

z/OS  
2.4

*MVS System Messages Volume 5 (EDG -  
GLZ)*



**Note**

Before using this information and the product it supports, read the information in [“Notices” on page 1319.](#)

This edition applies to Version 2 Release 4 of z/OS (5650-ZOS) and to all subsequent releases and modifications until otherwise indicated in new editions.

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## About this document

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*MVS System Messages* primarily describe messages that are issued to the system operator at the system console and system messages that are logged. The following messages are included:

- Operator messages that are issued by the BCP and DFSMS.
- Log messages that are issued by the BCP and DFSMS.
- Some SYSOUT messages that are issued by the BCP and DFSMS. SYSOUT messages are issued by utilities that normally run in batch, such as SPZAP.
- Batch job messages that are issued by the BCP. Messages that are issued by JES2 or JES3 for batch jobs are in the JES messages documents.

Usually, messages that are issued at interactive terminals (like TSO/E and CICS® terminals) are documented by the specific elements and products that support those terminals.

The titles of the MVS™ System Messages indicate the range of message prefixes in the documents:

- [\*z/OS MVS System Messages, Vol 1 \(ABA-AOM\)\*](#)
- [\*z/OS MVS System Messages, Vol 2 \(ARC-ASA\)\*](#)
- [\*z/OS MVS System Messages, Vol 3 \(ASB-BPX\)\*](#)
- [\*z/OS MVS System Messages, Vol 4 \(CBD-DMO\)\*](#)
- [\*z/OS MVS System Messages, Vol 5 \(EDG-GLZ\)\*](#)
- [\*z/OS MVS System Messages, Vol 6 \(GOS-IEA\)\*](#)
- [\*z/OS MVS System Messages, Vol 7 \(IEB-IEE\)\*](#)
- [\*z/OS MVS System Messages, Vol 8 \(IEF-IGD\)\*](#)
- [\*z/OS MVS System Messages, Vol 9 \(IGF-IWM\)\*](#)
- [\*z/OS MVS System Messages, Vol 10 \(IXC-IZP\)\*](#)

Some of the other types of message information include the following titles.

- [\*z/OS MVS Dump Output Messages\*](#)
- [\*z/OS MVS System Codes\*](#)
- [\*z/OS and z/VM HCD Messages\*](#)
- [\*z/OS JES3 Messages\*](#)
- [\*z/OS TSO/E Messages\*](#)
- [\*z/OS UNIX System Services Messages and Codes\*](#)

For a list of message information that is sorted by message prefix, see [\*Introduction\*](#) in *z/OS MVS System Messages, Vol 1 (ABA-AOM)*.

This information also contains the routing and descriptor codes that IBM® assigns to the messages that z/OS® components, subsystems, and products issue. Routing and descriptor codes are specified by the ROUTCDE and DESC keyword parameters on WTO and WTOR macros, which are the primary methods that programs use to issue messages. The routing code identifies where a message is displayed. The descriptor code identifies the significance of the message and the color of the message on operator consoles with color.

## Who uses MVS System Message information

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*MVS System Messages* are for programmers who receive messages from the system. Usually, these people are system operators, system programmers, and application programmers who do any of the following tasks.

- Initialize the operating system and its subsystems.
- Monitor system activity.
- Keep the system correctly running.
- Diagnose and correct system problems.
- Diagnose and correct errors in problem programs.

## A method for finding changes to MVS and TSO/E messages

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Automation routines are sensitive to changes to message text. Data set SYS1.MSGENU can help you identify message additions and changes so you know whether to update your automation routines when you upgrade.

IBM supplies a data set, SYS1.MSGENU, that contains the text of system messages in the form of message skeletons. Only system messages that are translated are included, so the following message types are not included.

- MVS system messages that are not translated, such as IPL and NIP messages, because these messages are issued before the MVS message service is available.
- Other product messages that are not translated, such as DFSMS and JES3 messages.

For more information about message skeletons, see *z/OS MVS Planning: Operations*.

After you install the SYS1.MSGENU data set, you can compare the new data set with the data set on the system from which you are upgrading. Depending on how you conduct the comparison, you receive output that resembles that in the following samples.

For new messages, the output might show an I (for Insert) to the left of the message ID. For example:

```
I - IEA403I VALUE OF RMAX HAS BEEN CHANGED TO 99
```

For messages with changed text, the output might show two entries, one with an I and one with a D each to the left of the message ID, indicating that a record in the message file was replaced (Deleted and then Inserted). For example:

```
I - IEE162I 46 &NNN ROLL &A MESSAGES (DEL=R OR RD)
D - IEE162I 46 &NNN ROLL &A MESSAGES (DEL=R, RD)
```

This example indicates that (DEL=R, RD) was replaced by (DEL=R OR RD) in message IEE162I.

Using this information, you can determine whether you need to change your automation routines.

## How to use message information

---

The system messages contain descriptions of messages. For details about z/OS message formats, prefix by component, descriptions, and more see the "Introduction" section in *z/OS MVS System Messages, Vol 1 (ABA-AOM)*.

## Where to find more information

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This information explains how z/OS references information in other documents and on the web.

When possible, this information uses cross-document links that go directly to the topic in reference using shortened versions of the document title. For complete titles and order numbers of the documents for all products that are part of z/OS, see *z/OS Information Roadmap*.

To find the complete z/OS library, including the IBM Documentation for z/OS, see the following resources.

[z/OS Internet library \(www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zosInternetLibrary\)](http://www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zosInternetLibrary)

[IBM Documentation \(www.ibm.com/docs/en/zos\)](http://www.ibm.com/docs/en/zos)

Many message descriptions refer to the following terms. You need to consult the reference listed below for more information:



- **Data areas and control blocks:** See *z/OS MVS Data Areas* in the *z/OS Internet library* ([www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zosInternetLibrary](http://www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zosInternetLibrary)) or *IBM Documentation* ([www.ibm.com/docs/en/zos](http://www.ibm.com/docs/en/zos)).
- **Dumps:** For examples of ABEND, stand-alone, and SVC dumps and how to read them, see *z/OS MVS Diagnosis: Tools and Service Aids*. For examples of component output from dumps and how to read and request it, see *z/OS MVS Diagnosis: Reference*.
- **Identification of a component, subsystem, or product:** See the *z/OS MVS Diagnosis: Reference* to identify the component, subsystem, or product from the name of an IBM module or for a macro. The module prefix and macro tables give the program identifier to be used in a PIDS symptom in a search argument.
- **System completion and wait state codes:** See *z/OS MVS System Codes*.
- **Logrec data set error records:** For the formatted records, see *z/OS MVS Diagnosis: Reference*.
- **Trace output:** For the formats and the meaning of the information in the generalized trace facility (GTF) trace, instruction address trace, master trace, system trace, and component trace, see *z/OS MVS Diagnosis: Tools and Service Aids*.
- **Hardware:** Use the appropriate *Principles of Operation* document for the hardware you have installed.

## Where to find the most current message information

The MVS System Messages documents are cumulative. As messages are added to the system, they are added to the documents. Similarly, when messages are changed on the system, they are changed in the documents. However, when a message is deleted from the system (no longer issued), the message is **not** deleted from the document. You can always look in the most recent message information for the descriptions of all system messages.

To find the most current edition of a message or document, see the following resources.

[z/OS Internet library \(www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zosInternetLibrary\)](http://www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zosInternetLibrary)  
[IBM Documentation \(www.ibm.com/docs/en/zos\)](http://www.ibm.com/docs/en/zos)



# How to send your comments to IBM

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We invite you to submit comments about the z/OS product documentation. Your valuable feedback helps to ensure accurate and high-quality information.

**Important:** If your comment regards a technical question or problem, see instead [“If you have a technical problem”](#) on page xi.

Submit your feedback by using the appropriate method for your type of comment or question:

## Feedback on z/OS function

If your comment or question is about z/OS itself, submit a request through the [IBM RFE Community \(www.ibm.com/developerworks/rfe/\)](#).

## Feedback on IBM Documentation function

If your comment or question is about the IBM Documentation functionality, for example search capabilities or how to arrange the browser view, send a detailed email to IBM Documentation Support at [ibmdocs@us.ibm.com](mailto:ibmdocs@us.ibm.com).

## Feedback on the z/OS product documentation and content

If your comment is about the information that is provided in the z/OS product documentation library, send a detailed email to [mhvrcfs@us.ibm.com](mailto:mhvrcfs@us.ibm.com). We welcome any feedback that you have, including comments on the clarity, accuracy, or completeness of the information.

To help us better process your submission, include the following information:

- Your name, company/university/institution name, and email address
- The following deliverable title and order number: z/OS MVS System Messages, Vol 5 (EDG-GLZ), SA38-0672-50
- The section title of the specific information to which your comment relates
- The text of your comment.

When you send comments to IBM, you grant IBM a nonexclusive authority to use or distribute the comments in any way appropriate without incurring any obligation to you.

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## If you have a technical problem

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If you have a technical problem or question, do not use the feedback methods that are provided for sending documentation comments. Instead, take one or more of the following actions:

- Go to the [IBM Support Portal \(support.ibm.com\)](#).
- Contact your IBM service representative.
- Call IBM technical support.



## Summary of changes

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This information includes terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations for the current edition are indicated by a vertical line to the left of the change.

## Summary of message changes for z/OS MVS System Messages, Vol 5 (EDG-GLZ) for Version 2 Release 4 (V2R4)

---

The following messages are new, changed, or no longer issued for z/OS MVS System Messages, Vol 5 (EDG-GLZ) in V2R4.

### Message changes for z/OS MVS System Messages, Vol 5 (EDG-GLZ)

#### New

The following messages are new.

EDG0244I  
EDG0245I  
EDG0246W  
EDG6877E  
EDG6878I  
EDG6879E  
EDG6880I  
EDG2120W  
EDG2122W  
EDG2436W  
EDG3377I  
EDG4015D  
EDG4016D  
EDG4017I  
EDG4064D  
EDG4065I  
EDG4066I  
EDG4067I  
EDG6851E  
EDG6852I  
EDG6853E  
EDG6854I  
EDG6855E  
EDG6856I  
EDG6857E  
EDG6858I  
EDG6859E  
EDG6860I  
EDG6861E  
EDG6862I  
EDG6863E  
EDG6864I

EDG6865E  
EDG6866I  
EDG6867E  
EDG6868I  
EDG6869E  
EDG6870I  
EDG6871E  
EDG6872I  
EDG6873E  
EDG6874I  
EDG6875E  
EDG6876I  
EDG8013D  
GLZB001I  
GLZB002I  
GLZB003I  
GLZB004I  
GLZB005I  
GLZB007I  
GLZB008I  
GLZB009I  
GLZB010I  
GLZB011I  
GLZB012I  
GLZB013I  
GLZB014I  
GLZB015I  
GLZB016I  
GLZB017I  
GLZB018I  
GLZB019I  
GLZB020I  
GLZB021I  
GLZB022I (APAR OA58996)  
GLZB023I (APAR OA59573)  
GLZB024I (APAR OA59573)  
GLZB025I (APAR OA59573)  
GLZB026I (APAR OA59573)  
GLZB027I (APAR OA59573)  
GLZB028I (APAR OA59573)  
GLZC001I  
GLZC002I  
GLZC003I  
GLZC004I  
GLZC005I  
GLZC006I  
GLZC007I  
GLZC008I  
GLZC009I  
GLZC010I  
GLZC011I

GLZC012I  
GLZM001I  
GLZM002I  
GLZM003I  
GLZM004I  
GLZM005I  
GLZM006I  
GLZM007I  
GLZM008I  
GLZM009I  
GLZM010I  
GLZM011I  
GLZN001I  
GLZN002I  
GLZN003I  
GLZN004I  
GLZN005I  
GLZS001I  
GLZV001I  
GLZV002I  
GLZV003I  
GLZV004I  
GLZV005I (APAR OA59573)

### **Changed**

The following messages are changed.

EDG0128E  
EDG0129E  
EDG0130E  
GLZB005I (APAR OA59573)  
GLZB014I (APAR OA58996)  
GLZB014I (APAR OA59864D)  
GLCV003I (APAR OA59573)

### **Deleted**

The following messages are no longer issued.

EDG6767I  
EDG6776E  
EDG6777I

## **Summary of changes for z/OS MVS System Messages, Vol 5 (EDG-GLZ) for z/OS Version 2 Release 3**

---

### **Message changes for z/OS MVS System Messages, Vol 5 (EDG-GLZ)**

The following messages are new, changed, or no longer issued in V2R3.

#### **New**

The following messages are new.

EDG0211I  
EDG0217D  
EDG0218E  
EDG2800E  
EDG3375I  
EDG3376I  
EDG3377I for APAR OA54871  
EDG4066I for APAR OA54871  
EDG4067I for APAR OA54871  
FXE0002I  
FXE0002I  
FXE0003I  
FXE0005I  
FXE0006I  
FXE0007I  
FXE0008I  
FXE0009I  
FXE0010I  
FXE0014I  
FXE0015I

### **Changed**

The following messages are changed.

EDG3373E  
EDG8105E  
EDG8106E  
EDG8107E  
EDG8111I

### **Deleted**

The following messages were deleted.

None

## **Summary of changes for z/OS MVS System Messages, Vol 5 (EDG-GLZ) for z/OS Version 2 Release 2 (V2R2) and its updates**

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The following lists indicate the messages that are new, changed, or no longer issued in z/OS V2R2 and its updates. Messages that have been added, updated, or that are no longer issued in an updated edition of V2R2 are identified by the quarter and year that the message was updated, in parentheses. For example, (4Q2015) indicates that a message was updated in the fourth quarter of 2015.

### **Message changes for z/OS MVS System Messages, Vol 5 (EDG-GLZ)**

The following messages are new, changed, or no longer issued in V2R2.

#### **New**

The following messages are new.

EDG0230E  
EDG3373E



EDG3374E

## **Changed**

The following messages are changed.

EDG2313I

EDG2050I (1Q2016)

EDG4061I (1Q2016)

EDG8200E

EDG8201E



---

# Chapter 1. Introduction

The z/OS operating system issues messages from z/OS elements and features, and from program products and application programs running on the system. The system issues messages in different ways and to different locations:

- **WTO and WTOR macros:** Most messages are issued through WTO and WTOR macros to one of the following locations:
  - Console
  - Operations log(OPERLOG)
  - System log (SYSLOG)
  - Job log
  - SYSOUT data set

Routing codes determine where the messages are displayed or printed. The routing codes for messages issued by the operating system are included with each message.

- **WTL macro or the LOG operator command:** Some messages are issued through the WTL macro or the LOG operator command to the system log (SYSLOG).
- **Dumping services routines:** Dump messages are issued through the Dumping services routines and can appear in one of the following locations:
  - SVC dumps, stand-alone dumps, or SYSMDUMP ABEND dumps formatted by the interactive problem control system (IPCS)
  - Trace data sets formatted by the interactive problem control system (IPCS)
  - ABEND dumps or SNAP dumps produced by the dumping services

In dump or trace data sets formatted by IPCS, the messages appear interactively on a terminal or in a printed dump.

- **DFSMS access methods:** Some messages are issued through DFSMS access methods directly to one of the following locations:
  - Output data set
  - Display terminal

Messages are sent to different locations to meet some specific needs. For example, messages routed to a console usually shows the result of an operator command and sometimes require an operator reply, while messages recorded in the hardcopy log permanently are often used for auditing. Understanding the locations where you receive messages can help you manage your message flow.

## Console

Messages sent to a multiple console support (MCS) console, an SNA multiple console support (SMCS) console, an extended MCS (EMCS) console, or an HMC multiple console support (HMCS) console are intended for the operators. Operations can control which messages are displayed. See *z/OS MVS Planning: Operations* for information about controlling message display.

The system writes all messages sent to a console, whether or not the message is displayed, to the hard-copy log.

## Operations log

The operations log (OPERLOG) records all message traffic from each system in a sysplex that activates the OPERLOG. The operations log consists of the following data:

- Messages to and from all consoles
- Commands and replies entered by the operator

## System log

The system log (SYSLOG) is a SYSOUT data set that stores the messages and commands from the current system. SYSOUT data sets are output spool data sets on direct access storage devices (DASD) provided by the job entry subsystem (either JES2 or JES3). An installation usually prints the system log periodically. The system log consists of:

- All messages issued through WTL macros
- All messages entered by operator LOG commands
- Usually, the hard-copy log
- Any messages routed to the system log from any system component or program

## Job log

Messages sent to the job log are intended for the programmer who submitted a job. The job log is specified in the system output class on the MSGCLASS parameter of the JCL JOB statement.

## SYSOUT data set

Messages sent to a SYSOUT data set are intended for a programmer. These messages are issued by an assembler or compiler, the linkage editor and loader, and an application program. If the SYSOUT data set and the MSGCLASS parameter on the JCL JOB statement specify the same class, all messages about a program will appear in the same SYSOUT listing.

# Message format

---

A displayed or printed message can appear by itself or with other information, such as a time stamp. The following topics show the format of the message body and the formats of accompanying information when the message is sent to various locations.

## Format of the message body

The message body consists of three parts: the reply identifier (optional), the message identifier, and the message text. The following formats are possible:

```
id CCCnnn text
id CCCnnns text
id CCCnnnns text
id CCCnnnnns text
id CCCSnnns text
```

### id

Reply identifier: It is optional. It appears if an operator reply is required. The operator specifies it in the reply.

### CCCnnn, CCCnnns, CCCnnnns, CCCnnnnns, CCCSnnns

Message identifier.

### CCC

A prefix to identify the component, subsystem, or product that produced the message. The prefix is three characters.

### S

The subcomponent identifier, which is an optional addition to the prefix to identify the subcomponent that produced the message. The subcomponent identifier is one character.

### nnn, nnnn, nnnnn

A serial number to identify the individual message. The serial number is three, four, or five decimal digits.

### s

An optional type code, which is one of the following:

### A

**Immediate Action:** System operator action is always immediately required. A system operator must do something now, such as mount a tape cartridge or attach a DASD.

The associated task does not continue until the requested action has been taken.

#### **D**

**Immediate Decision:** System operator decision/action is always immediately required. All system messages issuing the “D” type code must enumerate the available options. A system operator must make a decision now by selecting a reply from the enumerated options and responding to the system immediately.

The associated task does not continue until the operator communicates the decision to the system.

#### **E**

**Eventual action:** System operator action will be required. A system operator must eventually an appropriate action.

The associated task continues independent of system operator action.

#### **I**

**Information:** System operator action is not required. Communication in this category is for advisory purposes and may provoke system operator action.

The associated task continues independent of system operator action.

#### **S**

**Severe error:** Severe error messages are for a system programmer.

#### **T**

**Terminate:** The IEBCOPY program terminates.

#### **W**

**System Wait:** System operator action is always required immediately. A system catastrophe has occurred (hardware or software or both). The system must be re-IPLed to continue or a major subsystem must be re-started.

#### **text**

Text: The text provides information, describes an error, or requests an operator action.

**Note:** The following messages have special format for the message body. Refer to the specific message topics for details.

- ADR messages
- CNL messages
- EWX messages
- IDA messages
- IEW messages
- IGW01 messages

## **Messages sent to HMCS, MCS, and SMCS consoles**

Messages sent to HMCS, MCS, and SMCS consoles appear in one of the following formats:

```
f hh.mm.ss sysname jobname message
f hh.mm.ss sysname message
f hh.mm.ss jobname message
f hh.mm.ss message
f sysname jobname message
f sysname message
f jobname message
f message
```

#### **f**

A screen character to indicate the status of certain messages, as follows:

- | The operator has performed the action required for the message. The message has been deleted.
- The message is for information only; no operator action is required. The message was issued by the system or by a problem program.
- \* The message requires specific operator action and was issued by a WTOR or by an authorized program. The message has a descriptor code of 1, 2, or 11.
- @ The message requires specific operator action and was issued by a WTOR or by a problem program. The message has a descriptor code of 1, 2, or 11.
- + The message requires no specific operator action and was issued by a problem program using a WTO macro.

**blank**  
The message requires no specific operator action.

**hh.mm.ss**  
Time stamp: the hour (00-23), minute (00-59), and second (00-59).

**sysname**  
System name for the system that issued the message.

**jobname**  
Job name for the task that issued the message. This field is blank if a job did not issue the message.

**message**  
Reply identifier, message identifier, and text.

## Messages sent to hardcopy log in JES2 system

Multiple console support (MCS) handles message processing in:

- A JES2 system
- A JES3 system on a local processor
- A JES3 system on a global processor, if JES3 has failed

MCS sends messages with routing codes 1, 2, 3, 4, 7, 8, and 10 to the hardcopy log when display consoles are used or more than one console is active. All other messages can be routed to the hard-copy log by a system option or a VARY HARDCPY operator command.

Messages sent to the hardcopy log appear in the format:

```
tcrrrrrrr sysname yyddd hh:mm:ss.th ident msgflags message
t
t                lid                message
```

**t**  
The first character on the line indicates the record type:

**D**  
Data line of a multiple-line message; this line may be the last line of the message.

**E**  
End line or data-end line of a multiple-line message.

**L**  
Label line of a multiple-line message.

**M**  
First line of a multiple-line message.

**N**  
Single-line message that does not require a reply.

- O** Operator LOG command.
  - S** Continuation of a single-line message or a continuation of the first line of a multi-line message. This continuation may be required because of the record length for the output device.
  - W** A message that requires a reply.
  - X** A log entry that did not originate with a LOG command or a system message.
- c** The second character on the line indicates whether the line was generated because of a command:
- C** Command input.
  - R** Command response.
  - I** Command issued internally. The job identifier contains the name of the internal issuer.
- blank** Neither command input nor command response.

**rrrrrrr**

Hexadecimal representation of the routing codes 1 through 28. To understand this hexadecimal number, convert it to binary; each binary 1 represents a routing code. For example, X'420C' represents routing codes 2, 7, 13, and 14, as shown in the following example:

Hexadecimal:	4	2	0	C
Binary:	0 1 0 0	0 0 1 0	0 0 0 0	1 1 0 0
Routing Codes:	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16

**sysname**

The system name from the SYSNAME parameter in parmlib.

**yyddd**

The Julian date, given as the year (00-99) and the day of the year (000-366).

**Note:** If HCFORMAT(CENTURY) is specified in the CONSOLxx parmlib member, the Julian date appears as *yyyyddd*.

**hh:mm:ss.th**

Time stamp, given as the hour (00-23), minute (00-59), second (00-59), and hundredths of a second (00-99).

**ident**

The job identifier for the task that issued the message, if the second character on the line is blank.

If the second character on the line is C or R, this field contains one of the following:

**jobid**

The job identifier of the task that issued the message, if it was issued by a job.

**consname**

Console name of the console which issued the command or received the message.

**INTERNAL**

For a command generated by a problem program or the system.

**INSTREAM**

For a command read from the input stream.

**blank**

If MCS could not determine the source or destination for the message.

**lid**

Multiple-line identifier for the second and succeeding lines of a multiple-line message. This field appears after the message text (1) on the first line or (2) in the message area and is not followed by text on a continuation of the first line. The identifier appears on all lines of the same message.

**msgflags**

Installation exit and message suppression flags. For information about the description of the hardcopy log message flags, see the HCL data area in *z/OS MVS Data Areas Volume 1 (ABE - IAR)* in the *z/OS Internet library* ([www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zosInternetLibrary](http://www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zosInternetLibrary)).

**message**

Reply identifier, message identifier, and text. The reply identifier and message identifier appear only on the first line of a multiple-line message.

## Messages sent to hardcopy log in JES3 system

Messages sent to the JESMSG hardcopy log in a JES3 system appear in the format:

```
hh:mm:ss message
```

Messages sent to the MLOG/DLOG hardcopy log appear in the format:

```
dest console yyddd hhmsstia[prefix] message
```

**dest**

JES3 destination class, which corresponds to the MVS routing code.

**console**

JES3 or MVS console name, as follows:

**blank**

For a message issued without a console name.

**nnnnn**

The JES3 console name (JNAME) from the JES3 initialization stream. This applies to remote consoles only.

**cnname**

The MCS console name, as specified on the NAME(cnname) parameter under the CONSOLE definition in SYS1.PARMLIB(CONSOLxx).

**INTERNAL**

For a command generated by a problem program or operating system routine.

**NETWORK**

For a message issued to the network job entry (NJE) console.

**yyddd**

The Julian date, given as the year (00-99) and the day of the year (000-366).

**Note:** If HCFORMAT(CENTURY) is specified in the CONSOLxx parmlib member, the Julian date appears as *yyyddd*.

**hhmsst**

Time stamp, given as the hour (00-23), minute (00-59), second (00-59), and tenth of a second (0-9).

**i**

Attention indicator for JES3 space constraints, as follows:

**blank**

Normal output or no action required.

**#**

The message is rerouted automatically or by a command from another console.



- % Minimum space (track) situation (JSAM).
- = Marginal space (track) situation (JSAM).
- < Minimum buffer situation (JSAM).

**Note:** These four symbols can be changed by a CONSTD statement in the JES3 initialization stream.

**a**

Action prefix character, as follows:

**blank**

Normal message.

**+**

JES3 input command, issued on the global processor.

**-**

MVS input command, issued on the global processor.

Operator action required.

**prefix**

**sysname R=jobname** Optional prefix for messages issued outside the JES3 address space or on a local processor, as follows:

**sysname**

The name of the system where the issuing program is running. JES3 determines the name from the ID parameter on the MAINPROC statement in the JES3 initialization stream.

**jobname**

The job name of the issuing program. It is all blanks for an system routine.

**message**

Reply identifier, message identifier, and text.

## Messages sent to the job log, to other data sets, and to display terminals

Messages sent to the job log, to other data sets, and to display terminals appear in the format designed by the program that issued them.

## Truncated data in multi-line messages

Under any one of the following conditions, the system might need to truncate a multi-line message:

- When a message is being transported from one system to another in a sysplex, the sending or receiving system might encounter an error that prevents some or all of the message text from appearing. This can be caused by any of the following:
  - The issuing system is stopped or quiesced.
  - The issuing system fails to end a multi-line message.
  - The issuing system has an XCF buffer shortage.
  - A disruption occurs in sysplex communication.
  - An error occurs on the receiving system.

One of the following messages can appear within the message text, indicating such an error:

```
LOSS OF DATA - MESSAGE COMPLETION FORCED
LOSS OF INTERMEDIATE MESSAGE DATA
```

- When no data line or endline has been issued for a multi-line message after an interval of thirty seconds, the system issues the following endline:

MESSAGE TIMED OUT - MESSAGE COMPLETION FORCED

- When a connect request exceeds the limit of 65533 lines, the system truncates the message with the following text:

EXCEEDED LINE LIMIT - MESSAGE COMPLETION FORCED

- When a multi-line message is issued with no end line, and it is not possible for the system to obtain space to temporarily store the message, the system truncates the message with the following text:

CONNECT UNAVAILABLE - MESSAGE COMPLETION FORCED

- When a multi-line connect request is issued, and the system is unable to obtain space to store the connecting lines, the system truncates the message with the following text:

CONNECT UNSUCCESSFUL - MESSAGE COMPLETION FORCED

- When a message is too long to fit into 80% of the Console message cache, the system truncates the message with the following text:

MESSAGE TRUNCATED FOR CONSOLE MESSAGE CACHE

- When there is a shortage of WTO buffers for display on MCS consoles, the screen display may be truncated with one of the following lines of text:

NUMBER OF LINES EXCEEDED MLIM - MESSAGE TRUNCATED  
STORAGE CONSTRAINT - MESSAGE TRUNCATED

## Message description

---

The following topics describe the different message description items, and in particular, the routing and descriptor codes.

### Description items

The message explanation information is presented by the following items:

#### Explanation

The meaning of the message, including why the system issued the message.

#### System Action

- What the system did as a result of the system condition reported by the message. A system condition could include running out of storage, a hardware or software failure, an abend, a wait state.
- What the system did as a result of user input. User input can include a system command, a job running on the system, a transaction, a query, or another user-system interaction.

#### Operator Response

Instructions for the system operator, including, as appropriate, decisions to make and actions to take. Only provided for messages that could appear at the operator console.

#### User Response

Instructions for the end user. Only provided for messages that could appear at an interactive interface such as a TSO/E terminal or ISPF application.

**Note:** Most user messages are explained in other message topics, such as in *z/OS TSO/E Messages*.

#### Application Programmer Response

Instructions for an application programmer. Only provided for messages that could appear in SYSOUT produced by a job, for example SPZAP.

**System Programmer Response**

Instructions for the system programmer. Only provided for messages that require additional action beyond the operator response, user response, or application programmer response.

**Storage Administrator Response**

Instructions for the DFSMSdfp storage administrator.

**Security Administrator Response**

Instructions for the security administrator. Only provided for security-related messages.

**Problem Determination**

Additional instructions for determining the cause of the problem, searching problem databases, and, if necessary, reporting the problem to the IBM support center. These instructions are for a customer support person who can troubleshoot problems, such as the system programmer or system administrator, an experienced security administrator, or an experienced storage administrator.

For additional information on performing problem determination procedures, see *z/OS Problem Management* and the appropriate diagnosis guide for the product or element issuing the message, such as:

- *z/OS DFSMS or MVS diagnosis guides and reference material*
- *z/OS JES2 Diagnosis*
- *z/OS JES3 Diagnosis*

**Source**

Element, product, or component that issued the message.

**Detecting Module**

Name of the module or modules that detected the condition that caused the message to be issued.

**Routing Code**

For WTO or WTOR messages, the routing code of the message. See the topic, "Routing codes," for more information about the code meaning.

**Descriptor Code**

For WTO or WTOR messages, the descriptor code of the message. See the topic, "Descriptor codes," for more information about the code meaning.

## Routing codes

Routing codes send system messages to the consoles where they are to be displayed. More than one routing code can be assigned to a message to send it to more than one console. For more information on message routing, see the following topics:

- *z/OS MVS Programming: Authorized Assembler Services Guide*
- *z/OS MVS Programming: Authorized Assembler Services Reference SET-WTO*
- *z/OS MVS Installation Exits*
- *z/OS MVS Initialization and Tuning Reference*

## Specifying routing codes

The routing codes are specified in the ROUTCDE parameter of the WTO or WTOR macro. If you specify a message which contains no routing codes, MVS may provide one or more default routing codes, based upon the presence or lack of other queuing specifications.

If you specify a message containing descriptor codes but no routing codes and no target console, MVS will not assign any routing codes and will write the message to the hardcopy log.

If you specify a message containing no routing codes, no descriptor codes, and no target console, MVS will assign a default set of routing codes. This set of default routing codes is specified at MVS initialization on the DEFAULT statement in your CONSOLxx parmlib member. If a set of default routing codes was not provided on the DEFAULT statement, MVS will assign routing codes 1 through 16.

## Routing code meaning

Routing codes appear within the associated message. The routing code field can contain the following numeric values, special characters, or notes:

### Code

#### Meaning

1

**Operator Action** The message indicates a change in the system status. It demands action by a primary operator.

2

**Operator Information** The message indicates a change in system status. It does not demand action; rather, it alerts a primary operator to a condition that might require action. This routing code is used for any message that indicates job status when the status is not requested specifically by an operator inquiry. It is also used to route processor and problem program messages to the system operator.

3

**Tape Pool** The message gives information about tape devices, such as the status of a tape unit or reel, the disposition of a tape reel, or a request to mount a tape.

4

**Direct Access Pool** The message gives information about direct access storage devices (DASD), such as the status of a direct access unit or volume, the disposition of a volume, or a request to mount a volume.

5

**Tape Library** The message gives tape library information, such as a request by volume serial numbers for tapes for system or problem program use.

6

**Disk Library** The message gives disk library information, such as a request by volume serial numbers for volumes for system or problem program use.

7

**Unit Record Pool** The message gives information about unit record equipment, such as a request to mount a printer train.

8

**Teleprocessing Control** The message gives the status or disposition of teleprocessing equipment, such as a message that describes line errors.

9

**System Security** The message gives information about security checking, such as a request for a password.

10

**System/Error Maintenance** The message gives problem information for the system programmer, such as a system error, an uncorrectable I/O error, or information about system maintenance.

11

**Programmer Information** This is commonly referred to as write to programmer (WTP). The message is intended for the problem programmer. This routing code is used when the program issuing the message cannot route the message to the programmer through a system output (SYSOUT) data set. The message appears in the JESYSMSG data set.

12

**Emulation** The message gives information about emulation. (These message identifiers are not included in this publication.)

13-20

For customer use only.

21-28

For subsystem use only.

**29**

Disaster recovery.

**30-40**

For IBM use only.

**41**

The message gives information about JES3 job status.

**42**

The message gives general information about JES2 or JES3.

**43-64**

For JES use only.

**65-96**

Messages associated with particular processors.

**97-128**

Messages associated with particular devices.

**\***

The message will be routed back to the consoles that initiated the associated requests.

**/**

The message will be routed to different locations according to the task issuing it. For example, \*/2/3 means the message is routed back to the console that initiated the request, to a primary operator, or to the tape pool.

**#**

The message will be routed in one of the following ways:

- According to the routing indicators specified by the operator
- According to the default routing instructions previously specified by the operator
- Back to the console that initiated the associated request

**—**

The message has no routing code.

**N/A**

A routing code is not applicable for the message.

**Note 2**

The message is issued by a WTO or WTOR macro, but has no routing or descriptor codes (old format WTO or WTOR macro).

**Note 3**

The message has a routing code of 1, which sends the message to a primary operator, and the message is also routed to the console that it describes.

**Note 4**

The message is sent to all active consoles; this is a broadcast message.

**Note 5**

The message has a routing code of 2, which sends the message to a primary operator.

**Note 6**

The message is routed only to non-printer consoles. This message is not issued by a WTO or WTOR macro.

**Note 7**

The message is routed to consoles where one or more of the following are active:

- MONITOR JOB NAMES
- MONITOR SESSIONS
- MONITOR STATUS

**Note 9**

The message is issued during the nucleus initialization program (NIP) processing.

**Note 10**

The message is issued by the WTL macro.

**Note 11**

The message is routed to a SYSPRINT data set by data management.

**Note 12**

The message is issued by a WTO or WTOR macro with SYNCH=YES. See *z/OS MVS Initialization and Tuning Reference* for more information.

**Note 13**

The message is routed only to receivers of the hardcopy message set.

**Note 14**

The message is routed back to the console that initiated the request and to all associated consoles.

**Note 16**

The message is routed to the IPCS print file IPCSPRNT.

**Note 17**

The message is issued by JES3. A JES3 destination class is specified either by the initialization stream or by operator commands.

**Note 18**

The message is sent in response to a command to the console where the command was entered.

**Note 19**

The message is written to a data set. If routing and descriptor codes are also included for the message, the message might also be displayed according to the specified routing and descriptor codes. (The descriptor code does not apply to writing the message to the data set.)

**Note 20**

JES3 does not issue the message. JES3 sends the message to another subsystem for processing.

**Note 21**

This message is a trailer attached to multiple messages previously issued. It has the same routing and descriptor codes as the first line of the conglomerate.

**Note 22**

This message is routed to the transaction program (TP) message log.

**Note 23**

This message is issued by the device controller. The routing code will vary according to the device controller's task.

**Note 24**

This message is routed to the assembly listing.

**Note 25**

When this message is issued during IPL, the routing codes are 2 and 10 and the descriptor code is 12. When it is issued after IPL, it has no routing code and the descriptor code is 5.

**Note 26**

When this message is issued during NIP processing, the descriptor code is 12. When it is issued after NIP processing, the descriptor code is 4.

**Note 27**

The indicated route codes are used only if this message is issued in response to a reply of CKPTDEF during a JES2 checkpoint reconfiguration. This message might be issued to a specific console rather than directed by route code. For further information concerning the routing of JES2 messages issued during a reconfiguration, see *z/OS JES2 Initialization and Tuning Guide*.

**Note 28**

These routing and descriptor codes apply only when SMS issues the message. If SMS returns the message to its caller and the caller issues the message, the codes do not apply.

**Note 29**

This message is written to the JES3OUT data set.

**Note 30**

This message is issued by JES3. The message is written to the \*MODIFY CONFIG (\*F MODIFY) log and/or the issuer of the \*F CONFIG command.

**Note 31**

The routing and descriptor codes for this message are dependent on the setting of indicator bits within the S99EOPTS field in the SVC 99 Request Block Extension (S99RBX). For more information, see the topic about Processing Messages and Reason Codes from Dynamic Allocation in *z/OS MVS Programming: Authorized Assembler Services Guide*.

**Note 32**

Routing code 2 is only applicable if message IYP050D was issued.

**Note 33**

Routing code 2 is only applicable if message IZP050D was issued.

**Note 34**

This message is only displayed on the SMCS Console Selection screen, and is not issued via WTO support.

**Note 35**

By default, IBM Health Checker for z/OS messages does not use routing codes, but the installation can override the default to use routing codes using either the MODIFY *hzsproc* command or in the HZSPRMxx parmlib member. See *IBM Health Checker for z/OS User's Guide* for more information.

**Note 36**

This message is written to the JESYSMSG data set.

**Note 37**

The message is sent to all affected consoles.

## Descriptor codes

Descriptor codes describe the significance of messages. They indicate whether the system or a task stops processing, waits until some action is completed, or continues. This code also determines how the system will display and delete the message.

### Association with message type code

Descriptor codes are typically, but not always, associated with message type codes. Message type codes are a letter that immediately follow the message number and are intended to indicate the type of operator action required for the message. The standard correspondence is as follows:

**Descriptor code****Message type code****1**

W (wait)

**2**

A (immediate action) or D (immediate decision)

**3**

E (eventual action)

**4 through 10**

I (information)

**11**

E (critical eventual action)

**12 and 13**

I (information)

## Valid combinations and restrictions for descriptor codes

Descriptor codes are specified in the DESC parameter of the WTO or WTOR macro. The following restrictions apply when specifying descriptor codes:

- Descriptor codes 1 through 6, 11, and 12 are mutually exclusive. Assign only one of these codes to a message. If you assign two mutually exclusive codes to one message, the system uses the most important code and ignores the other.
- Descriptor codes 7 through 10 and 13 can be assigned in combination with any of the mutually exclusive codes.
- Descriptor code 9 can be used only with descriptor code 8.

Under certain conditions, the system uses a descriptor code other than that specified in the macro as follows:

- The system assigns descriptor code 6 if the macro specifies a ROUTCDE parameter, but no DESC parameter.
- The system assigns descriptor code 7 if all of the following are true:
  1. A problem program issued the macro.
  2. The macro omits both DESC and ROUTCDE parameters, or specifies descriptor codes 1 or 2.
  3. The message is not a multiple-line WTO message.
- The system assigns no descriptor code if all of the following are true:
  1. An authorized program issued the macro.
  2. The macro omits both DESC and ROUTCDE parameters.
  3. The message is not a multiple-line WTO message.

**Note:** An authorized program has at least one of these characteristics:

- Authorized by the authorized program facility (APF)
- Runs in supervisor state
- Runs under PSW key 0 through 7

## Message deletion

With multiple console support (MCS), action messages with descriptor code 1 or 2 issued by problem programs are assigned descriptor code 7; thus, they are automatically deleted from the system at task or address space ending.

The system deletes messages issued by any program when that program issues the DOM macro for a message.

The operator can manually remove all messages from a display console screen or can set the console to roll messages off the screen.

## Message color

On operator consoles with color, the descriptor code determines the color of the message. The use of color is explained in *z/OS MVS System Commands*. Also, see the descriptions of the CONSOLxx and MPFLSTxx parmlib members in *z/OS MVS Initialization and Tuning Reference*.

## Descriptor code meaning

Descriptor codes appear within the associated message. The descriptor code field can contain the following numeric values, special characters, or note.

Code	Meaning
------	---------



1

**System Failure** The message indicates an error that disrupts system operations. To continue, the operator must reIPL the system or restart a major subsystem. This causes the audible alarm to be sounded.

Descriptor code 1 messages are retained if the Action Message Retention Facility (AMRF) is active. Descriptor code 1 messages do not automatically roll off a console in RD mode.

2

**Immediate Action Required** The message indicates that the operator must perform an action immediately. The message issuer could be in a wait state until the action is performed or the system needs the action as soon as possible to improve performance. The task waits for the operator to complete the action. This causes the audible alarm to be sounded.

**Note:** When an authorized program issues a message with descriptor code 2, a DOM macro *must* be issued to delete the message after the requested action is performed.

Descriptor code 2 messages are retained if the Action Message Retention Facility (AMRF) is active. Descriptor code 2 messages do not automatically roll off a console in RD mode.

3

**Eventual Action Required** The message indicates that the operator must perform an action eventually. The task does not wait for the operator to complete the action. If the task can determine when the operator performed the action, the task should issue a DOM macro to delete the message when the action is complete.

Descriptor code 3 messages are retained if the Action Message Retention Facility (AMRF) is active.

4

**System Status** The message indicates the status of a system task or of a hardware unit.

5

**Immediate Command Response** The message is issued as an immediate response to a system command. The response does not depend on another system action or task.

6

**Job Status** The message indicates the status of a job or job step.

7

**Task-Related** The message is issued by an application or system program. Messages with this descriptor code are deleted when the job step that issued them ends.

8

**Out-of-Line** The message, which is one line of a group of one or more lines, is to be displayed out-of-line. If a message cannot be displayed out-of-line because of the device being used, descriptor code 8 is ignored, and the message is displayed in-line with the other messages.

**Note:** Multiline messages directed at an OOL area and routed by either the UNKNIDS or INTIDS attributes are forced "inline".

9

**Operator's Request** The message is written in response to an operator's request for information by a DEVSERV, DISPLAY, or MONITOR command.

10

**Not defined** Descriptor code 10 is not currently in use.

11

**Critical Eventual Action Required** The message indicates that the operator must perform an action eventually, and the action is important enough for the message to remain on the display screen until the action is completed. The task does not wait for the operator to complete the action. This causes the audible alarm to be sounded.

Avoid using this descriptor code for non-critical messages because the display screen could become filled.

If the task can determine when the operator has performed the action, the task should issue a DOM macro to delete the message when the action is complete.

Descriptor code 11 messages are retained if the Action Message Retention Facility (AMRF) is active.

Descriptor code 11 messages do not automatically roll off a console in RD mode.

## 12

**Important Information** The message contains important information that must be displayed at a console, but does not require any action in response.

## 13

**Automation Information** Indicates that this message was previously automated.

## 14-16

Reserved for future use.

/

The message has different descriptor codes according to the task issuing it. For example, 4/6 means that the message can describe system status or job status.

—

The message has no descriptor code.

## N/A

A descriptor code is not applicable for the message.

## Note 1

The descriptor code for an IBM Health Checker for z/OS check exception message might vary because the installation can override the descriptor code either using the MODIFY hzsproc command or in the HZSPRMxx parmlib member. See *IBM Health Checker for z/OS User's Guide* for more information. In addition to the descriptor code selected by the installation, one of the following descriptor codes is also included based on the severity of the check:

- High severity checks use a descriptor code of 11.
- Medium severity checks use a descriptor code of 3.
- Low severity checks use a descriptor code of 12.

## Message directory

To use a message prefix to locate the information that contains the specific messages, use the following table.

Prefix	Component	Title
ABA	DFSMSHsm	<a href="#">z/OS MVS System Messages, Vol 1 (ABA-AOM)</a>
ACP	LANRES	<a href="#">z/OS MVS System Messages, Vol 1 (ABA-AOM)</a> ,
ADF	Time Sharing Option Extensions (TSO/E) session manager	<a href="#">z/OS TSO/E User's Guide</a> , <a href="#">z/OS TSO/E Command Reference</a> <a href="#">z/OS TSO/E Messages</a>
ADM	Graphical Data Display Manager	<i>GDDM Messages</i> , SC33-0869
ADR	DFDSS	<a href="#">z/OS MVS System Messages, Vol 1 (ABA-AOM)</a>
ADRY	DFDSS	<a href="#">z/OS MVS System Messages, Vol 1 (ABA-AOM)</a>
ADY	Dump analysis and elimination (DAE)	<a href="#">z/OS MVS System Messages, Vol 1 (ABA-AOM)</a>
AEM	Graphical Data Display Manager	<i>GDDM Messages</i>

<i>Table 1. Directory of messages by prefix and component (continued)</i>		
<b>Prefix</b>	<b>Component</b>	<b>Title</b>
AFB	VSFORTRAN	<i>VSFORTRAN Version 2 Language and Library Reference, SC26-4221</i>
AHL	Generalized trace facility (GTF)	<a href="#"><i>z/OS MVS System Messages, Vol 1 (ABA-AOM)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
AIR	Predictive Failure Analysis	<a href="#"><i>z/OS MVS System Messages, Vol 1 (ABA-AOM)</i></a> , <a href="#"><i>z/OS Problem Management</i></a>
AIRH	Predictive Failure Analysis	<a href="#"><i>z/OS MVS System Messages, Vol 1 (ABA-AOM)</i></a> , <a href="#"><i>z/OS Problem Management</i></a>
AMA	SPZAP service aid	<a href="#"><i>z/OS MVS System Messages, Vol 1 (ABA-AOM)</i></a>
AMB	LIST service aid	<a href="#"><i>z/OS MVS System Messages, Vol 1 (ABA-AOM)</i></a>
AMD	Stand-alone dump	<a href="#"><i>z/OS MVS System Messages, Vol 1 (ABA-AOM)</i></a>
AMS	Availability manager	<a href="#"><i>z/OS MVS System Messages, Vol 1 (ABA-AOM)</i></a> , <a href="#"><i>z/OS RMF Messages and Codes</i></a>
ANT	Remote Copy	<a href="#"><i>z/OS MVS System Messages, Vol 1 (ABA-AOM)</i></a>
ANF	Infoprint Server	<a href="#"><i>z/OS Infoprint Server Messages and Diagnosis</i></a>
AOM	Administrative operations manager	<a href="#"><i>z/OS MVS System Messages, Vol 1 (ABA-AOM)</i></a>
AOP	Infoprint Server	<a href="#"><i>z/OS Infoprint Server Messages and Diagnosis</i></a>
API	Infoprint Server	<a href="#"><i>z/OS Infoprint Server Messages and Diagnosis</i></a>
APS	Print services facility (PSF)	<i>Print Services Facility Messages, S544-3675</i>
ARC	DFSMSHsm	<a href="#"><i>z/OS MVS System Messages, Vol 2 (ARC-ASA)</i></a>
ARRP	System Control Program (SCP)	See message 52099 in <i>Enterprise System/9000 Models 190, 210, 260, 320, 440, 480, 490, 570, and 610 Messages Part 2</i> for a complete message explanation and appropriate responses; see GA23-0378.
ASA	MVS Reuse	<a href="#"><i>z/OS MVS System Messages, Vol 2 (ARC-ASA)</i></a>
ASB	Advanced Program-to-Program Communications/MVS (APPC/MVS)	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
ASD	LANRES	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a>
ASM	Auxiliary storage manager (ASM)	<a href="#"><i>z/OS MVS Dump Output Messages</i></a>
ASMA	High Level Assembler for MVS & VM & VSE	<i>HLASM Programmer's Guide, SC26-4941</i>
ASR	Symptom record (SYMREC)	<a href="#"><i>z/OS MVS Dump Output Messages</i></a>
ATB	Advanced Program-to-Program Communications/MVS (APPC/MVS)	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
ATR	Resource recovery services (RRS)	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
ATRH	Resource recovery services (RRS)	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a>
AVM	Availability manager	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a>
AXR	System REXX	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a>

<i>Table 1. Directory of messages by prefix and component (continued)</i>		
<b>Prefix</b>	<b>Component</b>	<b>Title</b>
BCD	Batch Runtime	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a>
BFS	IBM LAN server for MVS	<i>OS/390 MVS System Messages, Vol. 2, GC28-1785</i>
BHI	Basic HyperSwap®	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
BLG	Information System, Information Management	<i>The Information/Management Library Messages and Codes, SC34-4459</i>
BLM	Information System, Information Management	<i>The Information/Management Library Messages and Codes, SC34-4459</i>
BLS	Interactive problem control system (IPCS)	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
BLX	Information System, Information Management	<i>The Information/Management Library Messages and Codes, SC34-4459</i>
BLW	Loadwait/Restart	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a>
BNH	Network Problem Determination Application (NPDA)	<i>NPDA Messages, SC34-2115</i>
BPX	z/OS UNIX System Services	<a href="#"><i>z/OS MVS System Messages, Vol 3 (ASB-BPX)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
CBDA	Hardware configuration definition (HCD)	<a href="#"><i>z/OS and z/VM HCD Messages</i></a>
CBR	Object access method (OAM)	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a>
CDS	Open Cryptographic Service Facility (OCSF)	<a href="#"><i>z/OS Open Cryptographic Services Facility Application Programming</i></a>
CEA	Common Event Adapter	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a>
CEE	Language Environment®	<a href="#"><i>z/OS Language Environment Debugging Guide</i></a>
CHS	MVSSERV messages for the user and system programmer	<a href="#"><i>z/OS TSO/E Messages</i></a>
CIM	Managed System Infrastructure for Setup (msys for Setup)	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a>
CMP	Compression management services	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a>
CLB	C/C++ class library runtime messages	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a>
CNL	MVS message service (MMS)	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
CNZ	Console Services	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a>
COF	Virtual lookaside facility (VLF)	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a> , <a href="#"><i>z/OS TSO/E Messages</i></a>
CPO	z/OS MVS Capacity Provisioning	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a> , <a href="#"><i>z/OS MVS Capacity Provisioning User's Guide</i></a>
CRG	Context Services	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a>

<i>Table 1. Directory of messages by prefix and component (continued)</i>		
<b>Prefix</b>	<b>Component</b>	<b>Title</b>
CRU	Integrated catalog forward recovery utility (ICFRU)	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a>
CSF	Integrated Cryptographic Service Facility (ICSF)	<a href="#"><i>z/OS Cryptographic Services ICSF Messages</i></a>
CSQ	IBM MQ	<i>IBM MQ for z/OS V2R1 Messages and Codes</i>
CSR	Callable services requests (CSR)	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
CSV	Contents supervision, virtual fetch, fetch	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
CSY	OPC/A Production Control System	<i>OPC/A Messages, SH19-6448</i>
CSZ	OPC/A Network Event Communicator	<i>OPC/A Messages, SH19-6448</i>
CTX	Context Services	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a>
DFH	Customer Information Control System/Virtual Storage (CICS/VS)	<i>CICS/ESA Messages and Codes, SC33-0672</i>
DFQ	Interactive storage management facility (ISMF)	Online only. To display the message explanation and suggested action, press the HELP key (PF1) twice when the message is currently displayed. Otherwise, go to ISPF option 7.2 Display Panel, enter the message ID in the message ID field, then press the HELP key (PF1) twice to show the message explanation. For more information, see the Using Help Panels for Error Messages topic in the <a href="#"><i>z/OS DFSMS Using the Interactive Storage Management Facility</i></a>
DGT	Interactive storage management facility (ISMF)	Online only. To display the message explanation and suggested action, press the HELP key (PF1) twice when the message is currently displayed. Otherwise, go to ISPF option 7.2 Display Panel, enter the message ID in the message ID field, then press the HELP key (PF1) twice to show the message explanation. For more information, see the Using Help Panels for Error Messages topic in <a href="#"><i>z/OS DFSMS Using the Interactive Storage Management Facility</i></a>
DLX	DLF installation exit COFXDLF2	These messages are issued by the sample DLF installation exit, COFXDLF2, whose source can be found in SYS1.SAMPLIB. Because the issuing module is a "sample", which can be modified by the customer, the messages are not described in an IBM document.
DMO	Device Manager	<a href="#"><i>z/OS MVS System Messages, Vol 4 (CBD-DMO)</i></a> <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
DQD	Cache RMF Reporter (CRR)	<i>Cache RMF Reporter Program Description/Operations Manual, SH20-6295</i>
DRK	OPC/A Event Manager Subsystem	<i>OPC/A Messages, SH19-6448</i>
DSI	NetView®	<i>TME 10 NetView for OS/390 Messages, SC31-8237</i>
DSM	Document Composition Facility	<i>DCF: Messages, SH35-0048</i>
DSM	Document Library Facility	<i>DCF: Messages, SH35-0048</i>
DSN	Database 2	<i>Db2 Universal Database for OS/390 Messages and Codes, GC26-9011</i>
DZI	Overlay Generation Language	<i>IBM Overlay Generation Language/370 User's Guide and Reference, S544-3702</i>
DZJ	Print Management Facility	<i>Print Management Facility User's Guide and Reference, SH35-0059</i>

<i>Table 1. Directory of messages by prefix and component (continued)</i>		
<b>Prefix</b>	<b>Component</b>	<b>Title</b>
EDC	C/C++ Run-time Library	<a href="#"><i>z/OS Language Environment Debugging Guide</i></a>
EDG	DFSMSrmm	<a href="#"><i>z/OS MVS System Messages, Vol 5 (EDG-GLZ)</i></a>
EDGH	DFSMSrmm	<a href="#"><i>z/OS MVS System Messages, Vol 5 (EDG-GLZ)</i></a>
ELM	IBM Communications Server – SNA	<a href="#"><i>z/OS Communications Server: SNA Messages</i></a>
EQQ	OPC/ESA	<i>OPC/ESA Messages and Codes, SH19-6719</i>
ERB	Resource Measurement Facility (RMF)	<a href="#"><i>z/OS MVS System Messages, Vol 5 (EDG-GLZ)</i></a> , <a href="#"><i>z/OS RMF Messages and Codes</i></a>
ERX	Graphical Data Display Manager	<i>GDDM Messages, SC33-0869</i>
EWX	LANRES	<a href="#"><i>z/OS MVS System Messages, Vol 5 (EDG-GLZ)</i></a>
EZA	IBM Communication Server – IP	<a href="#"><i>z/OS Communications Server: IP Messages Volume 1 (EZA)</i></a>
EZB	IBM Communication Server – IP	<a href="#"><i>z/OS Communications Server: IP Messages Volume 2 (EZB, EZD)</i></a>
EZM	Application Enabling Technology (AET)/Auto UNIX System	<i>OS/390 Application Enabling Technology: Administration and Programming, GC28–1993</i> <i>OS/390 Application Enabling Technology: Customization Guide, GC28–1994</i> <i>OS/390 MVS System Messages (EWX-IEB), GC28–1786</i>
EZY	z/OS Communication Server – IP	<a href="#"><i>z/OS Communications Server: IP Messages Volume 3 (EZY)</i></a>
EZZ	z/OS Communication Server – IP	<a href="#"><i>z/OS Communications Server: IP Messages Volume 4 (EZZ, SNM)</i></a>
FAN(G)	REXX/370 compiler	<i>IBM Compiler and Library for SAA REXX/370 User's Guide and Reference , SH19-8160</i>
FDBX	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FLM	Software configuration and library manager	<a href="#"><i>z/OS ISPF Messages and Codes</i></a>
FOMC	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FOMF	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FOMI	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FOMM	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FOMO	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FOMOA	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FOMOG	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FOMOH	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FPG	Hardware Accelerator Manager	<a href="#"><i>z/OS MVS System Messages, Vol 5 (EDG-GLZ)</i></a>
FSUM	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FSUMA	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FSUMB	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FSUMF	z/OS UNIX System Services	<a href="#"><i>z/OS UNIX System Services Messages and Codes</i></a>
FOR	LE FORTRAN Library	<i>IBM Language Environment for MVS &amp; VM FORTRAN Run-Time Migration Guide</i>

<i>Table 1. Directory of messages by prefix and component (continued)</i>		
<b>Prefix</b>	<b>Component</b>	<b>Title</b>
GDE	Distributed FileManager/MVS (DFM/MVS)	<a href="#"><i>z/OS MVS System Messages, Vol 5 (EDG-GLZ)</i></a>
GFSA	Network File System Server	<a href="#"><i>z/OS Network File System Guide and Reference</i></a>
GFSC	Network File System Server Client Messages	<a href="#"><i>z/OS Network File System Guide and Reference</i></a>
GIM	SMP/E	<a href="#"><i>z/OS SMP/E Messages, Codes, and Diagnosis</i></a>
GLZ	zCX	<a href="#"><i>z/OS MVS System Messages, Vol 5 (EDG-GLZ)</i></a>
GQD	Graphical Data Display Manager	<i>GDDM Messages</i>
GQF	Graphical Data Display Manager	<i>GDDM Messages</i>
GSK	Integrated Cryptographic Service Facility (ICSF)	<a href="#"><i>z/OS Cryptographic Services System SSL Programming</i></a>
HIS	Hardware instrumentation services (HIS)	<a href="#"><i>z/OS MVS System Messages, Vol 6 (GOS-IEA)</i></a>
HWI	Base Control Program Internal Interface Services	<a href="#"><i>z/OS MVS System Messages, Vol 6 (GOS-IEA)</i></a>
HZS	IBM Health Checker for z/OS	<a href="#"><i>z/OS MVS System Messages, Vol 6 (GOS-IEA)</i></a> <a href="#"><i>IBM Health Checker for z/OS User's Guide</i></a>
HZR	Runtime Diagnostics	<a href="#"><i>z/OS MVS System Messages, Vol 6 (GOS-IEA)</i></a> , <a href="#"><i>z/OS Problem Management</i></a>
IAR	Real storage manager (RSM)	<a href="#"><i>z/OS MVS System Messages, Vol 6 (GOS-IEA)</i></a> , <a href="#"><i>z/OS MVS Dump Output Messages</i></a>
IARH	Real storage manager (RSM)	<a href="#"><i>z/OS MVS System Messages, Vol 6 (GOS-IEA)</i></a>
IAT	JES3	<a href="#"><i>z/OS JES3 Messages</i></a>
IAZ	JES Common	<a href="#"><i>z/OS MVS System Messages, Vol 6 (GOS-IEA)</i></a>
IAZH	JES common health check	<a href="#"><i>z/OS MVS System Messages, Vol 6 (GOS-IEA)</i></a>
IBM	PL/I	IBM Enterprise PL/I for z/OS library ( <a href="http://www.ibm.com/support/docview.wss?uid=swg27036735">www.ibm.com/support/docview.wss?uid=swg27036735</a> )
ICE	DFSORT sort program	<a href="#"><i>z/OS DFSORT Messages, Codes and Diagnosis Guide</i></a>
ICH	Resource Access Control Facility (RACF®)	<a href="#"><i>z/OS Security Server RACF Messages and Codes</i></a>
ICK	Device Support Facilities	<i>Device Support Facilities User's Guide and Reference, GC35-0033</i>
ICM	IBM Content Manager Enterprise Edition	<i>IBM Content Manager Enterprise Edition: Messages and Codes</i>
ICN	NCP/SSP/EP	<i>NCP/SSP/EP Messages and Codes, SC30-3169</i>
ICP	Input/Output Configuration Program (IOCP)	<a href="#"><i>z/OS MVS System Messages, Vol 6 (GOS-IEA)</i></a> <i>Input/Output Configuration Program User's Guide and Reference, GC28-1027</i>
ICQA	Information Center Facility administrator messages	<a href="#"><i>z/OS TSO/E Messages</i></a>
ICQC	Information Center Facility user messages	<a href="#"><i>z/OS TSO/E Messages</i></a>



Table 1. Directory of messages by prefix and component (continued)

Prefix	Component	Title
ICT	Programmed Cryptographic Facility	<a href="#">z/OS MVS System Messages, Vol 6 (GOS-IEA)</a>
ICU	Cryptographic Unit Support	<a href="#">z/OS MVS System Messages, Vol 6 (GOS-IEA)</a>
IDA	Virtual Storage Access Method (VSAM)	<a href="#">z/OS MVS System Messages, Vol 6 (GOS-IEA)</a>
IDC	Access method services	<a href="#">z/OS MVS System Messages, Vol 6 (GOS-IEA)</a>
IEA	<ul style="list-style-type: none"> <li>• Allocation/unallocation</li> <li>• Auxiliary storage manager (ASM)</li> <li>• Contents supervision</li> <li>• Communications task (COMMTASK)</li> <li>• Data Facility Product (DFP) components</li> <li>• Generalized trace facility (GTF)</li> <li>• Initial program load (IPL)</li> <li>• Input/output supervisor (IOS)</li> <li>• Master scheduler</li> <li>• Nucleus initialization program (NIP)</li> <li>• Program Call authorization (PC/AUTH) service routines</li> <li>• Reconfiguration</li> <li>• Recovery termination manager (RTM)</li> <li>• Supervisor control</li> <li>• System resources manager</li> <li>• System trace</li> <li>• Timer supervision</li> <li>• Virtual storage management (VSM)</li> </ul>	<a href="#">z/OS MVS System Messages, Vol 6 (GOS-IEA)</a> , <a href="#">z/OS MVS Dump Output Messages</a>
IEAH	SDUMP (SCDMP)	<a href="#">z/OS MVS System Messages, Vol 6 (GOS-IEA)</a>
IEATH	Timer supervision	<a href="#">z/OS MVS System Messages, Vol 6 (GOS-IEA)</a>
IEAVEH	Supervisor Control	<a href="#">z/OS MVS System Messages, Vol 6 (GOS-IEA)</a>
IEAVTRH	Recovery Termination Manager (RTM)	<a href="#">z/OS MVS System Messages, Vol 6 (GOS-IEA)</a>
IEB	Data Facility Product (DFP) utilities	<a href="#">z/OS MVS System Messages, Vol 7 (IEB-IEE)</a>
IEC	<ul style="list-style-type: none"> <li>• OPEN/CLOSE/EOV</li> <li>• DADSM</li> <li>• Access methods</li> </ul>	<a href="#">z/OS MVS System Messages, Vol 7 (IEB-IEE)</a> , <a href="#">z/OS DFSMSdftp Diagnosis</a>



Table 1. Directory of messages by prefix and component (continued)

Prefix	Component	Title
IEE	<ul style="list-style-type: none"> <li>• Auxiliary storage manager (ASM)</li> <li>• Communications task (COMMTASK)</li> <li>• Data Facility Product (DFP) components</li> <li>• JES2</li> <li>• JES3</li> <li>• Master scheduler</li> <li>• Reconfiguration</li> <li>• Recovery termination manager (RTM)</li> <li>• Supervisor control</li> <li>• System management facilities (SMF)</li> <li>• System resources manager (SRM)</li> <li>• System trace</li> <li>• Task management</li> <li>• Timer supervision</li> </ul>	<p><a href="#">z/OS MVS System Messages, Vol 7 (IEB-IEE)</a>,  <a href="#">z/OS MVS Dump Output Messages</a></p>
IEF	<ul style="list-style-type: none"> <li>• Allocation/unallocation</li> <li>• Converter/interpreter</li> <li>• Data Facility Product (DFP) components</li> <li>• Initial program load (IPL)</li> <li>• Initiator/terminator</li> <li>• JES/scheduler services</li> <li>• JES2</li> <li>• Master scheduler</li> <li>• Master subsystem/subsystem interface (MSI)</li> <li>• Reconfiguration</li> <li>• Scheduler JCL facilities (SJF)</li> <li>• Scheduler restart</li> <li>• Scheduler services (ENF)</li> <li>• System management facilities (SMF)</li> </ul>	<p><a href="#">z/OS MVS System Messages, Vol 8 (IEF-IGD)</a>,  <a href="#">z/OS MVS Dump Output Messages</a></p>
IEFC	Converter	<a href="#">z/OS MVS System Messages, Vol 8 (IEF-IGD)</a>
IEFI	Converter/interpreter	<a href="#">z/OS MVS System Messages, Vol 8 (IEF-IGD)</a>
IEH	Data Facility Product (DFP) utilities	<a href="#">z/OS MVS System Messages, Vol 8 (IEF-IGD)</a>
IEV	Assembler H	<i>Assembler H Version 2 Application Programming: Guide</i> , SC26-4036
IEW	<ul style="list-style-type: none"> <li>• Linkage editor</li> <li>• Binder</li> <li>• Transport utility</li> <li>• Loader</li> </ul>	<a href="#">z/OS MVS System Messages, Vol 8 (IEF-IGD)</a>

<i>Table 1. Directory of messages by prefix and component (continued)</i>		
<b>Prefix</b>	<b>Component</b>	<b>Title</b>
IFA	System management facilities (SMF)	<a href="#">z/OS MVS System Messages, Vol 8 (IEF-IGD)</a> , <a href="#">z/OS MVS Dump Output Messages</a>
IFB	Input/output environment recording routines: OBR and SVC 76	<a href="#">z/OS MVS System Messages, Vol 8 (IEF-IGD)</a>
IFC	IFCDIP00 service aid for the logrec data set IFCEREPO and IFCEREP1 service aids	<a href="#">z/OS MVS System Messages, Vol 8 (IEF-IGD)</a> , <i>Environmental Record Editing and Printing Program (EREP) User's Guide and Reference</i> , GC28-1378
IFD	Online test executive program (OLTEP)	OS/390® MVS System Messages, Vol. 4, GC28-1787
IFL	Network Control Program (NCP) Advanced Communications Function (ACF) for Network Control Program (NCP)	<i>3704 and 3705 Control Program Generation and Utilities Guide and Reference Manual</i> , GC30-3008 <i>Network Control Program/System Support Programs/Emulation Programs Messages and Codes</i> , SC30-3169
IFO	MVS Assembler	<i>OS/VS - VM/370 Assembler Programmer's Guide</i> , GC33-4021
IGD	Storage management subsystem (SMS) of Data Facility Product (DFP)	<a href="#">z/OS MVS System Messages, Vol 8 (IEF-IGD)</a> , <a href="#">z/OS MVS Dump Output Messages</a>
IGF	Dynamic device reconfiguration (DDR) Machine check handler (MCH)	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
IGGHC	DFSMS Catalog	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
IGGN	Data Facility Product (DFP)	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
IGV	Virtual storage management (VSM)	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
IGW	Data Facility Product (DFP) Storage management subsystem (SMS)	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a> , <a href="#">z/OS MVS Dump Output Messages</a>
IGY	VS COBOL II	<i>VS COBOL II Application Programming Guide</i> , SC26-4045
IGZ	VS COBOL II	<i>VS COBOL II Application Programming: Debugging</i> , <a href="#">z/OS Language Environment Debugging Guide</a>
IHJ	Data Facility Product (DFP) checkpoint/scheduler restart	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
IHV	IBM Z® System Automation	IBM System Automation for z/OS ( <a href="http://www.ibm.com/support/knowledgecenter/SSWRCJ">www.ibm.com/support/knowledgecenter/SSWRCJ</a> )
IKF	VS COBOL II	<i>VS COBOL II Application Programming: Debugging</i> , SC26-4049
IKJ	Time Sharing Option Extensions (TSO/E)	<a href="#">z/OS TSO/E Messages</a> , <a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a> , <a href="#">z/OS MVS Dump Output Messages</a>
IKM	Programming Language/I (PL/I) syntax checker	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>

<i>Table 1. Directory of messages by prefix and component (continued)</i>		
<b>Prefix</b>	<b>Component</b>	<b>Title</b>
IKT	Time Sharing Option Extensions (TSO/E) IBM Communications Server – SNA	<a href="#">z/OS TSO/E Messages</a> <a href="#">z/OS Communications Server: SNA Messages</a>
ILM	IBM License Manager	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
ILR	Auxiliary storage manager (ASM)	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
ILX	VS FORTRAN Compiler	<i>VS FORTRAN Version 2 Programming Guide for CMS and MVS</i> , SC26-4222
ING	IBM Z System Automation	IBM System Automation for z/OS ( <a href="http://www.ibm.com/support/knowledgecenter/SSWRCJ">www.ibm.com/support/knowledgecenter/SSWRCJ</a> )
INM	Interactive Data Transmission Facility (IDTF) TRANSMIT and RECEIVE commands	<a href="#">z/OS TSO/E Messages</a>
IOAC	Open Systems Adapter-Express® (OSA-Express)	Open Systems Adapter-Express Customer's Guide and Reference ( <a href="http://www.ibm.com/servers/resourcelink/lib03010.nsf/pagesByDocid/BC4AE2E43BF12C85256CEE00D1130?OpenDocument">www.ibm.com/servers/resourcelink/lib03010.nsf/pagesByDocid/BC4AE2E43BF12C85256CEE00D1130?OpenDocument</a> )
IOP	Input/output configuration program (IOCP)	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
IOS	Input/output supervisor (IOS)	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a> , <a href="#">z/OS MVS Dump Output Messages</a>
IPD	FORTRAN syntax checker	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
IQP	PCI Express	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
IRA	System resources manager (SRM)	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a> , <a href="#">z/OS MVS Dump Output Messages</a>
IRD	ESCON Director Device Support (EDDS)	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
IRR	Resource Access Control Facility (RACF)	<a href="#">z/OS Security Server RACF Messages and Codes</a>
IRX	Time Sharing Option Extensions (TSO/E) restructured extended executor language (REXX)	<a href="#">z/OS TSO/E Messages</a>
ISG	Global resource serialization	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a> , <a href="#">z/OS MVS Dump Output Messages</a>
ISN	Service Processor Interface	<a href="#">z/OS MVS System Messages, Vol 9 (IGF-IWM)</a>
ISP	Interactive System Productivity Facility	<a href="#">z/OS ISPF Messages and Codes</a>
ISQ	IBM Z System Automation	IBM System Automation for z/OS ( <a href="http://www.ibm.com/support/knowledgecenter/SSWRCJ">www.ibm.com/support/knowledgecenter/SSWRCJ</a> )
ISRB	Interactive system productivity facility	<a href="#">z/OS ISPF Messages and Codes</a>
ISRL	Library management facility	<a href="#">z/OS ISPF Messages and Codes</a>
IST	IBM Communications Server – SNA	<a href="#">z/OS Communications Server: SNA Messages</a>
ISU	IBM Communications Server – SNA	<a href="#">z/OS Communications Server: SNA Messages</a>

Table 1. Directory of messages by prefix and component (continued)

Prefix	Component	Title
ITA	TOLTEP for Advanced Communications Function for Virtual Telecommunications Access Method (ACF/VTAM®)	<i>Advanced Communications Function for VTAM Messages and Codes</i> , SC27-0614, SC27-0470, SC23-0114
ITT	Component trace	<i>z/OS MVS System Messages, Vol 9 (IGF-IWM)</i> , <i>z/OS MVS Dump Output Messages</i>
ITV	Data-in-virtual	<i>z/OS MVS System Messages, Vol 9 (IGF-IWM)</i> , <i>z/OS MVS Dump Output Messages</i>
ITZ	Transaction trace	<i>z/OS MVS System Messages, Vol 9 (IGF-IWM)</i> , <i>z/OS MVS Dump Output Messages</i>
IST	IBM Communications Server – SNA	<i>z/OS Communications Server: SNA Messages</i>
IVT	IBM Communications Server – SNA	<i>z/OS Communications Server: SNA Messages</i>
IWM	Workload manager (WLM)	<i>z/OS MVS System Messages, Vol 9 (IGF-IWM)</i> , <i>z/OS MVS Dump Output Messages</i>
IXC	Cross-system coupling facility (XCF)	<i>z/OS MVS System Messages, Vol 10 (IXC-IZP)</i> , <i>z/OS MVS Dump Output Messages</i>
IXG	System logger (SCLOG)	<i>z/OS MVS System Messages, Vol 10 (IXC-IZP)</i>
IXL	Cross System Extended Services (XES)	<i>z/OS MVS System Messages, Vol 10 (IXC-IZP)</i> , <i>z/OS MVS Dump Output Messages</i>
IXP	Input/output configuration program (IOCP)	<i>z/OS MVS System Messages, Vol 10 (IXC-IZP)</i>
IXZ	JES common coupling services (JESXCF)	<i>z/OS MVS System Messages, Vol 10 (IXC-IZP)</i> , <i>z/OS MVS Dump Output Messages</i> <i>z/OS MVS Dump Output Messages</i>
IYP	Input/output configuration program (IOCP)	<i>z/OS MVS System Messages, Vol 10 (IXC-IZP)</i>
IZP	Input/output configuration program (IOCP)	<i>z/OS MVS System Messages, Vol 10 (IXC-IZP)</i> , <i>ES/9000 IOCP User's Guide and ESCON CTC Reference Volume A04</i> , GC38-0401
SNM	IBM Communication Server – IP	<i>z/OS Communications Server: IP Messages Volume 4 (EZZ, SNM)</i>
USS	IBM Communications Server – SNA	<i>z/OS Communications Server: SNA Messages</i>

## Building your own message library

If you are an operator or a programmer for an installation, you can build your own libraries of the message and code information that fits your specific needs. You can place into binders the chapters and documents that contain only the messages and codes you receive.

### Basic documents

Each installation requires at least one copy of each volume of *MVS System Messages* and of *z/OS MVS Dump Output Messages*. Regardless of the specific options of your system, you will receive at the console or in listings some subset of the messages in these documents.

Each installation also requires at least one copy of *z/OS MVS System Codes*, which contains the 3-digit hexadecimal system completion codes (abend codes) and the wait state codes produced by all the components of the system.

**Note:** 4-digit decimal user completion codes appear in documents for the component, subsystem, or product that produces the codes. Codes produced by installation-provided programs do not appear in IBM documents.

All programming and operations personnel need access to the basic documents, although application programmers might not need to have their own copies.

## Optional documents

For information about message changes for multiple z/OS elements including JES2, JES3, RACF, TCP/IP, and others, see *z/OS Release Upgrade Reference Summary*.

## Translating messages

---

Using the MVS message service (MMS), you can translate MVS system messages into other languages. The following messages *cannot* be translated:

- Initialization messages
- DFSMS messages
- JES3 messages
- Some complicated multiple-line messages

See *z/OS MVS Planning: Operations* and *z/OS MVS Programming: Assembler Services Guide* for information about using the MMS.



## Chapter 2. EDG messages

### Format of DFSMSrmm messages

This topic contains the messages issued by DFSMSrmm. The format of DFSMSrmm error messages is:

- EDGcnnnx

where:

- EDG is the DFSMSrmm identifier
- c is an alphanumeric identifier assigned to a component of DFSMSrmm. The message component identifiers are assigned as follows:

C value	Component
0	Subsystem initialization
1	Subsystem interface
2	Subsystem main task
3	TSO commands and API
4	Open/Close/End-of-Volume exits
5	Report programs
6	Batch programs and utilities
7	Conversion programs
8	DFSMSshm interface
9	Common routines, such as PARSE
C	CIM provider
H	Health and Migration check messages

- nnn is a 3 or 4 digit message number
- x indicates the severity of the error. The value x can be:

Identifier	Explanation
A	<b>Action:</b> The operator must perform a specific action.
D	<b>Decision:</b> The operator must choose among alternatives.
E	<b>Eventual action:</b> For messages displayed at the console, the operator must perform an action when time is available. For messages not displayed at the console, the message provides information about an error. The programmer needs to take action to resolve the problem.
I	<b>Informational:</b> No operator action required. Information for the system programmer.
S	<b>Severe error:</b> Information for a system programmer.
W	<b>Warning:</b> The message provides information for an error that should be corrected by the system programmer. This message suffix is not used on console messages.

## EDG messages

---

**EDG0001I**

**DFSMSrmm SUBSYSTEM INTERFACE INITIALIZATION COMPLETE FOR ENTRY *ssname***

### Explanation

The DFSMSrmm subsystem initialization routine has completed successfully and is prepared for the subsystem procedure to be started with the START command.

0

In the message text:

***ssname***

Identifies the entry in the IEFSSNxx member in SYS1.PARMLIB that is being used

### System action

The system will reject all tape mounts until the DFSMSrmm subsystem is started.

### Operator response

Start the DFSMSrmm subsystem to prevent tape mounts from being rejected.

### Source

DFSMSrmm

### Module

EDGSSSI

### Routing code

2

### Descriptor code

4

---

**EDG0002E**

**DFSMSrmm SUBSYSTEM INTERFACE INITIALIZATION FAILED FOR ENTRY *ssname***

### Explanation

The DFSMSrmm subsystem initialization routine failed to initialize the subsystem interface.

In the message text:

***ssname***

Identifies an entry in the IEFSSNxx member in SYS1.PARMLIB

### System action

Normal use of tape volumes might not be possible unless the subsystem is initialized.

### Operator response

Inform the system programmer. The operator can retry the request to initialize the subsystem interface when the DFSMSrmm subsystem is started by replying to Message EDG0103D.



## System programmer response

Verify that the DFSMSrmm programs are correctly installed. If there are multiple entries in IEFSSNxx with EDGSSSI specified, then look for other messages denoting success or failure of initialization for the other subsystem names defined. If this is the only entry for DFSMSrmm in IEFSSNxx, then no automatic recording or validation of tape volumes is possible.

### Source

DFSMSrmm

### Module

EDGSSSI

### Routing code

1

### Descriptor code

11

---

**EDG0003E** DFSMSrmm SUBSYSTEM INTERFACE INCOMPLETE - CSECT *csect\_name*  
MISSING FROM MODULE *module\_name*

### Explanation

A required module, *csect\_name*, was not found in the load module *module\_name*.

In the message text:

#### ***csect\_name***

Control section name

#### ***module\_name***

Name of the load module

### System action

Initialization continues but will be incomplete.

### Operator response

Inform the system programmer.

### System programmer response

Reinstall the DFSMSrmm programs.

### Source

DFSMSrmm

### Module

EDGSSSI

### Routing code

1

## Descriptor code

11

---

EDG0004E

DFSMSrmm SUBSYSTEM INTERFACE INCOMPLETE - ID *text* MISSING  
FROM CSECT *csect\_name*

## Explanation

DFSMSrmm initialization information is incomplete.

In the message text:

### ***text***

Descriptive text

### ***csect\_name***

Control section name

## System action

Initialization continues but the DFSMSrmm subsystem interface is set to inactive.

## Operator response

Inform the system programmer.

## System programmer response

Report this error to the IBM Support Center, along with the complete message text for this error.

## Source

DFSMSrmm

## Module

EDGSSSI

## Routing code

1

## Descriptor code

11

---

EDG0005E

DFSMSrmm SUBSYSTEM INTERFACE INITIALIZATION FAILED WITH  
COMPLETION CODE *abend\_code*

## Explanation

An abend with completion code *abend\_code* occurred during DFSMSrmm subsystem initialization. Subsystem initialization fails.

In the message text:

### ***abend\_code***

The abend code associated with the request

## System action

No recovery is possible. The system writes an SVC dump to aid problem determination.

## Operator response

Inform the system programmer.

## System programmer response

Consult *z/OS MVS System Codes* to see if there is any immediate corrective action possible. If the error cannot be corrected, report the error to the IBM Support Center. Provide the SVC dump.

## Source

DFSMSrmm

## Module

EDGSSSI

## Routing code

1

## Descriptor code

11

---

EDG0006E

DFSMSrmm SUBSYSTEM INTERFACE INITIALIZATION FAILED WITH  
RETURN CODE *return\_code*, ADDRESS *address*

## Explanation

A routine required by DFSMSrmm failed with a return code of *return\_code*.

In the message text:

### ***return\_code***

Value returned indicating the results of processing

### ***address***

The address where the subsystem initialization module failed

## System action

Subsystem initialization did not complete successfully.

## Operator response

Inform the system programmer.

## System programmer response

Report this error to the IBM Support Center, along with the complete message text.

## Source

DFSMSrmm

**Module**

EDGSSSI

**Routing code**

1

**Descriptor code**

11

---

**EDG0007E****DFSMSrmm SUBSYSTEM INTERFACE INITIALIZATION FAILED WITH  
RETURN CODE *return\_code*****Explanation**

A routine required by DFSMSrmm failed with a return code of *return\_code*

In the message text:

***return\_code***

An internal DFSMSrmm value returned indicating the results of processing

**System action**

Subsystem initialization did not complete successfully.

**Operator response**

Inform the system programmer.

**System programmer response**

Report this error to the IBM Support Center, along with the complete message text.

**Source**

DFSMSrmm

**Module**

EDGSSSI

**Routing code**

1

**Descriptor code**

11

---

**EDG0008E****ESTAE CREATE FAILED****Explanation**

The initialization routine could not establish a recovery environment during subsystem initialization.

**System action**

Initialization failed.

**Operator response**

Inform the system programmer.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGSSSI

---

**EDG0009E****DFSMSrmm SUBSYSTEM INTERFACE INITIALIZATION INCOMPLETE -  
MESSAGE BROADCAST REQUEST FAILED****Explanation**

The initialization routine could not establish a recovery environment during subsystem initialization.

**System action**

Initialization failed.

**Operator response**

Inform the system programmer.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGSSSI

**Routing code**

1

**Descriptor code**

11

---

**EDG0010I****DFSMSrmm SUBSYSTEM INTERFACE FOR ENTRY *ssname1* CANNOT BE  
INITIALIZED, ENTRY *ssname2* IS ALREADY INITIALIZED**

## Explanation

The initialization routine could not initialize the subsystem interface because a previous entry, defined in IEFSSNxx in SYS1.PARMLIB, has already been initialized.

In the message text:

### ***ssname1***

Is the subsystem name in IEFSSNxx in SYS1.PARMLIB that failed to be initialized

### ***ssname2***

Is a previous subsystem name in IEFSSNxx in SYS1.PARMLIB that has already been initialized

## System action

Initialization for the specified subsystem *ssname1* fails.

## Operator response

Inform the system programmer.

## System programmer response

Review the subsystems defined in IEFSSNxx in SYS1.PARMLIB, and remove any duplicate entries that specify EDGSSSI. Only one entry in IEFSSNxx specifying EDGSSSI is supported.

## Source

DFSMSrmm

## Module

EDGSSSI

## Routing code

1/p>

## Descriptor code

11

---

**EDG0011E**

**DFSMSrmm CANNOT RECORD TAPE VOLUME I/O ERRORS -  
INITIALIZATION CONTINUES. SVC FLAGS = *flags***

## Explanation

The DFSMSrmm initialization routine detected an unacceptable value in the system SVC table for the tape volume error recording interface.

In the message text:

### ***flags***

Is the value of the SVC flags field from the SVC table record.

## System action

The tape volume error recording interface was not initialized. DFSMSrmm initialization continues.

## Operator response

Inform the system programmer.

## System programmer response

Check the SVC 83 record in the system SVC table. It should be defined as a type 3 SVC and must be APF authorized (X'C8000000').

### Source

DFSMSrmm

### Module

EDGMINT

### Routing code

2

### Descriptor code

11

---

<b>EDG0101I</b>	<b>STARTED TASK ENDED BECAUSE THE DFSMSrmm SUBSYSTEM IS ALREADY ACTIVE</b>
-----------------	--

### Explanation

The DFSMSrmm subsystem is already active, so it is not possible to start another.

### System action

The newly started DFSMSrmm task ends.

### Operator response

None.

### Source

DFSMSrmm

### Module

EDGMAIN

### Routing code

2,3

### Descriptor code

3

---

<b>EDG0102E</b>	<b>STARTED TASK ENDED BECAUSE THE DFSMSrmm SUBSYSTEM IS NOT DEFINED AS A SUBSYSTEM</b>
-----------------	--

### Explanation

DFSMSrmm is not defined as a subsystem in an IEFSSNxx member of SYS1.PARMLIB.

## System action

The started task ends.

## Operator response

Inform the system programmer.

## System programmer response

Define DFSMSrmm as a subsystem.

## Source

DFSMSrmm

## Module

EDGMAIN

## Routing code

2,3

## Descriptor code

3

---

EDG0103D

DFSMSrmm SUBSYSTEM INTERFACE IS INACTIVE - ENTER "IGNORE",  
"CANCEL" OR "RETRY"

## Explanation

During initialization, the subsystem interface was not activated. The operator can reply to ignore the message and continue, cancel the DFSMSrmm subsystem, or retry subsystem interface initialization.

## System action

If the reply is "IGNORE", DFSMSrmm initialization continues and DFSMSrmm TSO subcommands and other subsystem functions operate. DFSMSrmm might not be able to intercept all WTO messages required for mount message and VTS export or import interception, unless some other subsystem has requested WTO broadcasting.

If the reply is "CANCEL", DFSMSrmm ends and no DFSMSrmm subsystem functions are operable.

If the reply is "RETRY", subsystem interface initialization is retried.

## Operator response

Reply as directed by the installation documentation or the system programmer.

## System programmer response

Determine the cause of the initialization failure. Tape volume security and integrity might be compromised if tape volumes are mounted without DFSMSrmm being active.

## Source

DFSMSrmm



**Module**

EDGMAIN, EDGMAIN, EDGMTAB

**Routing code**

1,3

**Descriptor code**

2

---

**EDG0104E****DFSMSrmm SUBSYSTEM INITIALIZATION FAILED****Explanation**

Errors occurred during initialization of the DFSMSrmm subsystem. A diagnostic message precedes this one.

**System action**

The started task ends.

**Operator response**

Inform the system programmer.

**System programmer response**

Analyze the previously issued messages and retry subsystem initialization.

**Source**

DFSMSrmm

**Module**

EDGMAIN

**Routing code**

1,3

**Descriptor code**

3

---

**EDG0105I****DFSMSrmm SUBSYSTEM INITIALIZATION COMPLETE****Explanation**

The DFSMSrmm subsystem is successfully initialized and active.

**System action**

The subsystem is ready to process requests.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGMAIN

**Routing code**

1,3

**Descriptor code**

7

---

**EDG0106E****DFSMSrmm SUBSYSTEM MAIN TASK HAS ABENDED *abend\_code*****Explanation**

The DFSMSrmm subsystem main task ended with the specified *abend\_code*.

In the message text:

***abend\_code***

The abend code associated with the request

**System action**

The system issues an abend code. When any abend code other than X'22' is issued, the system writes an SVC dump to aid problem determination and attempts to recover through re-initialization. When X'22' abend code is issued, no recovery is possible and DFSMSrmm ends. If the abend occurred during DFSMSrmm initialization, DFSMSrmm issues message EDG0107A. The operator can supply different initialization parameters to correct the error.

**Operator response**

Inform the system programmer.

**System programmer response**

If the error is not corrected with different parameters, contact the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMAIN

**Routing code**

1,3

**Descriptor code**

3

---

**EDG0107A****ENTER SUFFIX OF INITIALIZATION MEMBER OR "CANCEL"**

## Explanation

An abend occurred during DFSMSrmm initialization. The operator is prompted to enter different initialization parameters or cancel the DFSMSrmm subsystem.

## System action

DFSMSrmm attempts to re-initialize with the specified parameters. Otherwise, the task ends.

## Operator response

Reply as directed by the installation documentation or system programmer.

## System programmer response

If the error is not corrected with different parameters, report it to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGMAIN

## Routing code

1,3

## Descriptor code

2

---

**EDG0108E**

**DFSMSrmm SUBSYSTEM STARTED WITH INCORRECT EXECUTION  
PARAMETER *parm\_name***

## Explanation

The DFSMSrmm subsystem started with an incorrect parameter specified.

In the message text:

### ***parm\_name***

Name of the incorrect parameter

## System action

The subsystem issues a message prompting the operator to enter the correct parameter.

## Operator response

Reply with a valid DFSMSrmm startup parmlib member suffix. A maximum of two characters can be specified, and they must identify an existing member in the DFSMSrmm parmlib data set.

## System programmer response

Correct the startup procedure by specifying a valid parameter, of one or two characters, to serve as a member name suffix in the DFSMSrmm parmlib member.

**Source**

DFSMSrmm

**Module**

EDGMAIN

**Routing code**

1,3

**Descriptor code**

3

---

**EDG0109E****INCORRECT REPLY - *text* IT MUST BE A TWO CHARACTER SUFFIX OR "CANCEL"****Explanation**

During subsystem startup, a prompt for a valid member name suffix was issued. The reply was incorrect.

In the message text:

***text***

The incorrect reply

**System action**

DFSMSrmm prompts the operator to enter valid initialization parameters.

**Operator response**

Reply to the message with the correct startup parameter. Alternatively, reply "CANCEL" to stop the subsystem startup.

**System programmer response**

Ensure that the DFSMSrmm procedure has a valid parameter specified for the startup member suffix.

**Source**

DFSMSrmm

**Module**

EDGMAIN

**Routing code**

1,3

**Descriptor code**

2

---

**EDG0110D****ENTER TODAY'S DATE WITH FORMAT *date\_string* OR "CANCEL"**

## Explanation

The DFSMSrmm initialization requests that the operator verify the system date by entering the date and day of the week.

In the message text:

### ***date\_string***

Is the date information entered by the operator and consists of:

- A three-character abbreviation of the day of the week: MON, TUE, WED, THU, FRI, SAT, or SUN.
- The date in a date format defined by the installation:
  - European format DD/MM/YYYY
  - American format MM/DD/YYYY
  - ISO or International format YYYY/MM/DD
  - Julian format YYYY/DDD

## System action

The system verifies the date in the *date\_string* and compares it with the system date. If the dates are the same, initialization continues. Otherwise, the system waits for the operator to correct the reply or reset the system date and reissue the reply.

## Operator response

Reply as requested with the correct date, day and date format. Enter "CANCEL" to stop the DFSMSrmm subsystem.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGMAIN

## Routing code

1,3

## Descriptor code

2

---

**EDG011E**

**DATE ENTERED CONTAINS SYNTAX ERROR - *date\_string***

## Explanation

The *date\_string* in the message is the operator response to message EDG0110D. The *date\_string* is not in the correct format.

In the message text:

### ***date\_string***

Contains the date information entered by the operator

## System action

The system prompts the operator for the correct reply.

## Operator response

Supply the date information in the format described in message EDG0110D.

## Source

DFSMSrmm

## Module

EDGMAIN

## Routing code

1,3

## Descriptor code

3

---

**EDG0112E**

**REPLIED DATE *replied\_date* IS NOT DAY OF WEEK *day***

## Explanation

The *replied\_date* in the message is the operator response to message EDG0110D. The *replied\_date* does not correspond to the day of week *day* indicated in the reply.

In the message text:

### ***replied\_date***

The date entered by the operator

### ***day***

Can be: MON, TUE, WED, THU, FRI, SAT or SUN

## System action

The system prompts the operator for the correct reply.

## Operator response

Supply the date information in the format described in message EDG0110D.

## Source

DFSMSrmm

## Module

EDGMAIN

## Routing code

1,3

## Descriptor code

3

---

EDG0113E

DATE ENTERED, *replied\_date*, DOES NOT MATCH SYSTEM DATE,  
*system\_date*

### Explanation

The *replied\_date* is not the same as the *system\_date* indicated in the reply.

In the message text:

#### ***replied\_date***

The date entered by the operator

#### ***system\_date***

The date set for the system when it is started

### System action

The system prompts the operator for the correct reply.

### Operator response

Supply the correct date as requested. If the *replied\_date* was correct, reset the *system\_date* using the MVS SET DATE operator command.

### Source

DFSMSrmm

### Module

EDGMAIN

### Routing code

1,3

## Descriptor code

7

---

EDG0114I

SYSTEM DATE *system\_date* VERIFIED

### Explanation

The *system\_date* has been verified as being correct.

In the message text:

#### ***system\_date***

The date set for the system when it is started

### System action

DFSMSrmm subsystem initialization continues.

### Operator response

None.

**Source**

DFSMSrmm

**Module**

EDGMAIN

**Routing code**

1,3

**Descriptor code**

7

---

**EDG0115D****THE DFSMSrmm SUBSYSTEM IS NOT RUNNING UNDER A JOB ENTRY SYSTEM - SOME DFSMSrmm FUNCTIONS ARE NOT AVAILABLE. REPLY "IGNORE" OR "CANCEL"****Explanation**

When you do not run the DFSMSrmm subsystem under the JES2 or JES3 subsystem, there are functions in DFSMSrmm that cannot be used because they require job entry subsystem services for successful processing. JES2 or JES3 is required if you want to use the NOTIFY function. The NOTIFY function allows you to use DFSMSrmm to notify volume and product owners when the volumes they own become eligible for release or when product volumes are added. Other functions, like displaying diagnostic messages from SORT during inventory management, also require JES2 or JES3 for successful processing.

**System action**

If you reply "IGNORE", DFSMSrmm initialization continues. The notification of owners during release processing is not performed, but DFSMSrmm TSO subcommands and other subsystem functions can be used. If you reply "CANCEL", DFSMSrmm ends and no DFSMSrmm subsystem functions can be used.

**Operator response**

Reply as directed by the installation documentation or the system programmer.

**System programmer response**

If you want to use the NOTIFY function, specify the SUB=JES2 or SUB=JES3 parameter when starting the DFSMSrmm procedure.

**Source**

DFSMSrmm

**Module**

EDGMAIN

**Routing code**

1,3

**Descriptor code**

2



---

EDG0116I

ATTACH OF THE PDA TRACE FACILITY FAILED RETURN CODE *attach\_rc*  
- DFSMSrmm INITIALIZATION CONTINUES WITH PDA INACTIVE

### Explanation

DFSMSrmm was unable to initialize the PDA environment.

In the message text:

#### ***attach\_rc***

The return code from the ATTACH macro.

### System action

Processing continues with PDA tracing inactive.

### Operator response

None.

### System programmer response

Refer to *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN* for the ATTACH macro return code explanation. Examine the return code and take appropriate corrective action. If the error cannot be corrected, report the error to the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGPDO

### Routing code

2,3

### Descriptor code

3

---

EDG0117D

DFSMSrmm DYNAMIC INSTALLATION EXITS INITIALIZATION FAILED –  
REPLY “IGNORE”, “CANCEL” OR “RETRY”

### Explanation

DFSMSrmm is using the CSVDYNEX macro to define the DFSMSrmm installation exits to the Dynamic Exits Facility, and to activate the default exit routines. The request has not completed as expected.

### System action

DFSMSrmm subsystem processing waits for the operator reply. If the reply is:

#### **IGNORE**

The DFSMSrmm subsystem initialization continues. One or more of the installation exits might not have been defined and one or more of the default installation exit modules might not have been activated.

#### **CANCEL**

DFSMSrmm ends and no DFSMSrmm subsystem functions are operable.

**RETRY**

DFSMSrmm retries to initialize all installation exits.

**Operator response**

Reply as directed by the installation documentation or the system programmer.

**System programmer response**

Gather all the related error messages and use them to determine the cause of the initialization failure. Expect this message to be preceded by one or more EDG0311I messages that contain details of the errors encountered. Also one or more of the installation exits might be defined and activated correctly: use the D PROG,EXIT,EN=EDG\_EXIT\* to display a summary of all the DFSMSrmm installation exits, or use D PROG,EXIT,EN=EDG\_EXITn00 for details of a specific installation exit and associated exit modules. See [z/OS MVS System Commands](#) for details about the D PROG,EXIT command. If you can identify the cause of the error and correct it, recommend the RETRY response to the operator. Only reply IGNORE if your use of DFSMSrmm is not limited by the missing installation exit. If necessary, report this error to the IBM support center.

**Source**

DFSMSrmm

**Module**

EDGMAIN

**Routing code**

1,3

**Descriptor code**

2,5

---

EDG0120E

**DFSMSrmm SUBSYSTEM INITIALIZATION FAILED - NO MASTER FILE  
WAS SPECIFIED**

**Explanation**

The DFSMSrmm subsystem could not be started because no valid DFSMSrmm control data set was allocated.

**System action**

The DFSMSrmm task does not start.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that a valid DFSMSrmm control data set is specified. You can specify the DFSMSrmm control data set name in the DFSMSrmm started task procedure in SYS1.PROCLIB, or by using the DSNAME operand of the OPTIONS command in the DFSMSrmm initialization parameters.

**Source**

DFSMSrmm

## Module

EDGMAIN

## Routing code

1,3

## Descriptor code

3

---

**EDG0121E** *file\_name* FILE DYNALLOC ERROR *return\_code* *error\_code* *info\_code*  
*sms\_code, dsname*

## Explanation

An error occurred during dynamic allocation for file *file\_name*.

In the message text:

### ***file\_name***

Can be: MASTER for the DFSMSrmm control data set, or JOURNAL for the journal.

### ***return\_code***

The return code from DYNALLOC (in hexadecimal)

### ***error\_code***

The error code (in hexadecimal)

### ***info\_code***

The information code (in hexadecimal)

### ***sms\_code***

The SMS reason code (in hexadecimal). It appears in the message only when the *error\_code* is 97xx.

### ***dsname***

The name of the data set.

For an explanation of these codes, see [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#).

## System action

The DFSMSrmm started task ends.

## Operator response

Inform the system programmer. When the error has been corrected, restart the DFSMSrmm subsystem.

## System programmer response

Correct the allocation error and request that the DFSMSrmm subsystem is restarted. The DFSMSrmm subsystem must be active before tape mounts can be performed.

## Source

DFSMSrmm

## Module

EDGMAIN

## Routing code

1,3

## Descriptor code

3

---

EDG0122I

NO JOURNAL FILE ALLOCATED - JOURNALING DISABLED

## Explanation

No journal was allocated or defined in the DFSMSrmm startup options.

## System action

The DFSMSrmm control data set journaling function is disabled and initialization continues.

## Operator response

Verify that this is the correct mode of operation for the installation.

## Source

DFSMSrmm

## Module

EDGMAIN

## Routing code

1,3

## Descriptor code

7

---

EDG0123D

*function* FOUND TO BE ACTIVE ON SYSTEM *system\_name* - REPLY "Y"  
TO RESET STATUS OR "N"

## Explanation

During DFSMSrmm startup, when opening the control data set, DFSMSrmm has determined that inventory management or backup is active on system *system\_name*. Operator intervention is required because DFSMSrmm cannot automatically reset the inventory management indicators.

In the message text:

### *function*

The function that is active. It can be: INVENTORY MANAGEMENT or BACKUP.

### *system\_name*

The system name. It can be:

- the DFSMSrmm system name, as defined in the DFSMSrmm startup parameters.
- ‘\*UT.ssss’ which indicates that a DFSMSrmm utility external to the DFSMSrmm subsystem is running. ssss is the SMF ID of the system where the utility was started.
- N/A which indicates that the DFSMSrmm system name is not available.

## System action

The DFSMSrmm subsystem startup waits for a reply to the message. If both inventory management and backup are running, DFSMSrmm issues this message once for each function.

## Operator response

Reply "N" if inventory management is in progress on the named system. Reply "Y" if you want to run inventory management on a system other than the one that failed or if backup was in progress on a system that failed.

## System programmer response

Determine if inventory management or backup should be run on another system and recommend the correct course of action to the operator.

## Source

DFSMSrmm

## Module

EDGAMGR

## Routing code

1,3

## Descriptor code

2

---

**EDG0124E**

**ERROR OPENING FILE *file\_name***

## Explanation

During subsystem initialization, DFSMSrmm was unable to open the file named in the message.

In the message text:

### ***file\_name***

The name of the file that could not be opened

## System action

Subsystem initialization stops.

## Operator response

When the error is corrected, restart the DFSMSrmm procedure.

## System programmer response

Review the error messages issued and correct the error.

## Source

DFSMSrmm

## Module

EDGAMGR

## Routing code

1,3

## Descriptor code

3

---

**EDG0125E**

**INCORRECT VSAM SHAREOPTIONS FOR DFSMSrmm CONTROL DATA SET**

## Explanation

During DFSMSrmm subsystem startup, the DFSMSrmm control data set is opened. The DFSMSrmm control data set share options are checked to ensure they are valid for the current configuration.

## System action

The subsystem startup fails.

## Operator response

Inform the system programmer.

## System programmer response

See *z/OS DFSMSrmm Implementation and Customization Guide* for information on setting the DFSMSrmm control data set share options. Use the AMS ALTER command to change the SHAREOPTIONS.

## Source

DFSMSrmm

## Module

EDGAMGR

## Routing code

1,3

## Descriptor code

3

---

**EDG0126I**

**PARMLIB CDSID *parm\_cds\_id* DOES NOT MATCH THE CDSID *cds\_id* SET IN THE CONTROL DATA SET**

## Explanation

During DFSMSrmm subsystem startup, the DFSMSrmm control data set is opened and the control record is validated against the known values for this system. DFSMSrmm has determined that the current DFSMSrmm control data set does not match the parameter values that were used for this startup.

In the message text:

***parm\_cds\_id***

Is the value you have assigned to the CDSID operand in the parmlib member currently in use.

***cds\_id***

Is the value you have assigned to the CDSID in the DFSMSrmm control data set that DFSMSrmm is now opening for use.

**System action**

The subsystem startup fails.

**Operator response**

Once the error is corrected, restart the DFSMSrmm procedure specifying a valid parmlib member suffix. If you do not know of one, contact the system programmer.

**System programmer response**

Correct the CDSID value in the parmlib member or the name of the DFSMSrmm control data set on the DSNAME operand. The value of the CDSID in both the DFSMSrmm control data set and the parmlib member must be the same.

**Source**

DFSMSrmm

**Module**

EDGAMGR

**Routing code**

1,3

**Descriptor code**

3

---

**EDG0127D**

**RECOVERY OF CONTROL DATA SET ON *date* AT *time* POSSIBLY INCOMPLETE - REPLY "CONTINUE" OR "CANCEL"**

**Explanation**

DFSMSrmm found that the recovery of the control data set by EDGBKUP at the time and date specified was not successful. There might be inconsistencies in the DFSMSrmm control data set.

In the message text:

***date***

Is the date set by EDGBKUP in the DFSMSrmm control data set control record, when it last restored the DFSMSrmm control data set.

***time***

Is the time set by EDGBKUP in the DFSMSrmm control data set control record, when it last restored the DFSMSrmm control data set.

**System action**

DFSMSrmm prompts the operator to reply whether initialization of the DFSMSrmm address space should continue or be canceled.

## Operator response

Reply as directed by the system programmer.

## System programmer response

Verify the contents of the DFSMSrmm control data set, using the EDGUTIL utility, PARM=VERIFY, to determine if any inconsistencies exist in the control data set. If the records containing the inconsistencies refer to volumes that are not critical to the installation, instruct the operator to reply CONTINUE. Otherwise, instruct the operator to reply CANCEL, and perform the corrective actions recommended by the EDGUTIL messages to correct the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGAMGR

## Routing code

1,3

## Descriptor code

2

---

EDG0128E

DFSMSrmm IS NOT LICENSED FOR USE ON THIS SYSTEM

## Explanation

During DFSMSrmm subsystem startup, it was determined that the correct licensing requirements have not been met for use of DFSMSrmm.

## System action

The subsystem startup fails.

## Operator response

None.

## System programmer response

If you are licensed to use DFSMSrmm, update the IFAPRDxx member of PARMLIB to enable the DFSMSRMM feature. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for details.

## Source

DFSMSrmm

## Module

EDGMAIN

## Routing code

1



**Descriptor code**

11

---

**EDG0129E** **DFSMSrmm CANNOT DETERMINE IF IT IS LICENSED FOR USE ON THIS SYSTEM****Explanation**

During DFSMSrmm subsystem startup, DFSMSrmm failed to determine whether the correct licensing requirements are met for use of DFSMSrmm.

**System action**

The subsystem startup fails.

**Operator response**

None.

**System programmer response**

The DFSMSdfp callable system service for licensing compliance, IGWAMCS3, has either not been correctly installed on your system or it failed for environmental reasons. Correct the installation error and restart DFSMSrmm.

**Source**

DFSMSrmm

**Module**

EDGMAIN

**Routing code**

1

**Descriptor code**

11

---

**EDG0130E** **ERROR DETERMINING IF DFSMSrmm IS LICENSED FOR USE ON THIS SYSTEM****Explanation**

During DFSMSrmm subsystem startup, DFSMSrmm attempted to determine that the correct licensing requirements have been met for use of DFSMSrmm.

**System action**

The subsystem startup fails.

**Operator response**

None.

## System programmer response

DFSMSrmm is calling the DFSMSdfp callable system service IGWAMCS3 for licensing compliance with an incorrect parameter. Report the error to the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGMAIN EDGSSSI

### Routing code

1

### Descriptor code

11

---

**EDG0131E**

**DFSMSrmm DID NOT FREE APPROXIMATELY xxxK OF ECSA BECAUSE OF ERRORS - OBTAINING NEW COMMON STORAGE**

## Explanation

During a previous DFSMSrmm subsystem startup, DFSMSrmm detected a storage overlay. The current DFSMSrmm subsystem startup allocates new storage areas to circumvent the problem. You might need to IPL the system to recover the lost storage if there is a shortage of common storage on the system.

In the message text:

**xxx**

This is the amount of ECSA storage that has been lost in kilobytes.

## System action

DFSMSrmm subsystem startup continues with initialization. DFSMSrmm did not free the overlaid storage and obtained new areas in common storage.

## Operator response

Consult your operational procedures to determine when an IPL of the system is possible. An IPL is not essential but is required to release the unused storage. An IPL might be necessary if there are shortages of common storage. Inform the system programmer.

## System programmer response

Determine how much common storage is not allocated on the system and decide if an IPL is required to recover the lost storage. Gather information from the previous subsystem startups such as messages and dumps so that the storage overlay problem can be investigated. Report the error to the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGMAIN

## Routing code

1,3

## Descriptor code

3

---

**EDG0132E**

**FAILED TO ESTABLISH HEALTH CHECKER ENVIRONMENT** *service*  
**RETURN CODE** *return code* **REASON CODE** *reason code*

## Explanation

The DFSMSrmm initialization routine could not establish the DFSMSrmm health checker exit. In the message text:

### **service**

One of :

- CSVDYNEX dynamic exit service load
- HZSCHECK health checker exit call

### **return code**

This is the return code, in decimal, set by either the CSVDYNEX macro or by HZSCHECK.

### **reason code**

This is the reason code, in hexadecimal, set by either the CSVDYNEX macro or by HZSCHECK.

## System action

Initialization continues. The DFSMSrmm health checker exit is not activated.

## Operator response

Inform the system programmer.

## System programmer response

Determine if there is any installation or configuration error by referring to the return and reason code in the message. If you cannot resolve the problem, report the error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGMAIN

## Routing code

1,3

## Descriptor code

5,7

---

**EDG0150E**

**ABEND Ssystem\_code Uuser\_code IN SECTION section\_id DETECTED**  
**DURING RECOVERY, DFSMSrmm CLOSING DOWN**

## Explanation

The subsystem failed during recovery from a previous error.

In the message text:

### ***system\_code***

A code issued by a system component

### ***user\_code***

A code issued by DFSMSrmm

### ***section\_id***

Identifies a section of the load module

## System action

The subsystem stops.

## Operator response

Inform the system programmer.

## System programmer response

Report the error to the IBM Support Center along with the full text of the error message.

## Source

DFSMSrmm

## Module

EDGRCVR

## Routing code

1

## Descriptor code

11

---

EDG0151E

ESTAE LOOP DETECTED DURING RECOVERY - CLEANUP ABANDONED

## Explanation

The subsystem failed while attempting to recover from a previous error.

## System action

The subsystem stops.

## Operator response

Inform the system programmer.

## System programmer response

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGRCVR

**Routing code**

1

**Descriptor code**

11

---

**EDG0152E****FUNCTION *function* FAILED WITH RETURN CODE *return\_code*****Explanation**

The subsystem failed during recovery from a previous error.

In the message text:

***function***

The name of the recovery activity that failed

***return\_code***

Value returned indicating the results of processing

**System action**

The subsystem stops.

**Operator response**

Inform the system programmer.

**System programmer response**

Report the error to the IBM Support Center with the full text of the error message.

**Source**

DFSMSrmm

**Module**

EDGRCVR

**Routing code**

1

**Descriptor code**

11

---

**EDG0154I****SHUTDOWN OF DFSMSrmm DELAYED BY ANOTHER ADDRESS SPACE**



## Operator response

If the reason for the delay is an outstanding WTOR, reply to the outstanding WTOR for the address space holding the resource so the DFSMSrmm function in that address space can complete. If you need to view the complete list of address spaces at any time, you can enter the following command to determine which address space is holding the resource SYSZRMM/SHUTDOWN:

```
GRS,RES=(SYSZRMM,SHUTDOWN),DET,SCOPE=SYSTEM
```

## System programmer response

None.

### Source

DFSMSrmm

### Module

EDGRCVR

### Routing code

1

### Descriptor code

11

---

<b>EDG0156E</b>	<b>SYSTEM SERVICE <i>routine_name</i> FAILED RETURN CODE <i>return_code</i></b> <b>REASON CODE <i>reason_code</i></b>
-----------------	--

## Explanation

DFSMSrmm issues this message when the system service or macro ends with a return code greater than 0.

In the message text,

### ***routine\_name***

Is the name of the system service or macro that has failed. It can be either STORAGE or ISGQUERY.

### ***return\_code***

Is the return code from the system service.

### ***reason\_code***

Is the reason code from the system service.

## System action

DFSMSrmm shutdown continues, but skips message EDG0155I.

## Operator response

Inform the system programmer. Because message EDG0155I is skipped, you must enter the following command to determine which address space is holding the resource SYSZRMM/SHUTDOWN:

```
D GRS,RES=(SYSZRMM,SHUTDOWN),DET,SCOPE=SYSTEM
```

## System programmer response

See the return codes and reason codes of STORAGE/ISGQUERY macro in [z/OS MVS Programming: Assembler Services Reference IAR-XCT](#). If the problem is caused by an IBM product, report the problem to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGRCVR

## Routing code

3,5,11

## Descriptor code

7

---

EDG0181I

DFSMSrmm SUBSYSTEM INTERFACE SUCCESSFULLY INACTIVATED

## Explanation

The DFSMSrmm utility EDGRESET has successfully deactivated the subsystem interface.

## System action

DFSMSrmm no longer processes any subsystem requests such as TSO subcommands, and recording and validation of tape processing, unless DFSMSrmm is restarted.

## Operator response

None.

## System programmer response

The DFSMSrmm subsystem can be restarted in any mode to enable the subsystem interface. DFSMSrmm is not involved in tape processing while running in manual mode because no recording is done while running in manual mode. Setting the running mode is described in [z/OS DFSMSrmm Implementation and Customization Guide](#).

## Source

DFSMSrmm

## Module

EDGRESET

## Routing code

2,3

## Descriptor code

4



**Explanation**

The user attempted to use the EDGRESET utility to reset the subsystem interface, without authorization to do so.

**System action**

The program ends.

**Operator response**

Inform the system programmer.

**System programmer response**

Update the access list of the security resource described in *z/OS DFSMSrmm Implementation and Customization Guide* to authorize the user.

**Source**

DFSMSrmm

**Module**

EDGRESET

**Routing code**

1,3

**Descriptor code**

3

**Explanation**

The user attempted to use the EDGRESET utility to reset the subsystem interface without authorization to do so. Until a security resource has been created, no one is permitted to use the utility.

**System action**

The program ends.

**Operator response**

Inform the system programmer.

**System programmer response**

Update the security resource access list as described in *z/OS DFSMSrmm Implementation and Customization Guide* to authorize the user and enable requests.

## Source

DFSMSrmm

## Module

EDGRESET

## Routing code

1,3

## Descriptor code

3

---

**EDG0201E**

**PARMLIB DYNAMIC ALLOCATION ERROR** *return\_code error\_code  
info\_code*

## Explanation

An error occurred during dynamic allocation or unallocation for the SYS1.PARMLIB data set.

In the message text:

### ***return\_code***

The return code from DYNALLOC expressed in hexadecimal

### ***error\_code***

The error code expressed in hexadecimal

### ***info\_code***

The information code expressed in hexadecimal

For an explanation of these codes, see [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#).

## System action

DFSMSrmm subsystem initialization stops. This message is followed by message EDG0107A, prompting the operator for new startup parameters. If the DYNALLOC code is for unallocation, the error has been detected during DFSMSrmm shutdown or restart processing.

## Operator response

Inform the system programmer. When the error has been corrected, reply to message EDG0107A as directed.

## System programmer response

Correct the allocation error and request that the DFSMSrmm subsystem is restarted. The DFSMSrmm subsystem must be active before tape mounts can be performed.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0202E**

**PARAMETER PARSING HAS FAILED - FUNCTION *function\_name*  
RETURN CODE *return\_code***

## Explanation

While processing the DFSMSrmm initialization parameters, an unidentified parameter or a parameter with incorrect data was found.

In the message text:

### ***function\_name***

The name of the failing function, which can be: PARSE, IKJPARS or IKJSCAN

### ***return\_code***

Value returned indicating the results of processing

## System action

DFSMSrmm ignores the parameter and attempts to continue initialization.

## Operator response

Inform the system programmer.

## System programmer response

Correct the error and, if necessary, see to it that DFSMSrmm is reinitialized.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0203E**

**CONTINUATION RECORD DETECTED ON LAST RECORD OF PARMLIB**

## Explanation

One or more parameter statements contains a syntax error.

## System action

DFSMSrmm initialization continues using defaults where appropriate. The operator is prompted whether to continue or not.

## Operator response

Inform the system programmer. DFSMSrmm issues message EDG0215D. The operator can reply to continue with the defaults or to stop the job.

## System programmer response

Correct the error and, if necessary, ensure that DFSMSrmm is reinitialized.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0204I** DFSMSrmm BEING INITIALIZED FROM MEMBER *member\_name* IN  
*parmlib\_dataset*

## Explanation

DFSMSrmm is using the indicated member to obtain initialization parameters.

In the message text:

### ***member\_name***

Lists the member of parmlib data set being used for initialization

### ***parmlib\_dataset***

Lists the name of the current parmlib data set

## System action

Initialization continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

7

---

**EDG0205E**

**ABEND Ssystem\_code Uuser\_code ab\_reason DURING PARAMETER  
PROCESSING**

## Explanation

An abend with the specified *system\_code* or *user\_code* occurred during processing of the initialization parameters.

In the message text:

### **system\_code**

A code issued by a system component

### **user\_code**

A code issued by DFSMSrmm

### **ab\_reason**

Is a reason code value of the occurred abend. If the user abend took place, the abend reason code value is an internal value set by DFSMSrmm.

## System action

DFSMSrmm initialization stops. This message is followed by message EDG0107A.

## Operator response

Inform the system programmer. When the error has been corrected, reply to message EDG0107A as directed.

## System programmer response

Determine the cause of the abend and retry. See [z/OS MVS System Codes](#) for information about the abend code.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0206E**

**MEMBER *member\_name* NOT PRESENT IN *parmlib\_dataset***

## Explanation

During subsystem initialization, DFSMSrmm did not find the member, *member\_name*, containing startup parameters in the named *parmlib\_dataset*.

In the message text:

***member\_name***

Lists the member of parmlib data set being used for initialization

***parmlib\_dataset***

Lists the name of the current parmlib data set

**System action**

The subsystem will suspend its operations. Message EDG0107A is issued to provide an opportunity to specify a different member name.

**Operator response**

Report the error to the system programmer.

**System programmer response**

Make sure that a valid member exists in the parmlib data set.

**Source**

DFSMSrmm

**Module**

EDGPARM

**Routing code**

3

**Descriptor code**

3

---

**EDG0207E**

**SMF NUMBER FOR SMFAUD CANNOT EQUAL THAT FOR SMFSEC - NO  
AUDIT RECORDS WILL BE PRODUCED**

**Explanation**

The SMFAUD and SMFSEC operands provided as startup parameters to DFSMSrmm have the same SMF number. The SMF numbers must be different for DFSMSrmm to write SMF records.

**System action**

DFSMSrmm accepts the SMFSEC value and ignores the SMFAUD value. No SMF audit records are produced. DFSMSrmm issues message EDG0215D which prompts the operator to reply Y or N.

**Operator response**

Report the error to the system programmer. Reply Y to ignore the error and continue processing without correcting the SMFAUD or SMFSEC value. Reply N to stop DFSMSrmm to correct the parmlib values and then restart DFSMSrmm. When the error is corrected, you can restart the subsystem with the MODIFY command.

## System programmer response

Correct the supplied parameters if SMF records are required. You must restart the DFSMSrmm subsystem by using the MVS operator MODIFY command. See [z/OS MVS System Commands](#) for information about the MODIFY command.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0208I**

**RECORD INPUT:- text**

## Explanation

A syntax error was detected in the DFSMSrmm startup parameters.

In the message text:

### **text**

Descriptive text containing the incorrect statement

## System action

This message lists the incorrect input statement.

## Operator response

Report the error to the system programmer. After the error is corrected, restart the DFSMSrmm procedure using the MODIFY command.

## System programmer response

Correct the errors in the startup parameters. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on coding the startup parameters.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

EDG0209E

PARSE MESSAGE:- *text*

## Explanation

A syntax error was detected in the DFSMSrmm startup parameters. The message shows the results of parsing the incorrect record.

In the message text:

### *text*

Error message from IKJPARSE describing the error found during parsing.

## System action

DFSMSrmm issues all related error messages and prompts for a decision to continue initialization.

## Operator response

Report the error to the system programmer. After the error is corrected, restart the DFSMSrmm procedure using the MODIFY command.

## System programmer response

Correct the errors in the startup parameters. See [\*z/OS DFSMSrmm Implementation and Customization Guide\*](#) for information on coding the startup parameters.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

EDG0210E

RECORD CONTAINS INCORRECT SYNTAX

## Explanation

A syntax error has been detected in the DFSMSrmm startup parameters.

## System action

A startup parameter is either not supported or not coded correctly.

## Operator response

Report the error to the system programmer. When the error is corrected, restart the DFSMSrmm procedure using the MODIFY command.



## System programmer response

Correct the errors in the startup parameters. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on coding the startup parameters.

### Source

DFSMSrmm

### Module

EDGPARM

### Routing code

3

### Descriptor code

3

---

**EDG0211I** DFSMSRMM DEFAULTS TABLE LOADED FROM MEMBER <member name> IN <dataset name>

### Explanation

DFSMSrmm is using the indicated member to load the defaults table entries. In the message text: *member\_name* lists the member of parmlib data set being used for the defaults table, as defined in the DEFTABLE option. *parmlib\_dataset* lists the name of the current parmlib data set. The message EDG0206E (MEMBER *member\_name* NOT PRESENT IN *parmlib\_dataset*) will be displayed in case the defaults table is not found in the parmlib.

### System action

Initialization continues.

### Operator response

None.

### System programmer response

MISSING INFO.

### Source

DFSMSrmm

### Module

EDGPARM

### Routing code

3

### Descriptor code

3

---

EDG0215D

**ERRORS DETECTED IN INITIALIZATION PARAMETERS - ENTER "Y" TO  
CONTINUE OR "N" TO CANCEL**

### **Explanation**

Errors were encountered during subsystem initialization while processing the startup parameters. DFSMSrmm issues an error message describing each error.

### **System action**

The subsystem waits for an operator reply to continue initialization or to stop the job.

### **Operator response**

Report the error to the system programmer. Reply "Y" if initialization should continue using the same information already provided. Reply "N" to stop the subsystem-started task.

### **System programmer response**

Decide whether initialization should continue based on the error messages DFSMSrmm issued during initialization.

### **Source**

DFSMSrmm

### **Module**

EDGPARM

### **Routing code**

3

### **Descriptor code**

2

---

EDG0216E

**INCORRECT REPLY TO MESSAGE EDG0215D**

### **Explanation**

The operator has replied to message EDG0215D, but did not use an acceptable value.

### **System action**

Message EDG0215D is reissued.

### **Operator response**

Reply with either "Y" or "N" as requested by message EDG0215D.

### **Source**

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

<b>EDG0217D</b>	<b>DEFTABLE SPECIFIED IN PARMLIB WHILE UXTABLE IS DETECTED IN STORAGE. REPLY U TO USE THE UXTABLE, OR D TO USE THE DEFTABLE AND ERASE THE UXTABLE FROM STORAGE.</b>
-----------------	---

## Explanation

The DEFTABLE option was used while the UXTABLE is loaded into storage. The Defaults Table is an internalized version of the UXTABLE, and the UXTABLE and the Defaults Table cannot both be used simultaneously. If the UXTABLE is no longer needed, it is possible to remove it by replying D.

The EDGRDEF sample script can be used to convert the UXTABLE to a Defaults Table as long as the UXTABLE does not use the following options: POOL and ACLOPT. We recommend to convert the UXTABLE because the Defaults Table is easier to manage and can be viewed using the RMM LISTCONTROL DEFTABLE subcommand.

## System action

The subsystem waits for an operator reply.

## Operator response

Reply D if the UXTABLE is no longer needed and the defaults table is to be used. In that case, the UXTABLE in storage is replaced with an empty table. The currently loaded EDG\_EXIT100 is still operational.

Reply U to keep using the UXTABLE, and disregard the DEFTABLE option in PARMLIB.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

<b>EDG0218E</b>	<b>INCORRECT REPLY TO MESSAGE EDG2017D</b>
-----------------	--

## Explanation

The operator has replied to message EDG0217D, but did not use an acceptable value.

**System action**

Message EDG0217D is reissued.

**Operator response**

Reply with either "Y" or "N" as requested by message EDG0217D.

**Source**

DFSMSrmm

**Module**

EDGPARM

**Routing code**

3

**Descriptor code**

3

---

**EDG0219E****ERROR IN MESSAGE PROCESSING ROUTINE****Explanation**

An attempt to issue a message failed.

**System action**

Processing continues.

**Operator response**

Inform system programmer.

**System programmer response**

Contact the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGPARM

**Routing code**

3

**Descriptor code**

7

---

**EDG0220I****DUPLICATE DSNAMES MASK *dsname\_mask***

## Explanation

While processing the SECCLS startup command, a duplicate data set security mask was found.

In the message text:

***dsname\_mask***  
Data set name mask

## System action

Processing continues. DFSMSrmm issues message EDG0215D which prompts the operator to reply "Y" or "N".

## Operator response

Report the error to the system programmer. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the error in the startup parameters. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on setting the parmlib parameters.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0221E**

**INCORRECT DSNAME MASK *dsname\_mask***

## Explanation

While processing the SECCLS startup command, DFSMSrmm found an incorrect data set security mask specification.

In the message text:

***dsname\_mask***  
Data set name mask

## System action

Processing continues. DFSMSrmm issues message EDG0215D which prompts the operator to reply "Y" or "N".

## Operator response

Report the error to the system programmer. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.



## Descriptor code

3

---

EDG0223E

DUPLICATE SECURITY CLASS NUMBER *number*

## Explanation

While processing the SECCLS startup command, a duplicate security level specification was found.

In the message text:

### *number*

The duplicate security class number

## System action

Processing continues. DFSMSrmm issues message EDG0215D which prompts the operator to reply "Y" or "N".

## Operator response

Report the error to the system programmer. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the error in the startup parameters. See *z/OS DFSMSrmm Implementation and Customization Guide* for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

EDG0224E

MAXRETPD MUST NOT BE LESS THAN RETPD - RETPD VALUE HAS BEEN USED

## Explanation

While processing the OPTION startup command, DFSMSrmm found that the maximum retention period set in the DFSMSrmm parmlib member is lower than the default retention period.

## System action

Processing continues. DFSMSrmm uses the RETPD retention value instead of the MAXRETPD value. DFSMSrmm issues message EDG0215D which prompts the operator to reply Y or N.

## Operator response

Report the error to the system programmer. Reply Y if you want to ignore the error and continue processing without correcting the MAXRETPD value or the RETPD value. Reply N to stop DFSMSrmm to correct the parmlib values and then restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the parameters for future subsystem start ups. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0225E** *operand\_name* VALUE *value* DUPLICATES VALUE IN PREVIOUS  
*parm\_name* PARAMETER

## Explanation

During parsing of the startup parameters, DFSMSrmm found a duplicate operand and value.

In the message text:

### ***operand\_name***

The name of the duplicate operand

### ***value***

Value specified for the operand

### ***parm\_name***

The name of the startup parameter

## System action

Parsing continues and the duplicate entry is ignored. DFSMSrmm issues message EDG0215D which prompts the operator to reply "Y" or "N".

## Operator response

Report the error to the system programmer. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the error in the startup parameters. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on the DFSMSrmm parmlib options.



**Source**

DFSMSrmm

**Module**

EDGPARM

**Routing code**

3

**Descriptor code**

3

---

**EDG0226I****THE STARTED TASK FOR DFSMSrmm IS NOT DEFINED TO RACF -  
OPTION TPRACF(N) HAS BEEN FORCED****Explanation**

While processing the OPTION startup command, a value of "P" or "A" was detected for the TPRACF operand. DFSMSrmm is not defined to RACF.

**System action**

Processing continues after the TPRACF operand value has been overridden to TPRACF(N).

**Operator response**

Report the error to the system programmer. DFSMSrmm issues message EDG0215D to prompt you to ignore the error or shutdown DFSMSrmm. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

**System programmer response**

DFSMSrmm must be defined to RACF if you want to use DFSMSrmm to provide RACF tape security profile management. Refer to the *z/OS DFSMSrmm Implementation and Customization Guide* for information on installing DFSMSrmm with RACF. If you do not want DFSMSrmm to manage RACF tape security profiles, change the startup parameters to TPRACF(N). Restart DFSMSrmm with the correct startup parameter.

**Source**

DFSMSrmm

**Module**

EDGPARM

**Routing code**

3

**Descriptor code**

3

---

EDG0227E

**NO SMFSEC VALUE SPECIFIED FOR SECCLS SMF(Y) VALUE - NO SMF SECURITY RECORDS WILL BE WRITTEN**

### **Explanation**

DFSMSrmm detected a conflict in the startup parameters needed to produce SMF records. At least one SECCLS command has an SMF(Y) operand specified in parmlib member EDGRMMxx but the SMFSEC operand of the parmlib member OPTION command was not provided. The SMFSEC operand is needed for DFSMSrmm to write SMF records.

### **System action**

Processing continues. No SMF security records are produced. DFSMSrmm issues message EDG0215D which prompts the operator to reply "Y" or "N".

### **Operator response**

Report the error to the system programmer. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

### **System programmer response**

Correct the supplied startup parameters. If security records are required, specify SMFSEC(YES), or SMFSEC with a user-assigned record type on the OPTION command in parmlib. Otherwise use the SMF(N) operand for the SECCLS command. See [z/OS MVS System Commands](#) for information about the MODIFY command.

### **Source**

DFSMSrmm

### **Module**

EDGPARM

### **Routing code**

3

### **Descriptor code**

3

---

EDG0228D

**REUSEBIN(STARTMOVE) REQUIRES EXTENDED BIN ENABLED - USING (CONFIRMMOVE) - REPLY "CONTINUE" OR "CANCEL"**

### **Explanation**

DFSMSrmm detected that parmlib option REUSEBIN(STARTMOVE) is specified, but extended bin support is not enabled.

### **System action**

Processing continues. DFSMSrmm waits for the operator reply.

## Operator response

Report the error to the system programmer. Reply "CONTINUE" if you want to start DFSMSrmm with parmlib option REUSEBIN(CONFIRMMOVE). Reply "CANCEL" to stop DFSMSrmm.

## System programmer response

Correct either the OPTION REUSEBIN operand or enable extended bin support using EDGUTIL UPDATE. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on the DFSMSrmm parmlib options and on using the EDGUTIL utility.

## Source

DFSMSrmm

## Module

EDGAMGR

## Routing code

3

## Descriptor code

3

---

EDG0229E

NO CDSID WAS SPECIFIED FOR OPTION IN PARMLIB

## Explanation

DFSMSrmm initialization did not find a CDSID specified in the EDGRMMxx parmlib member. A CDSID is required for systems at the z/OS V1R9 level and later.

## System action

Processing continues.

## Operator response

Notify the systems programmer.

## System programmer response

You must add a CDSID to your OPTION statement in EDGRMMxx before attempting to start DFSMSrmm on a release at z/OS V1R9 or later. IBM suggests that you implement a CDSID now and not wait until you migrate to z/OS V1R9. You can do this by adding a CDSID operand to the OPTION command in parmlib.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3,7

---

EDG0230E

**RM(EXPDT) RETPD MUST NOT BE MORE THAN MAXRETPD – DEFAULT  
RETPD VALUE HAS BEEN USED**

### Explanation:

While processing the OPTION startup command, DFSMSrmm found that the maximum retention period set in the DFSMSrmm parmlib member is lower than the default retention period for either GDG or non- GDG datasets managed by RM(EXPDT).

### System action

Processing continues. DFSMSrmm uses the global RETPD default in place of the RM(EXPDT) default that exceeds MAXRETPD. DFSMSrmm issues message EDG0215D, which prompts the operator to reply Y or N.

### Operator response

Report the error to the system programmer. Reply Y if you want to ignore the error and continue processing without correcting the MAXRETPD value or the RM(EXPDT) RETPD value. Reply N to stop DFSMSrmm to correct the parmlib values and then restart DFSMSrmm using the MODIFY command.

### System programmer response

Correct the parameters for future subsystem start ups. See z/OS DFSMSrmm Implementation and Customization Guide for information on the DFSMSrmm parmlib options.

### Source

DFSMSrmm

### Module

EDGPARM

### Routing code

3

## Descriptor code

3,7

---

EDG0231E

**ERROR IN LOCDEF FOR LOCATION *location* - MEDIANAME MUST NOT BE  
SUPPLIED WITH TYPE(LIBRARY)**

### Explanation

A LOCDEF parameter in the DFSMSrmm parmlib contains the MEDIANAME operand and a TYPE of LIBRARY.

In the message text

#### ***location***

Identifies the location definition being processed.

### System action

Parsing continues and the entry in error is ignored.

## Operator response

Reply to message EDG0215D, which asks whether initialization should continue despite errors in parameters. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the LOCDEF parameters for future subsystem start ups. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0232E**

**ERROR IN LOCDEF FOR LOCATION *location* - MANAGEMENTTYPE AND  
MEDIANAME MUST BOTH BE SUPPLIED OR NEITHER SUPPLIED**

## Explanation

A LOCDEF parameter in the DFSMSrmm parmlib has specified either the MEDIANAME or MANAGEMENTTYPE operands. For a TYPE(STORAGE) LOCDEF you must specify both operands. For a TYPE(LIBRARY) LOCDEF, these operands are not allowed.

In the message text

### ***location***

Identifies the location definition being processed.

## System action

Parsing continues and the entry in error is ignored.

## Operator response

Reply to message EDG0215D, which asks whether initialization should continue despite errors in parameters. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the LOCDEF parameters for future subsystem startups. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0233E**

**ERROR IN LOCDEF FOR LOCATION *location* - LOCATION DUPLICATES A SYSTEM MANAGED LIBRARY**

## Explanation

A LOCDEF parameter in the DFSMSrmm parmlib has specified the name of a system-managed library for a location of TYPE(STORAGE). To define system-managed libraries using LOCDEF you can only specify TYPE(LIBRARY) and the PRIORITY operand.

In the message text

### ***location***

Identifies the location definition being processed.

## System action

Parsing continues. DFSMSrmm issues message EDG0215D prompting the operator to reply "Y" or "N".

## Operator response

Reply to message EDG0215D, which asks whether initialization should continue despite errors in parameters. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the LOCDEF parameters for future subsystem start ups. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0234E**

**ERROR IN LOCDEF FOR LOCATION *location* - MEDIANAME MUST BE SUPPLIED WITH TYPE(STORAGE)**

## Explanation

A LOCDEF parameter in the DFSMSrmm parmlib has specified a location of TYPE(STORAGE) but provided no media name information. For a storage location you must specify both MEDIANAME and MANAGEMENTTYPE operands.

In the message text

### ***location***

Identifies the location definition being processed.

## System action

Parsing continues. DFSMSrmm issues message EDG0215D prompting the operator to reply "Y" or "N".

## Operator response

Reply to message EDG0215D, which asks whether initialization should continue despite errors in parameters. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the LOCDEF parameters for future subsystem start ups. See *z/OS DFSMSrmm Implementation and Customization Guide* for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0235E**

**ERROR IN LOCDEF FOR LOCATION *location* - DISTRIBUTED LIBRARIES  
CANNOT BE SPECIFIED**

## Explanation

A LOCDEF parameter in the DFSMSrmm parmlib has specified a location name which matches the name of a system-managed library which is distributed. You cannot use the names of distributed libraries with DFSMSrmm.

In the message text

### ***location***

Identifies the location definition being processed.

## System action

Parsing continues. DFSMSrmm issues message EDG0215D prompting the operator to reply "Y" or "N".

## Operator response

Reply to message EDG0215D, which asks whether initialization should continue despite errors in parameters. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib value has been corrected, restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the LOCDEF parameters for future subsystem start ups. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

EDG0236E

**ERROR IN LOCDEF FOR LOCATION *location* - HOME OPERAND CANNOT BE SUPPLIED WITH TYPE(LIBRARY)**

## Explanation

A LOCDEF command in the DFSMSrmm EDGRMMxx parmlib has been specified with a TYPE(LIBRARY,HOME). The HOME operand cannot be specified with the LIBRARY operand. All libraries are valid home locations by default.

In the message text:

### ***location***

Identifies the location definition being processed.

## System action

Parsing continues. DFSMSrmm issues message EDG0215D prompting the operator to reply "Y" or "N".

## Operator response

Reply to message EDG0215D, which asks whether initialization should continue despite errors in parameters. Reply Y to ignore the errors and continue processing without correcting the parmlib error. Reply N to stop processing. After the parmlib operand has been corrected, restart DFSMSrmm using the MODIFY command.

## System programmer response

Correct the LOCDEF parameters for future subsystem start-ups. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm



## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0237E**

**MISSING IDENTIFIER FOR THE CONTROL DATA SET**

## Explanation

During initialization DFSMSrmm checks to ensure that you have a CDSID specified in the EDGRMMxx parmlib member. A CDSID is mandatory.

## System action

DFSMSrmm initialization stops. This message is followed by message EDG0107A.

## Operator response

Notify the system programmer. Reply to message EDG0107A as directed when the system programmer has corrected the error.

## System programmer response

You must add a CDSID to the OPTION statement in EDGRMMxx before attempting to start DFSMSrmm on a release at z/OS R9 or higher. Correct the error in the startup parameters. See [\*z/OS DFSMSrmm Implementation and Customization Guide\*](#) for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0238E**

**OVERLAPPING VOLUME SET DEFINED FOR *command* TYPE(*type*).  
*value1* OVERLAPS *value2***

## Explanation

A PRTITION or OPENRULE command has specified volume selection operands that conflict with another command.

In the message text:

**command**

Is one of the following: PRTITION, or OPENRULE.

**type**

Is one of the following: ALL, RMM or NORMM.

**value1**

Is one of the following: a volume serial number, a volume prefix specified through the VOLUME operand, or a volume range specified with the VOLUMERANGE operand.

**value2**

Is one of the following: a volume serial number, a volume prefix specified through the VOLUME operand, or a volume range specified with the VOLUMERANGE operand.

**System action**

DFSMSrmm initialization stops. This message is followed by message [“EDG0215D” on page 72](#).

**Operator response**

Notify the system programmer. Reply to message [“EDG0215D” on page 72](#) as directed. Restart DFSMSrmm when the system programmer has corrected the error.

**System programmer response**

Correct the VOLUME and VOLUMERANGE operands so that overlaps do not exist. Volume sets must be unique within command and type; for example, PRTITION TYPE(RMM) with VOLUME(A\*) and PRTITION TYPE(RMM) with VOLUMERANGE(A:B99999) is an overlap because the volume range A:B99999 begins within the A\* set but extends beyond it. When the message includes TYPE(ALL) the overlap could be with another command specifying a type of ALL or it could be with RMM or NORMM. DFSMSrmm ignores the overlapping values if initialization continues.

**Source**

DFSMSrmm

**Module**

EDGSUSE

**Routing code**

3

**Descriptor code**

3

---

**EDG0239E****REJECT COMMAND FOUND IN PARMLIB AND NO LONGER SUPPORTED****Explanation**

This message is issued during initialization when a REJECT command has been found, but one or more PRTITION and OPENRULE commands are also specified. You must use either REJECT commands or OPENRULE and PRTITION commands.

**System action**

DFSMSrmm initialization stops. This message is followed by message [“EDG0215D” on page 72](#).

## Operator response

Notify the system programmer. Reply to message [“EDG0215D” on page 72](#) as directed. Restart DFSMSrmm when the system programmer has corrected the error.

## System programmer response

Do not attempt to use both REJECT commands and PRTITION or OPENRULE commands in parmlib. If you are implementing PRTITION and OPENRULE commands, you must remove the REJECT commands from parmlib. To continue and ignore the REJECT commands, reply "Y" to message [“EDG0215D” on page 72](#).

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

EDG0240E

**YOU CANNOT MIX IBM AND USER SMF RECORD TYPES FOR SMFAUD  
AND SMFSEC**

## Explanation

This message is issued during initialization when both the SMFAUD and SMFSEC operands have been specified. One of the operands specifies "YES" and the other specifies a SMF record type from the user-assigned range.

## System action

DFSMSrmm initialization stops. This message is followed by message EDG0215D.

## Operator response

Notify the system programmer. Reply to message [“EDG0215D” on page 72](#) as directed. Restart DFSMSrmm when the system programmer has corrected the error.

## System programmer response

Do not mix SMF record types with DFSMSrmm; either specify "YES" for both, or select a different user-assigned record type for each. DFSMSrmm ignores the user-assigned SMF record type if initialization continues.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0241E** **PRTITION COMMAND TYPE(*type*) volumeorrange LOCATION(*location*) IS NOT A STORAGE HOME LOCATION**

## Explanation

This message is issued during initialization when NOSMT (ACCEPT) has been specified with the LOCATION operand.. The location name that you specify must match that of a LOCDEF defined location of TYPE (STORAGE, HOME).

In the message text:

### ***type***

Is one of the following: RMM, NORMM, or ALL.

### ***volumeorrange***

Is one of the following: a volume, a volume prefix, both specified by the VOLUME operand, or a volume range specified with the VOLUMERANGE operand.

### ***location***

Is the location name specified with the LOCATION operand.

## System action

DFSMSrmm initialization stops. This message is followed by message [“EDG0215D” on page 72](#).

## Operator response

Notify the system programmer. Reply to message [“EDG0215D” on page 72](#) as directed. Restart DFSMSrmm when the system programmer has corrected the error.

## System programmer response

Ensure that each storage location you want to use as a home location is defined through a LOCDEF command in parmlib. DFSMSrmm ignores the PRTITION command if initialization continues.

## Source

DFSMSrmm

## Module

EDGSUSE

## Routing code

3

## Descriptor code

3

---

**EDG0242E** **DUPLICATE MEDINF COMMAND FOR NAME *name* MEDIATYPE *type\_id,type\_name* RECORDINGFORMAT *format\_id,format\_name***

## Explanation

This message is issued during initialization when duplicate MEDINF commands have been specified.

In the message text:

### ***name***

Is the value specified for the MEDINF NAME operand.

### ***type\_id***

Is a number in the range 0 to 255; it is the internal value specified for the MEDIATYPE operand.

### ***type\_name***

Is the external value specified for the MEDIATYPE operand.

### ***format\_id***

Is a number in the range 0 to 255; it is the internal value specified for the RECORDINGFORMAT operand.

### ***format\_name***

Is the external value specified for the RECORDINGFORMAT operand.

## System action

DFSMSrmm initialization stops. This message is followed by message EDG0215D.

## Operator response

Notify the system programmer. Reply to message EDG0215D as directed. Restart DFSMSrmm when the system programmer has corrected the error.

## System programmer response

Ensure that each MEDINF command specifies a unique combination of NAME, MEDIATYPE, and RECORDINGFORMAT values. DFSMSrmm ignores the MEDINF command if initialization continues.

## Source

DFSMSrmm

## Module

EDGPARM

## Routing code

3

## Descriptor code

3

---

**EDG0243I** *operand IGNORED FOR SYNONYM MEDINF COMMAND FOR NAME name  
MEDIATYPE type\_id,type\_name RECORDINGFORMAT  
format\_id,format\_name*

## Explanation

This message is issued during initialization when multiple MEDINF commands have been specified that specify synonym names for MEDIATYPE or RECORDINGFORMAT. You do not need to specify CAPACITY or REPLACE operands for synonym entries and these are ignored.

In the message text:

**operand**

Is the command operand name, and is either CAPACITY or REPLACE.

**name**

Is the value specified for the MEDINF NAME operand.

**type\_id**

Is a number in the range 0 to 255; it is the internal value specified for the MEDIATYPE operand.

**type\_name**

Is the external value specified for the MEDIATYPE operand.

**format\_id**

Is a number in the range 0 to 255; it is the internal value specified for the RECORDINGFORMAT operand.

**format\_name**

Is the external value specified for the RECORDINGFORMAT operand.

**System action**

DFSMSrmm initialization continues. DFSMSrmm uses the CAPACITY and REPLACE values from the non-synonym entry.

**Operator response**

Notify the system programmer.

**System programmer response**

Ensure that each MEDINF command specifies a unique combination of NAME, MEDIATYPE, and RECORDINGFORMAT values and ensure that CAPACITY and REPLACE are not specified for synonym entries. DFSMSrmm ignores the operands if you do specify them.

**Source**

DFSMSrmm

**Module**

EDGPARM

**Routing code**

3

**Descriptor code**

3

**EDG0244I**

**DEFAULTS table entry POOL operand ignored. Options PGMNAME, KEYDATE and NOKEYDATE cannot be combined with POOL.**

**Explanation**

During parsing the defaults table entries in the EDGDEFxx parmlib member, an entry was found that combines the POOL attribute with one of PGMNAME, KEYDATE or NOKEYDATE. The pooling decision cannot be based on the program name or the key date.

**System action**

POOL operand is ignored. Parsing continues.



## Routing code

2

## Descriptor code

3

---

**EDG0246W**

**SYNTAX ERRORS DETECTED IN xxxxxxxx PARMLIB MEMBER -  
DFSMSRMM BEING INITIALIZED WITHOUT DEFAULTS TABLE.**

### Explanation

A syntax error has been detected in the DFSMSrmm defaults table parameter.

### System action

The defaults table parameter is not coded properly. DEFTABLE xxxxxxxx is ignored and DFSMSrmm continues initialization without using the default table.

### Operator response

Report the error to the system programmer. When the error is corrected, restart the DFSMSrmm procedure using the MODIFY command.

### System programmer response

Correct the errors in the default table. See *Using the parmlib member EDGDEFxx in z/OS DFSMSrmm Implementation and Customization Guide* for information on coding the DEFTABLE parameters.

### Source

DFSMSrmm

### Module

EDGPARM

## Routing code

3

## Descriptor code

2

---

**EDG0311I**

**DYNAMIC EXIT SERVICES REQUEST FAILED – EXIT *exit\_name* EXIT  
MODULE *module\_name* REQUEST *request\_type* RETURN CODE *code*  
REASON CODE *reason***

### Explanation

DFSMSrmm is using the CSVDYNEX macro to communicate with dynamic exit services. The request has not completed as expected.

In the message text:

#### ***exit\_name***

The name of the DFSMSrmm installation exit. It can be one of EDG\_EXIT100, EDG\_EXIT200, and EDG\_EXIT300.



**module\_name**

The name of the exit routine. It can be one of EDGUX100, EDGUX200, EDGUX300, any valid load module name, or N/A if the *request\_type* is not ADD.

**request\_type**

The dynamic exit services function requested. It can be one of DEFINE, LIST, and ADD.

**code**

The return code *nn* in hexadecimal from CSVDYNEX. See [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#).

**reason**

Is the reason code *nnnn* in hexadecimal from CSVDYNEX. See [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#).

**System action**

DFSMSrmm processing continues but without the function related to installation exits being performed. This message might be followed by related messages from the affected functions.

**Operator response**

Notify the system programmer.

**System programmer response**

Gather all the related error messages and report this error to the IBM support center.

**Source**

DFSMSrmm

**Module**

EDGCMIX

**Routing code**

2,3

**Descriptor code**

3,7

---

**EDG0312I**

**DYNAMIC EXIT SERVICES REQUEST FAILED – EXIT *exit\_name*  
REQUEST *request\_type* VOLUME *volser* RETURN CODE *code* REASON  
CODE *reason***

**Explanation**

DFSMSrmm is using the CSVDYNEX macro to call the exit routines associated with one of the DFSMSrmm installation exits. The request has not completed as expected.

In the message text:

**exit\_name**

Is the name of the DFSMSrmm installation exit. It can be one of EDG\_EXIT100, EDG\_EXIT200, and EDG\_EXIT300.

**request\_type**

Is the dynamic exit services function requested. It can be CALL.

**volser**

Is the volume serial number being processed.

**code**

Is the return code *nn* in hexadecimal from CSVDYNEX. See [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#).

**reason**

Is the reason code *nnnn* in hexadecimal from CSVDYNEX. See [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#).

**System action**

DFSMSrmm processing continues. If the exit is EDG\_EXIT200, DFSMSrmm disables return to scratch processing for the remainder of the inventory management run.

**Operator response**

Notify the system programmer.

**System programmer response**

Gather all the related error messages and report this error to the IBM support center.

**Source**

DFSMSrmm

**Module**

EDGCMIX

**Routing code**

2,3

**Descriptor code**

3,7

---

**EDG0313I**

**UNEXPECTED COMPLETION FROM DYNAMIC EXIT MODULE – EXIT  
*exit\_name* EXIT MODULE *module\_name* VOLUME *volser* RETURN CODE  
*code* REASON CODE *reason***

**Explanation**

DFSMSrmm is using the CSVDYNEX macro to call the exit routines associated with one of the DFSMSrmm installation exits. The request has not completed as expected.

In the message text:

***exit\_name***

Is the name of the DFSMSrmm installation exit. It can be one of EDG\_EXIT100, EDG\_EXIT200, and EDG\_EXIT300.

***module\_name***

Is the name of the exit routine. It can be one of EDGUX100, EDGUX200, EDGUX300, and any valid load module name.

***volser***

Is the volume serial number being processed.



**abend\_code**

Is the abend code in hexadecimal from the exit routine *exit\_name*. This might be a system or user completion code.

**abend\_reason**

Is the abend reason code in hexadecimal from the exit routine *exit\_name*.

**System action**

DFSMSrmm processing continues. If the exit is EDG\_EXIT200, DFSMSrmm disables return to scratch processing for the remainder of the inventory management run.

**Operator response**

Notify the system programmer.

**System programmer response**

Review your exit routine, and ensure that its processing does not result in system or user abends.

**Source**

DFSMSrmm

**Module**

EDGCMIX

**Routing code**

2,3

**Descriptor code**

3,7

---

**EDG0350E****UNABLE TO OBTAIN IP ADDRESS FOR SERVER *server\_name*****Explanation**

The DFSMSrmm subsystem initialization could not successfully look up the host name specified in the DFSMSrmm EDGRMMxx parmlib member to obtain an IP address.

In the message text:

***server\_name***

Identifies the server host name you specified in the DFSMSrmm EDGRMMxx parmlib member.

**System action**

DFSMSrmm startup fails.

**Operator response**

Inform the system programmer. After the error has been corrected, restart the DFSMSrmm subsystem.

**System programmer response**

Verify that the correct server host name has been specified in the DFSMSrmm EDGRMMxx parmlib member and that a DNS name server is configured correctly to resolve the server host name. If you specify the server name as



## Explanation

The DFSMSrmm subsystem initialization could not connect to the DFSMSrmm server. DFSMSrmm issues message EDG0356E prior to this message to identify the details of the TCP/IP error.

In the message text:

### ***server\_name***

Identifies the server host name you specified in the DFSMSrmm EDGRMMxx parmlib member.

### ***port\_number***

Identifies the TCP/IP port number you specified in the DFSMSrmm EDGRMMxx parmlib member.

## System action

DFSMSrmm startup fails.

## Operator response

Inform the system programmer. After the error has been corrected, restart the DFSMSrmm subsystem.

## System programmer response

Verify that the correct server host name and port number are defined to DFSMSrmm and that you have configured TCP/IP on the client and server systems to enable the connection. Also consider your firewall configuration and how it might impact communications. Refer to EDG0356E for details of the TCP/IP error message.

## Source

DFSMSrmm

## Module

EDGIPC

## Routing code

1,3

## Descriptor code

3,7

---

**EDG0353I**

**SERVER LISTENER TASK HAS ENDED - USE THE MODIFY COMMAND  
WITH "RESTART LISTENER" TO RESTART**

## Explanation

The DFSMSrmm server subsystem TCP/IP listener task has ended. The error might have occurred because DFSMSrmm was unable to set up TCP/IP communication, an unrecoverable error has occurred, or you have used the operator command.

```
F DFRMM,STOP LISTENER
```

DFSMSrmm issues message EDG0352E or EDG0356E to describe the error before issuing this message.

## System action

DFSMSrmm processing continues.

## Operator response

If you require the DFSMSrmm subsystem to run as a server, use the operator command after the errors are corrected.

```
F DFRMM,RESTART LISTENER
```

## System programmer response

DFSMSrmm runs as a standard system with no server task running. To retry communications, you can use the operator command

```
F DFRMM,RESTART LISTENER
```

or use a DFSMSrmm EDGRMMxx parmlib member to restart DFSMSrmm.

## Source

DFSMSrmm

## Module

EDGIPSL

## Routing code

1,3

## Descriptor code

2

---

```
EDG0354I          CONNECTION TO SERVER server_name SUCCESSFUL. IP ADDRESS  
                  ip_address PORT NUMBER port_number
```

## Explanation

The DFSMSrmm client subsystem initialization successfully connected to the DFSMSrmm server.

In the message text:

### ***server\_name***

Identifies the server host name you specified in the DFSMSrmm EDGRMMxx parmlib member on the client system.

### ***port\_number***

Identifies the TCP/IP port number you specified in the DFSMSrmm EDGRMMxx parmlib member on the client system.

### ***ip\_address***

Identifies the IP address.

## System action

DFSMSrmm startup continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGIPC

## Routing code

1,3

## Descriptor code

3,7

---

EDG0355E

**CDSID MISMATCH - CLIENT CDSID *client\_cdsid* DOES NOT MATCH  
SERVER CDSID *server\_cdsid***

## Explanation

The DFSMSrmm subsystem initialization is verifying that the CDSID of the CDS on the server system matches the value you specified in the DFSMSrmm EDGRMMxx parmlib member on the client system.

In the message text:

### ***client\_cdsid***

Identifies the CDSID you specified in the DFSMSrmm EDGRMMxx parmlib member on the client system  
*port\_number*.

### ***server\_cdsid***

Identifies the CDSID value read from the DFSMSrmm control data set control record on the DFSMSrmm server system.

## System action

DFSMSrmm startup fails.

## Operator response

Inform the system programmer. After the error has been corrected, restart the DFSMSrmm subsystem.

## System programmer response

Verify that the correct CDSID is defined to DFSMSrmm and that the correct server system host name has been specified.

## Source

DFSMSrmm

## Module

EDGAMGR



## Routing code

1,3

## Descriptor code

3,5,7

---

**EDG0356E**

***system* COMMUNICATION ERROR - FUNCTION *function* RETURN CODE  
*return\_code* REASON CODE *reason\_code***

## Explanation

The DFSMSrmm subsystem is communicating with another DFSMSrmm system and encountered an error.

In the message text:

### ***system***

Is one of these values: CLIENT or SERVER. When *system* is CLIENT, it is the server system that encountered the error communicating with the client system. When *system* is SERVER, it is the client system that encountered the error communicating with the server.

### ***function***

Is one of the TCP/IP communication server functions used by DFSMSrmm.

### ***return\_code***

Is the TCP/IP communications error code.

### ***reason\_code***

Is the TCP/IP communications reason code.

## System action

DFSMSrmm processing continues.

## Operator response

Inform the system programmer.

## System programmer response

Identify the cause of the error using the codes specified in the message.

## Source

DFSMSrmm

## Module

EDGIPC, EDGIPSL, EDGIPST

## Routing code

2,3

## Descriptor code

3,7

---

**EDG0358D**

**SERVER *server\_name* COMMUNICATION ERROR - REPLY "CANCEL", OR  
"RETRY"**

## Explanation

The DFSMSrmm subsystem is communicating between the DFSMSrmm client and the DFSMSrmm server. DFSMSrmm issues message EDG0352E or EDG0356E to describe the error before issuing this message.

In the message text:

### **server\_name**

Identifies the server host name you specified in the DFSMSrmm EDGRMMxx parmlib member on the client system. If the server host name is not available, the IP address is used because you specified an IP address in the DFSMSrmm EDGRMMxx parmlib member.

## System action

DFSMSrmm processing waits for an operator response. While DFSMSrmm waits for you to respond to the message, it periodically retries the failed request. If the retry is successful, DFSMSrmm cancels the outstanding reply.

## Operator response

Reply to message EDG0358D with one of the valid responses.

<b>Reply</b>	<b>And the result is</b>
CANCEL	The current request fails. If the current request is to connect to the server at DFSMSrmm subsystem startup, replying CANCEL stops the DFSMSrmm subsystem.
RETRY	Before you RETRY, correct the error that prevented the client system from connecting to the server. DFSMSrmm retries connecting to the server and attempts to continue processing the current request.

## System programmer response

Ensure that the operator knows the correct response to use. When this message is issued at startup time because the server is not available, and you have an alternate parmlib member available containing an alternate server host name to be used when the primary DFSMSrmm server host is unavailable, you can select a new parmlib member in response to EDG0107A. When this message is issued while DFSMSrmm is running, you can switch to an alternate server by using the operator command.

F DFRMM, M=xxx

## Source

DFSMSrmm

## Module

EDGIPC

## Routing code

1,3

## Descriptor code

2

EDG0359E

UNSUPPORTED REQUEST FROM CLIENT *client\_name ip\_address*

## Explanation

The DFSMSrmm server subsystem has received TCP/IP socket communication from an unidentifiable source and cannot process the data being sent from the client system.

In the message text:

### *client\_name*

Is the host name of the client that initiated the request.

### *ip\_address*

Is the IP address of the client that initiated the request.

## System action

DFSMSrmm fails the request.

## Operator response

Inform the system programmer.

## System programmer response

Identify the client that made the request by using the host name or the IP address from the message text. The most likely cause of this error message is that a non-DFSMSrmm client attempted to initiate a request.

## Source

DFSMSrmm

## Module

EDGIPSL, EDGIPST

## Routing code

2,3

## Descriptor code

3,7

---

**EDG0360E**

**REQUEST FROM CLIENT *client\_name ip\_address* IS TOO HIGH A LEVEL  
TO BE PROCESSED BY THIS SERVER**

## Explanation

The DFSMSrmm server subsystem has received TCP/IP socket communication from a DFSMSrmm client system but the data sent from the client is known to be a level not yet supported by this server system.

In the message text:

### *client\_name*

Is the host name of the client that initiated the request.

### *ip\_address*

Is the IP address of the client that initiated the request.

## System action

DFSMSrmm fails the request.

## Operator response

Inform the system programmer.

## System programmer response

Identify the client that made the request by using the host name or the IP address from the message text. Ensure that the server has the required toleration maintenance installed to enable it to correctly support the client request.

## Source

DFSMSrmm

## Module

EDGIPSL, EDGIPST

## Routing code

2,3

## Descriptor code

3,7

---

**EDG0361D**

**SERVER STARTUP ERROR - REPLY "RETRY" OR "IGNORE"**

## Explanation

The DFSMSrmm server subsystem is starting up and has been unable to set up TCP/IP communication. DFSMSrmm issues message EDG0352E or message EDG0356E to describe the error before issuing this message.

## System action

DFSMSrmm waits for the operator reply. While DFSMSrmm waits for a response to this message, DFSMSrmm periodically retries the failed request. If the retry is successful, DFSMSrmm cancels the outstanding reply.

## Operator response

Reply to message EDG0361D with one of the valid responses.

Reply	When
RETRY	You want DFSMSrmm to try starting up the server system again by retrying TCP/IP communications.
IGNORE	It is acceptable for DFSMSrmm subsystem to run as a standard system and not as a server system.

## System programmer response

Ensure that the operator knows the correct response to use. When the operator replies with IGNORE, DFSMSrmm runs as a standard system; there is no server task running. To retry communications, use the operator command

```
F DFRMM,RESTART LISTENER
```

or restart DFSMSrmm with an available parmlib member.

**Source**

DFSMSrmm

**Module**

EDGIPSL

**Routing code**

1,3

**Descriptor code**

2

---

<b>EDG0362I</b>	<b>TCP/IP COMMUNICATION SUCCESSFULLY INITIALIZED FOR</b> <i>system_type</i> - HOST NAME <i>host_name</i> ADDRESS <i>ip_address</i> PORT NUMBER <i>port_number</i>
-----------------	---

**Explanation**

The DFSMSrmm subsystem initialization successfully established the TCP/IP communication. The message lists the information for the current system

In the message text:

***system\_type***

Identifies whether this is a CLIENT or SERVER system.

***host\_name***

Identifies the host name for the current system.

***ip\_address***

Is the IP address.

***port\_number***

Identifies the TCP/IP port number.

**System action**

DFSMSrmm startup continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGIPC, EDGIPSL

## Routing code

2,3

### Descriptor code:

**EDG0363E**

---

**CLIENT REQUEST UNSUPPORTED BY SERVER *server\_name***

## Explanation

The DFSMSrmm server subsystem has received TCP/IP socket communication from an unidentifiable source and cannot understand the data being sent from the client system.

In the message text:

### ***server\_name***

Identifies the host name for the current server.

## System action

DFSMSrmm fails the request.

## Operator response

Inform the system programmer.

## System programmer response

The most likely cause of this error message is a programming error in the DFSMSrmm client attempting to initiate a request.

## Source

DFSMSrmm

## Module

EDGIPC

## Routing code

2,3

### Descriptor code

3,7

---

**EDG0364E**

**CLIENT REQUEST TO SERVER *server\_name* IS TOO HIGH A LEVEL TO BE PROCESSED**

## Explanation

The DFSMSrmm server subsystem has been sent TCP/IP socket communication from this DFSMSrmm client system but the data sent from the client is known to be a level not yet supported by the server system.

In the message text:

### ***server\_name***

Identifies the host name for the current server.

**System action**

DFSMSrmm fails the request.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that the server and client systems have the required toleration maintenance installed to enable them to correctly support the client request.

**Source**

DFSMSrmm

**Module**

EDGIPC

**Routing code**

2,3

**Descriptor code**

3,7

---

**EDG1001A****DFSMSrmm ADDRESS SPACE ENDING - RESTART IT****Explanation**

The DFSMSrmm address space has been stopped by other than normal means.

**System action**

No calls can be made to the subsystem interface. The current request fails.

**Operator response**

Unless the address space was canceled deliberately (in preparation for an IPL or similar activity), you should inform the system programmer, and attempt to re-start DFSMSrmm.

**System programmer response**

Determine the cause of the error. If it is other than an operator FORCE of the address space, report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGSXMC

## Routing code

1

## Descriptor code

2

---

**EDG1002I** ADDRESS SPACE IDENTIFICATION NUMBER OUT OF RANGE

## Explanation

The ASID exceeds the maximum expected by DFSMSrmm. This message is issued if more address spaces are created than MVS allows.

## System action

The request issued from the address space with the unacceptable ASID fails with a return code of 16.

## Operator response

Inform the system programmer.

## System programmer response

Report the error to the IBM Support Center. Save any associated dumps.

## Source

DFSMSrmm

## Module

EDGSXMC

## Routing code

3

## Descriptor code

7

---

**EDG1003I** ASCB ADDRESS DOES NOT MATCH DFSMSrmm SAVED ADDRESS - NEW ADDRESS USED

## Explanation

The ASCB address for the current address space does not match the current ASCB address for the same ASID defined to DFSMSrmm.

## System action

The ASCB address is updated and processing continues.

## Operator response

Inform the system programmer.



## System programmer response

Report the error to the IBM Support Center. Save any associated dumps.

### Source

DFSMSrmm

### Module

EDGSXMC

### Routing code

3

### Descriptor code

7

---

**EDG1101I** DFSMSrmm *command* COMMAND ACCEPTED

### Explanation

This message is issued for information only. The operator issued the MVS STOP or MODIFY command.

In the message text:

#### ***command***

Can be: MODIFY or STOP

### System action

The subsystem has accepted the operator request.

### Operator response

None.

### Source

DFSMSrmm

### Module

EDGMCMD

### Routing code

1,3

### Descriptor code

5

---

**EDG1102E** INCORRECT DFSMSrmm COMMAND OPERAND - *parm\_name*

## Explanation

The operator issued the MODIFY command with a parameter that is not a supported value. The command is not processed.

In the message text:

### *parm\_name*

A parameter not supported by DFSMSrmm

## System action

The subsystem does not acknowledge the operator request and does not perform the requested action.

## Operator response

Refer to *z/OS DFSMSrmm Implementation and Customization Guide* for a description of the MVS commands supported by DFSMSrmm.

## Source

DFSMSrmm

## Module

EDGMCMD

## Routing code

1,3

## Descriptor code

3

---

**EDG1104I**

***cmd* COMMAND REJECTED - INVENTORY MANAGEMENT IS IN  
PROGRESS**

## Explanation

DFSMSrmm cannot process a MODIFY or STOP command while inventory management is in progress. Only the MODIFY command with M=xx is rejected when inventory management is in progress. DFSMSrmm rejects the STOP or MODIFY command.

In the message text:

### *cmd*

Either STOP or MODIFY operator command that was entered.

## System action

The command is rejected.

## Operator response

Do either one of the following:

- Enter the STOP or MODIFY command again when inventory management has completed.
- Enter the F DFRMM,CANCEL(HSKP) command to interrupt inventory management, and then issue STOP or MODIFY command again.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

5

---

<b>EDG1105I</b>	<b>STOP COMMAND ENTERED WHILE DFSMSrmm IS QUIESCED AND REQUESTS ARE WAITING TO BE PROCESSED</b>
-----------------	---

**Explanation**

The STOP DFSMSrmm command has been entered, but DFSMSrmm is already quiesced. Either DFSMSrmm manual recovery is in progress, or the QUIESCE DFSMSrmm command was entered previously.

**System action**

The system issues message EDG1107D and the STOP command processing depends on the reply to EDG1107D.

**Operator response**

Notify the system programmer.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

3

---

<b>EDG1106I</b>	<b>STOP COMMAND ENTERED WHILE DFSMSrmm IS QUIESCED AND REQUESTS ARE WAITING TO BE PROCESSED - INCLUDING CATALOG STATUS TRACKING</b>
-----------------	---

**Explanation**

The STOP DFSMSrmm command has been entered, but DFSMSrmm is already quiesced. Either DFSMSrmm manual recovery is in progress, or the QUIESCE DFSMSrmm command was entered previously. The requests waiting to be processed include one or more requests to update the DFSMSrmm control data set with data set catalog status.

## System action

The system issues message EDG1107D and the STOP command processing depends on the reply to EDG1107D.

## Operator response

Notify the system programmer.

## System programmer response

Determines whether or not to stop DFSMSrmm. If you choose to stop DFSMSrmm and not process the requests, you must re-synchronize the DFSMSrmm control data set with the system catalogs before running inventory management.

## Source

DFSMSrmm

## Module

EDGMCMD

## Routing code

1,3

## Descriptor code

2

---

<b>EDG1107D</b>	<b>REQUESTS WAIT TO BE PROCESSED - REPLY "STOP", "QUIESCE", "RESTART", OR "M=xx"</b>
-----------------	--

---

## Explanation

The STOP DFSMSrmm command has been entered, but DFSMSrmm is already quiesced. Either DFSMSrmm manual recovery is in progress, or the QUIESCE DFSMSrmm command was entered previously. Message EDG1105I or EDG1106I precede this message. If the preceding message is EDG1106I, the requests that wait to be processed include one or more requests to update the DFSMSrmm control data set with data set catalog status.

## System action

STOP command processing depends on the reply to this message.

<b>Reply</b>	<b>To</b>
STOP	Stop DFSMSrmm and fail the waiting requests.
QUIESCE	Return to the quiesce state.
RESTART	Restart DFSMSrmm using the current parmlib member.
M=xx	Restart DFSMSrmm using a specified parmlib member, where xx is the parmlib member suffix. When you reply with either "RESTART" or "M=xx", DFSMSrmm restarts and attempts to process the waiting requests.

## Operator response

Reply to message EDG1107D.

## System programmer response

Determines how to reply to this message. If you choose to stop DFSMSrmm and not process the requests, you must re-synchronize the DFSMSrmm control data set with the system catalogs before running inventory management.

### Source

DFSMSrmm

### Module

EDGMCMD

### Routing code

1,3

### Descriptor code

2

---

**EDG1108E**

***cmd* REJECTED WHILE TASKS ARE HELD**

### Explanation

You cannot issue STOP or MODIFY command while one or more tasks are held or while new requests are held.

In the message text:

#### ***cmd***

Either STOP or MODIFY operator command.

### System action

DFSMSrmm fails the command.

### Operator response

Do the following:

1. Use the F DFRMM,QUERY ACTIVE command to display the tasks that are held.
2. See messages EDG1122I and EDG1123I to see which type of requests are held.
3. See message EDG1113I to see which specific requests are held.
4. Use the F DFRMM,RELEASE operator command with ALL or NEW or a token to allow held requests to continue, or use the F DFRMM,CANCEL operator command with ACTIVE or a token to interrupt running tasks.

### System programmer response

None.

### Source

DFSMSrmm

### Module

EDGMCMD

## Routing code

1,3

## Descriptor code

3,5

---

**EDG1113I** *function system requestor\_type=requestor\_name time token\_value s ip\_status*

## Explanation

DFSMSrmm issues this message as part of a multiline display in response to the operator MODIFY command with QUERY ACTIVE.

In the message text:

### *function*

Identifies the requested DFSMSrmm function. The value of *function* can be one of the following:

<b>Function</b>	<b>Explanation</b>
OPEN	Tape OPEN processing
CLOSE	Tape CLOSE processing
LCSUX	EDGLCSUX OAM installation exit processing
CAT	Catalog processing
ACS	Pre-ACS processing
WTO	Special WTO/WTOR intercept processing
ADD	ADD subcommand processing
DEL	DELETE subcommand processing
CHG	CHANGE subcommand processing
LIST	LIST subcommand processing
SR	SEARCH subcommand processing
LC	LISTCONTROL subcommand processing
API	API subcommand parsing
DFHSM	EDGDFHSM/EDGTVEXT processing to support releasing of tapes
INERS	EDGINERS processing
VRS	ADD, DELETE, UPDATE VRS subcommand processing
LS	LISTVRS subcommand processing
HSKP	Inventory management processing
BKUP	CDS Backup
C/S	Client/Server processing on a server system

Any other values are internal to DFSMSrmm.

### *system*

Identifies the DFSMSrmm SYSID value defined in the EDGRMMxx parmlib member of the originating system. A SYSID is only shown when the request originates on a client system. Local system tasks are listed without a system ID. You can use the HOLD, RELEASE, and CANCEL operator commands only for local system tasks.

**requestor\_type**

Identifies the requestor. The values can be one of:

- JOB - the requestor is a batch job.
- STC - the requestor is a started task.
- TSU - the requestor is a time sharing user.

**requestor\_name**

Identifies the requestor by name.

**time**

Lists the time that the request was started in hh:mm:ss. For client requests, this is the request start time from the client.

**token\_value**

Uniquely identifies the request. The token is 8 alphanumeric characters.

**s**

The s column indicates special processing information for the DFSMSrmm task. It can be one of the following values:

Value	Definition
blank	No special information is available
H	The task is subject to HOLD processing
C	The task is subject to CANCEL processing
+	This task holds the RESERVE on the DFSMSrmm CDS

**ip\_status**

Identifies the status of IP processing. The value consists of three parts:

- The status code, which can be Co (Connect), Wr (Write), Re (Read), or Cl (Close).
- A < or > symbol, where < indicates that the request has started, and > indicates that the request has been completed.
- The time that indicates when the *ip\_status* last changed.

**System action**

Command processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

## Descriptor code

5

---

**EDG1114I**

**LOCAL TASKS *local\_count*, ACTIVE *active\_count* SERVER TASKS  
*server\_count* ACTIVE *active\_count***

## Explanation

DFSMSrmm issues this message as part of a multiline display in response to the operator MODIFY command with QUERY ACTIVE.

In the message text:

### ***local\_count***

Is the number of tasks available to process DFSMSrmm requests.

### ***active\_count***

Is the number of tasks currently processing DFSMSrmm requests.

### ***server\_count***

Is the number of tasks available to process requests from DFSMSrmm client systems.

## System action

Command processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGMCMD

## Routing code

1,3

## Descriptor code

5

---

**EDG1115I**

**SPECIFIED TOKEN WAS NOT FOUND**

## Explanation

The operator issued the MODIFY DFRMM command with ABEND, HOLD, RELEASE, or CANCEL, and an incorrect token was used. The task you wish to fail, hold, release or end is either no longer running or you specified an incorrect token. If you specified HSKP as the token, either no inventory management (HSKP) task is running or you have tried to affect a server task running on behalf of a client system.



**System action**

Command processing is completed and no task is affected by the command.

**Operator response**

None.

**System programmer response**

Issue the MODIFY DFRMM,QUERY ACTIVE command again to list the active tasks. Verify that the task is still active and that the task is a local system task, and also check that you specified the correct token value. A local system task is identified by having no 'system' ID in the QUERY ACTIVE result EDG1113I message.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1

**Descriptor code**

3,5,7

---

**EDG1116I****ABEND COMMAND COMPLETE****Explanation**

DFSMSrmm issues this message in response to the operator MODIFY command for information only.

**System action**

Command processing completes.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

## Descriptor code

5

---

**EDG1117I**

**SPECIFIED TOKEN CONTAINS INVALID HEX**

## Explanation

DFSMSrmm issues this message in response to the operator MODIFY command with an incorrect token.

## System action

Command processing is completed and no task is failed.

## Operator response

None.

## System programmer response

Reissue the QUERY ACTIVE command to list the active tasks. Verify that the task is still active and that you specified the correct token value.

## Source

DFSMSrmm

## Module

EDGMCMD

## Routing code

1,3

## Descriptor code

3

---

**EDG1118I**

***queued\_count* QUEUED REQUESTS, INCLUDING *nowait\_count* NOWAIT  
*catalog\_count* CATALOG**

## Explanation

DFSMSrmm issues this message in response to the operator MODIFY command with QUERY ACTIVE.

In the message text:

### ***queued\_count***

Is the number of requests waiting to be processed by DFSMSrmm. The count includes the count of nowait requests.

### ***nowait\_count***

Is the number of requests waiting to be processed by DFSMSrmm for which the requestor does not wait for the results. The count includes the count of catalog requests.

### ***catalog\_count***

Is the number of requests waiting to be processed by DFSMSrmm to reflect catalog update activity in the DFSMSrmm control data set.

**System action**

Command processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

---

**EDG1119I**

**DFSMSrmm STATUS IS *status* JOURNAL *journal\_status*. *listener\_status***

**Explanation**

DFSMSrmm issues this message as part of a multiline display in response to the operator MODIFY command with QUERY ACTIVE.

In the message text:

***status***

Can be: ACTIVE, or QUIESCED.

***journal\_status***

Can be: ENABLED, LOCKED, or DISABLED.

***listener\_status***

Can be: LISTENER ACTIVE, or LISTENER INACTIVE, or blank for standard and client systems.

**System action**

Command processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

## Module

EDGMCMD

## Routing code

1,3

## Descriptor code

5

---

**EDG1120I**

**Function System Task Name Started Token S IP Status**

## Explanation

DFSMSrmm issues this message as part of a multiline display in response to the operator MODIFY command with QUERY ACTIVE.

## System action

DFSMSrmm processing continues

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGMCMD

## Routing code

1,3

## Descriptor code

5

---

**EDG1121I**

**DEBUG IS *status*, PDA TRACE LEVEL: *1x2x3x4x* RESERVE: *+hh:mm:ss***

## Explanation

DFSMSrmm issues this message as part of a multiline display in response to the operator MODIFY command with QUERY ACTIVE.

In the message text:

### ***status***

Is one of the following values: DISABLED, OCE+SNAP, OCE, or SNAP.

### ***x***

Indicates whether the trace level is active. - indicates the level is not active. + indicates the level is active.

**+** Indicates whether this DFSMSrmm procedure holds a RESERVE on the CDS.

**hh:mm:ss**

This is the time the RESERVE was obtained.

**System action**

DFSMSrmm processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

5

---

**EDG1122I** HELD *local\_number* HELD *server\_number*

**Explanation**

DFSMSrmm issues this message as part of a multi-line display in response to the operator MODIFY command with QUERY ACTIVE.

In the message text:

***local\_number***

This is the number of local tasks subject to HOLD processing.

***server\_number***

This is the number of server tasks subject to HOLD processing.

**System action**

DFSMSrmm processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

5

---

**EDG1123I****NEW REQUESTS ARE HELD****Explanation**

DFSMSrmm issues this message as part of a multi-line display in response to the operator MODIFY command with QUERY ACTIVE.

**System action**

DFSMSrmm processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

5

---

**EDG1124I****TASK WITH TOKEN *token\_value* IS ALREADY PROCESSING AN EARLIER  
cmd COMMAND****Explanation**

DFSMSrmm issues this message when you attempt to affect the processing of a subsystem task which you cannot currently affect.

In the message text:

**token\_value**

Uniquely identifies the request. The token is 8 alphanumeric characters.

**cmd**

Is one of the following values: CANCEL, HOLD, or RELEASE.

**System action**

DFSMSrmm processing continues. Your operator command fails.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

3,5

---

**EDG1125I****TASK WITH TOKEN *token\_value* IS NOT HELD****Explanation**

DFSMSrmm issues this message when you attempt to release a subsystem task which is not held.

In the message text:

**token\_value**

Uniquely identifies the request. The token is 8 alphanumeric characters.

**System action**

DFSMSrmm processing continues. Your operator command fails.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

3,5

---

**EDG1126I****NEW TASKS ARE ALREADY HELD****Explanation**

DFSMSrmm issues this message when you attempt to hold new tasks or to hold all tasks when new tasks are already held.

**System action**

DFSMSrmm processing continues.

- Your operator command fails if you specified HOLD(NEW).
- Your operator command continues if you specified HOLD(ALL).

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

3,5

---

**EDG1127I*****number* ACTIVE TASKS PROCESSED BY *cmd* COMMAND****Explanation**

DFSMSrmm issues this message when you CANCEL, HOLD, or RELEASE all active subsystem tasks. You may have specified ALL or ACTIVE.

In the message text:



**number**

The number of subsystem tasks that were affected by your command.

**cmd**

Is one of the following values: CANCEL, HOLD, or RELEASE.

**System action**

DFSMSrmm processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

3,5

---

**EDG1128I****NEW TASKS ARE NOT HELD****Explanation**

DFSMSrmm issues this message when you attempt to release new tasks or release all tasks but new tasks are not currently held.

**System action**

DFSMSrmm processing continues.

- Your operator command fails if you specified HOLD(NEW).
- Your operator command continues if you specified HOLD(ALL).

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMCMD

**Routing code**

1,3

**Descriptor code**

3,5

---

**EDG1200D****I/O ERROR ON CONTROL DATA SET WHEN PROCESSING MESSAGE  
*msg\_number*, REPLY EITHER "RETRY" OR "CANCEL"****Explanation**

DFSMSrmm intercepted a message and has experienced an I/O error on the DFSMSrmm control data set while processing the message in the subsystem.

In the message text:

***msg\_number***

Is the message identifier and number of the intercepted message DFSMSrmm is currently processing.  
Possible values include:

- CBR3660A - Short-on-scratch 3495 Tape Library Dataserver condition

**System action**

The DFSMSrmm subsystem waits for the operator's response: RETRY or CANCEL. Enter RETRY to make another attempt to access the DFSMSrmm control data set information. Enter CANCEL if no further action should be taken.

**Operator response**

Check your installation's procedures for handling the identified message and I/O errors on the DFSMSrmm control data set. If the error can be corrected, follow the steps outlined for the correction, and enter RETRY. If the error cannot be corrected, enter CANCEL.

**System programmer response**

If the operator entered CANCEL, advise your tape librarian or storage administrator that a condition that DFSMSrmm tried to intercept might need to be dealt with manually.

**Source**

DFSMSrmm

**Module**

EDGWTO

**Routing code**

1,3

**Descriptor code**

2

---

**EDG1201E**

**REPLY *reply\_text* INVALID, PLEASE REPLY WITH EITHER RETRY OR CANCEL**

### **Explanation**

The reply to the operator prompt was neither RETRY nor CANCEL, which are the only valid replies.

In the message text:

***reply\_text***

Is the invalid reply text entered by the operator.

### **System action**

DFSMSrmm reissues message EDG1200D or EDG1203D to prompt the operator for the correct response.

### **Operator response**

When the message is displayed again, enter either RETRY or CANCEL.

### **Source**

DFSMSrmm

### **Module**

EDGWTO

### **Routing code**

1,3

### **Descriptor code**

2

---

**EDG1202I**

**SCRATCH PROCEDURE *name* NOT STARTED**

### **Explanation**

The DFSMSrmm subsystem attempted to process one of the messages CBR3660A, CBR3792E, and CBR3794A and start the procedure used to recover from the low-on-scratch, and low-on-cache space conditions. The low-on-scratch procedure has already been run and did not correct the low-on-scratch or low-on-cache situation. Intervention is required by the tape librarian or system programmer to ensure that there are enough scratch volumes or enough cache space in the library.

In the message text:

***name***

This is the name of the scratch procedure specified with the SCRATCHPROC parameter in PARMLIB. If you have not specified this in PARMLIB, it will default to EDGXPROC.

### **System action**

Processing continues.

### **Operator response**

Inform the system programmer.

## System programmer response

The scratch procedure has been run since the last running of inventory management, and scratch volumes or cache space are still low. Consider releasing some volumes back to scratch, or adding some new scratch volumes to resolve the low-on-scratch condition, or see messages CBR3792E and CBR3794A for the resolution of the low-on-cache condition.

### Source

DFSMSrmm

### Module

EDGMWTO

### Routing code

1,3

### Descriptor code

2

---

**EDG1203D**

**INVENTORY MANAGEMENT PREVENTED PROCESSING OF MESSAGE  
*msg\_number*, REPLY EITHER "RETRY" OR "CANCEL"**

### Explanation

DFSMSrmm intercepted a message. If inventory management is in progress, messages cannot be processed.

In the message text:

#### ***msg\_number***

Is the message identifier and number of the intercepted message DFSMSrmm is currently processing.

Possible values include:

- CBR3660A - Short on scratch 3495 Tape Library Dataserver condition

### System action

The DFSMSrmm subsystem waits for the operator's response: RETRY or CANCEL. Enter RETRY to make another attempt to process the message in the subsystem. Enter CANCEL if no further action should be taken.

### Operator response

Check your installation's procedures for handling the identified message and inventory management in-progress condition. If you can wait for inventory management to complete, wait until the batch job requesting inventory management completes, and enter RETRY. If you cannot wait, enter CANCEL.

### System programmer response

If the operator entered CANCEL, advise your tape librarian or storage administrator that a condition that DFSMSrmm tried to intercept might need manual intervention.

### Source

DFSMSrmm

**Module**

EDGWTO

**Routing code**

1,3

**Descriptor code**

2

---

**EDG1204I** **BACKUP PROCEDURE *name* NOT STARTED****Explanation**

The DFSMSrmm subsystem attempted to process the message EDG2107E and start the procedure used to backup the control data set and journal and reset the journal. A control data set backup is already running at the time the message is processed.

In the message text:

***name***

This is the name of the backup procedure specified with the BACKUPPROC operand in PARMLIB.

**System action**

Processing continues.

**Operator response**

Inform the system programmer.

**System programmer response**

A control data set backup was already running, so the backup procedure was not started.

**Source**

DFSMSrmm

**Module**

EDGMWTO

**Routing code**

1,3

**Descriptor code**

2

---

**EDG1300I** **UNABLE TO CREATE ACEE. RETURN CODE *racf\_return\_code* REASON CODE *racf\_reason\_code*. SAF RETURN CODE *saf\_return\_code*****Explanation**

DFSMSrmm is processing a request and must check that the user is authorized to make the request. Because the requestor has the OPERATIONS attribute or is PRIVILEGED, DFSMSrmm attempts to create an ACEE for use in

the authorization check. The RACROUTE REQUEST=VERIFY,ENVIRON=CREATE request to create the ACEE failed.

In the message text:

***racf\_return\_code***

The return code from RACF or your security product describing the failure to create an ACEE.

***racf\_reason\_code***

The reason code from RACF or your security product describing the failure to create an ACEE.

***saf\_return\_code***

The contents of register 15 after the RACROUTE request.

## **System action**

The current request fails as if it failed the authorization check.

## **Operator response**

Inform the system programmer.

## **System programmer response**

Ensure that the requestor is authorized to create an ACEE. See *z/OS DFSMSrmm Implementation and Customization Guide* for information about SAF calls for authorization checking.

## **Source**

DFSMSrmm

## **Module**

EDGAUTH

## **Routing code**

3,11

## **Descriptor code**

7

---

**EDG2001E**

**DFSMSrmm SUBTASK ABENDED CODE *abend\_code***

## **Explanation**

A DFSMSrmm subtask abnormally ended with the specified *abend\_code* while processing a subsystem request.

In the message text:

***abend\_code***

The abend code associated with the request

## **System action**

The task fails.

## **Operator response**

Inform the system programmer.

## System programmer response

Report the error to the IBM Support Center. Save any SYS1.DUMPxx resulting from the task abend.

### Source

DFSMSrmm

### Module

EDGQMGR

### Routing code

3

### Descriptor code

3

---

EDG2002I	SUBSYSTEM REQUEST FAILED - DFSMSrmm SUBSYSTEM CANCELLED BY OPERATOR
----------	---

### Explanation

DFSMSrmm issues this message when the operator has used the CANCEL command for the DFSMSrmm subsystem address space. The message is issued by the issuer of the subsystem request and does not appear on the console or SYSLOG.

### System action

DFSMSrmm fails your request.

### Operator response

Inform the system programmer.

### Programmer response

Reissue your request when the DFSMSrmm subsystem is restarted.

### Source

DFSMSrmm

### Module

EDGQMGR

### Routing code

3

### Descriptor code

3

---

EDG2003E	ABEND Ssss Uuuuu RSN <i>reason_code</i> DURING DFSMSrmm SUBSYSTEM PROCESSING AT <i>offset</i> IN MODULE <i>module_name</i>
----------	--

## Explanation

DFSMSrmm issues this message when a subsystem request abends.

In the message text:

### **Ssss**

The system completion code.

### **Uuuuu**

The user completion code. For DFSMSrmm user completion codes, refer to the [\*z/OS DFSMSrmm Diagnosis Guide\*](#).

### **RSN reason\_code**

The reason code for the completions code Ssss and Uuuuu.

### **offset**

The hexadecimal offset in module *module\_name*.

### **MODULE module\_name**

The name of the failing load module.

## System action

DFSMSrmm ends the failing subsystem request.

## Operator response

Inform the system programmer.

## System programmer response

Reissue your request when the DFSMSrmm subsystem is restarted.

## Source

DFSMSrmm

## Module

EDGQMGR

## Routing code

3

## Descriptor code

3

---

**EDG2011I**

**VOLUME *volser* HAS A SECURITY CLASS NUMBER *security\_number*  
WHICH IS NO LONGER DEFINED TO DFSMSrmm**

## Explanation

During report extract processing, the security level assigned to the volume does not match any existing value.

In the message text:

### ***volser***

Volume serial number

### ***security\_number***

A number defining a security classification



## System action

Report extract processing continues. DFSMSrmm uses the lowest security level for the specified volume.

## Operator response

Report the message to the system programmer.

## System programmer response

Check the security class numbers defined for your installation. Enter a valid security class for the volume to correct the error. Use the DFSMSrmm parmlib member SECCLS command to add the security class that matches the security class number in the message. Or issue RMM CHANGEVOLUME subcommand to change the security level of the volume to one that is currently defined.

## Source

DFSMSrmm

## Module

EDGRPTX

## Routing code

2,3,11

## Descriptor code

3

---

**EDG2020I**

**DFSMSrmm PROCESSING IS HELD BY OPERATOR COMMAND**

## Explanation

DFSMSrmm issues this message to the requesters address space when the subsystem request is subject to HOLD processing.

## System action

DFSMSrmm processing continues. This means that processing of the request starts to wait until the operator issues either the RELEASE or CANCEL command, or the TSO user uses the attention key to cause an attention interrupt of the RMM command.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGMFIO, EDGMFIC

## Routing code

11

---

**EDG2021E**

**TASK *token* IS HELD *number* MINUTES**

## Explanation

DFSMSrmm issues this message to the console every 20 minutes to remind the operator that an DFSMSrmm subsystem request has been held.

In the message text:

### ***token***

This is the identifier for the subsystem request that is waiting. The token is the value in the operator QUERY ACTIVE display.

### ***number***

This is the number of minutes that the task has waited.

## System action

DFSMSrmm processing continues to wait.

## Operator response

If the request should no longer be held, issue the F DFRMM,RELEASE(*token*) command.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGMFIO, EDGMFIC

## Routing code

2,3

## Descriptor code

3

---

**EDG2022E**

**NEW TASKS ARE HELD *number* MINUTES**

## Explanation

DFSMSrmm issues this message to the console every five minutes to remind the operator that new DFSMSrmm subsystem requests are held.

In the message text:

### ***number***

This is the number of minutes that the new tasks have been waiting.

## System action

DFSMSrmm processing of new subsystem requests continues to wait.

## Operator response

If new requests should no longer be held, issue the F DFRMM,RELEASE(NEW) command.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGMFIO, EDGMFIC

## Routing code

2,3

## Descriptor code

3

---

**EDG2050I** DFSMSrmm RECEIVED AN UNEXPECTED RETURN CODE *return\_code*  
AND REASON CODE *reason\_code* WHEN REQUESTING *function*  
INFORMATION

## Explanation

The DFSMSrmm subsystem issued a request for information from another DFSMS facility and received an unexpected return code.

In the message text:

### ***return\_code***

Value returned indicating the results of processing.

### ***reason\_code***

Value returned indicating the results of processing.

### ***function***

Can be: ACS, LIBCNTL, LIBRARY, VOLUME, SMSLEV, STORGRP, MGMTCLS, or TCDB.

## System action

The request fails.

## Operator response

Inform the system programmer. The system writes an SVC dump.

## System programmer response

If the failed function is one of the following: VOLUME, LIBCNTL, LIBRARY, or TCDB, then refer to the [z/OS DFSMSdfp Diagnosis](#) for a description of the possible return and reason codes. Use the codes to identify the

cause of the error. If possible correct the error and retry the failed action. If necessary, report the problem to the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGLOCV

### Routing code

1

### Descriptor code

3

---

**EDG2051I** *date\_type* DATE IN VOLUME CATALOG ENTRY FOR VOLUME *volser* IS  
INVALID

### Explanation

The DFSMSrmm subsystem was converting a date from the tape configuration database entry into internal format. Conversion was not possible because the date was not in the correct format.

In the message text:

#### ***date\_type***

Can be: LAST-WRITE or EXPIRATION.

#### ***volser***

Volume serial number

### System action

DFSMSrmm writes the date as all zeros.

### Operator response

Inform the system programmer.

### System programmer response

Correct the date in the tape configuration database entry for the volume identified.

### Source

DFSMSrmm

### Module

EDGLOCV

### Routing code

1,3

## Descriptor code

3

**EDG2100I**

*file\_name* FILE ERROR IN FUNCTION *function* - RC=*return\_code*,  
REAS=*reason\_code*, KEY=*vsam\_key*

### Explanation

The DFSMSrmm subsystem encountered an error performing an I/O operation on the DFSMSrmm control data set or journal.

In the message text:

#### *file\_name*

Can be MASTER or JOURNAL.

#### *function*

An internal representation of the requested function

#### *return\_code*

The code returned by VSAM in register 15 or an DFSMSrmm internal return code. Possible values for DFSMSrmm internal return codes are:

##### **F0**

Error in SHOWCAT

##### **F1**

Error in BLDVRP

##### **F2**

Error in DLVRP

##### **F3**

Error in DYNALLOC

##### **FC**

DFSMSrmm does not support the record read from the control data set

##### **FF**

DFSMSrmm does not support the I/O request made

#### *reason\_code*

The RPL reason code returned by VSAM, or zero for DFSMSrmm internal return codes.

#### *vsam\_key*

The key of the requested VSAM record

### System action

The current I/O request fails.

### Operator response

Report the error to the system programmer.

### System programmer response

The error occurred during VSAM processing. If the DFSMSrmm control data set is damaged, DFSMSrmm issues message EDG2101I to describe physical errors. For logical errors, you might have to recreate the DFSMSrmm control data set using the latest backup copy, along with the journal. For DFSMSrmm internal return codes, the action depends on the return code. For F1, there was insufficient storage to satisfy the request. Increase the region size to correct the problem. For FC, your control data set contains records that are not supported by DFSMSrmm. You should ensure that the VSAM data set being used contains only valid records. Ensure you use the DFSMSrmm-supplied utilities to perform functions against the DFSMSrmm control data set. For FF, report the error to the IBM Support Center

For interpretation of Record Management Return Codes and Reason Codes for OPEN and CLOSE, refer to the [z/OS DFSMS Macro Instructions for Data Sets](#).

## Source

DFSMSrmm

## Module

EDGMFIO

## Routing code

1

## Descriptor code

3

---

**EDG2101I** *file\_name I/O ERROR - msg\_text*

## Explanation

The DFSMSrmm subsystem has encountered a physical error performing I/O to the DFSMSrmm control data set or the journal.

In the message text:

### ***file\_name***

Which can be: MF for DFSMSrmm control data set, or JN for DFSMSrmm journal.

### ***msg\_text***

Is either the VSAM SYNAD error message or the non-VSAM SYNADAF error message.

## System action

The current request for I/O to the DFSMSrmm control data set fails.

## Operator response

Report the error to the system programmer.

## System programmer response

For information about "Record Management Return Codes and Reason Codes" for physical errors, see [z/OS DFSMS Macro Instructions for Data Sets](#) for details about how to interpret the contents of *msg\_text*. When the *file\_name* is MF, see "Reason Code (Physical Errors)" in the topic "VSAM Record Management Return and Reason Codes" for detail. When the *file\_name* is JN, see "Message Buffer Format" in the topic "non-VSAM Macro Instructions, SYNADAF" for detail. Then correct the error.

## Source

DFSMSrmm

## Module

EDGMFIO

## Routing code

1

## Descriptor code

3

---

**EDG2102E**

**ERROR PROCESSING CONTROL/JOURNAL DATA SET. ABEND CODE**

*abend\_code*

## Explanation

The DFSMSrmm subsystem abnormally ends with the specified *abend\_code* while performing an update to the DFSMSrmm control data set or the journal.

In the message text:

### *abend\_code*

The abend code associated with the request

## System action

If the error occurred during journal processing, and the journal has not been disabled, a message is issued to provide the options for disabling the journal and for resuming the I/O procedure.

## Operator response

Report the error to the system programmer.

## System programmer response

Evaluate the error information and select the appropriate disabling option, if so requested. Correct the error identified by the error message.

## Source

DFSMSrmm

## Module

EDGMFIO

## Routing code

1

## Descriptor code

3

---

**EDG2103D**

**PERMANENT JOURNAL ERROR - REPLY "R" TO RETRY, "I" TO IGNORE,  
"D" TO DISABLE OR "L" TO LOCK**

## Explanation

The DFSMSrmm subsystem encountered an error performing I/O to the journal. If the journal is full, DFSMSrmm issues message EDG2104E.

## System action

The current task waits for a reply.

## Operator response

The operator replies	For the action	And the result is
D	Disable	DFSMSRmm completes the DFSMSRmm control data set update and disables the journal. Updates can be made to the DFSMSRmm control data set, but DFSMSRmm does not allow further updates to the journal until BACKUP is run to back up the DFSMSRmm control data set and to clear the journal. Forward recovery might not be possible because some journal records are missing as a result of the journal being disabled. If there are inconsistencies in the DFSMSRmm control data set after the restore is performed, run the DFSMSRmm utility EDGUTIL VERIFY(ALL) to validate the control data set.
I	Ignore	DFSMSRmm completes the DFSMSRmm control data set update. DFSMSRmm does not update the journal and issues this message for subsequent updates. Forward recovery might not be possible because some journal records are missing as a result of the journal being disabled.
L	Lock	DFSMSRmm does not allow updates to the DFSMSRmm control data set until BACKUP is run to back up the DFSMSRmm control data set and to clear the journal. DFSMSRmm fails any requests that result in an update to the DFSMSRmm control data set. For tape open and close requests, DFSMSRmm issues WTOR EDG4000D which prompts the operator for a RETRY or CANCEL reply. DFSMSRmm issues EDG3205E in response to a DFSMSRmm TSO subcommand request. If the error occurred during inventory management, the utility issues a message and processing stops.
R	Retry	DFSMSRmm retries the same DFSMSRmm control data set update and the journal update. This reply might correct an update failure resulting from an I/O error caused by some temporary hardware fault that has now been cleared. If the retry fails, or if the original update failed because the journal was full, then select one of the other replies to this message.

## System programmer response

Use the DFSMSRmm EDGHSKP utility with the BACKUP parameter to back up the DFSMSRmm control data set and clear the journal. You must reply to this message before the DFSMSRmm control data set can be backed up. The control data set remains reserved until you reply to this message. The recommended reply is L. If the journal is deleted and reallocated to recover from the error, you must stop and start DFSMSRmm before journaling can resume.

## Source

DFSMSRmm



**Module**

EDGMFIO

**Routing code**

1

**Descriptor code**

2

---

<b>EDG2104E</b>	<b>JOURNAL FILE IS FULL - SCHEDULE CONTROL DATA SET BACKUP TO CLEAR IT</b>
-----------------	--

**Explanation**

The DFSMSrmm subsystem detected that the journal is full.

**System action**

When backup is already in progress, DFSMSrmm locks the journal until the backup is completed. If backup is not in progress, DFSMSrmm issues message EDG2103D which prompts the operator for a reply.

**Operator response**

Report the message to the system programmer. If DFSMSrmm issues message EDG2103D, reply as directed. If you have procedures set up for backing up the control data set and clearing the journal, perform the procedures in response to the message.

**System programmer response**

Ensure that a procedure is in place to back up the control data set and clear the journal. The procedure can be started automatically through message automation or manually by the operator. Use the DFSMSrmm EDGHSKP utility with the BACKUP parameter to back up the control data set and clear the journal. Provide the operator with guidance for responding to message EDG2103D.

**Source**

DFSMSrmm

**Module**

EDGMFIO

**Routing code**

1

**Descriptor code**

3

---

<b>EDG2105E</b>	<b>JOURNAL FILE IS <i>status</i> - SCHEDULE CONTROL DATA SET BACKUP TO CLEAR IT</b>
-----------------	---

## Explanation

During initialization, the DFSMSrmm subsystem found that the journal was not available as a result of the response to either message EDG2103D or EDG2106D.

In the message text:

### **status**

Can be:

- DISABLED
- LOCKED

## System action

The control data set status remains unchanged. DFSMSrmm cannot perform requested functions or recovery processing if the journal is locked or disabled.

## Operator response

Inform the system programmer.

## System programmer response

Schedule control data set backup processing using the DFSMSrmm EDGHSKP utility. Use EDGHSKP to back up the control data set and clear the journal.

## Source

DFSMSrmm

## Module

EDGMFIO

## Routing code

1

## Descriptor code

3

---

**EDG2106D**

**JOURNAL AND CONTROL DATASET DO NOT MATCH - REPLY "C" TO  
CANCEL, "D" TO DISABLE OR "L" TO LOCK**

## Explanation

During initialization, the DFSMSrmm subsystem found that the journal does not match the current control data set because

- The control data set was restored without using the journal

or

- The journal selected by the DFSMSrmm parameters has changed and is not empty

## System action

The current task waits for a reply.

## Operator response

Reply as described in the following table.

When the operator replies	For the action	The result is
C	Cancel	DFSMSrmm stops.
D	Disable	DFSMSrmm disables the journal and completes initialization. Updates can be made to the DFSMSrmm control data set, but no further updates to the journal take place until the BACKUP function of inventory management is run to back up the control data set and to clear the journal.
L	Lock	DFSMSrmm completes its initialization but no updates to the DFSMSrmm control data set are allowed until the DFSMSrmm EDGHSKP utility with the BACKUP parameter is run to back up the control data set and to clear the journal.
Any reply other than C, L, or D.	Other than CANCEL, LOCK, or DISABLE.	DFSMSrmm reissues this message to prompt the operator for the correct response: C, L, or D.

## System programmer response

Instruct the operator to respond as follows:

If the mismatch	The operator reply is
is caused by an incomplete restore	C. Then repeat the restore using both the control data set backup and the correct journal, then restart DFSMSrmm.
is caused by an incorrect journal	C. Then restart DFSMSrmm with the correct journal.
cannot be resolved immediately	L or D. Then request an inventory management - BACKUP of the DFSMSrmm control data set. Clear the journal to avoid possible data integrity problems that might occur when DFSMSrmm control data set updates are not journaled.

You must reply to this message before the DFSMSrmm control data set can be backed up. The control data set remains reserved until you reply to this message.

## Source

DFSMSrmm

## Module

EDGMFIO

## Routing code

1,3

## Descriptor code

2

EDG2107E

**JOURNAL THRESHOLD REACHED - JOURNAL IS *percentage\_value%* FULL. *tracks* TRACKS (*kilobytesK*) AVAILABLE**

## Explanation

During journal write activity, the journal data set reached the percentage full threshold defined on the JOURNALFULL operand in the EDGRMMxx parmlib member. DFSMSrmm also issues this message during startup if the journal is already at or past the threshold specified.

In the message text:

### ***percentage\_value***

Is how full the journal data set is, in percentage terms.

### ***tracks***

Is the amount of space remaining in the journal data set, expressed in tracks.

### ***kilobytes***

Is the amount of space remaining in the journal data set, expressed in kilobytes.

## System action

Processing continues. If a backup procedure name is defined in BACKUPPROC operand in parmlib, DFSMSrmm issues the START command to start the backup procedure defined in BACKUPPROC operand in parmlib.

## Operator response

If the backup procedure is not started by DFSMSrmm, follow your installation-defined procedure or inform the system programmer.

## System programmer response

If a backup procedure has not been defined using BACKUPPROC operand in parmlib and started automatically, use the DFSMSrmm EDGHSKP utility with the BACKUP parameter to backup the control data set and clear the journal.

## Source

DFSMSrmm

## Module

EDGMVSM

## Routing code

3

## Descriptor code

2

---

**EDG2108E** **JOURNAL IS *percentage\_value*% FULL. *tracks* TRACKS (*kilobytes*K) AVAILABLE**

## Explanation

DFSMSrmm previously issued message EDG2107E to indicate that the journal data set has reached the percentage full threshold defined on the JOURNALFULL operand in the EDGRMMxx parmlib member. DFSMSrmm issues this message again each time the journal fills up an additional 5% or each time the journal is 1% over 90% full. When the journal is 100% full, DFSMSrmm issues message EDG2104E.

In the message text:



## System action

The current I/O request to the DFSMSrmm control data set fails.

## Operator response

Follow the actions required for message EDG2116A which is also issued.

## System programmer response

Manual recovery of the DFSMSrmm control data set is necessary. If the control data set is full because the records are badly organized and there are many CI and CA splits, reorganize the control data set using the EDGBKUP utility with the BACKUP(REORG) parameter. If the control data set needs to be larger, either allocate a new larger CDS and use IDCAMS REPRO to copy the contents, or take a backup copy of the contents with IDCAMS REPRO, delete the current DFSMSrmm control data set, and reallocate it with more space and REPRO the copy of the CDS back in. See the [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on calculating the size of the control data set.

An alternative method is to use the EDGBKUP utility to restore the DFSMSrmm control data set from the most recent backup copy to a new, larger control data set. Specify the JOURNAL DD statement naming the most recent journal backup and the active DFSMSrmm journal so that forward recovery includes the updates for the DFSMSrmm request that was in progress at the time the control data set became full. Refresh the DFSMSrmm subsystem by issuing the MODIFY DFRMM,M=xx command.

Recommendation: Use BACKUP(REORG) with the existing CDS and refresh the DFSMSrmm subsystem using the MODIFY operator command.

## Source

DFSMSrmm

## Module

EDGMFIO

## Routing code

2

## Descriptor code

4

---

**EDG2110I**

**DFSMSrmm DETECTED A FAILED CONTROL DATA SET UPDATE**

## Explanation

DFSMSrmm detected that a previous update to the DFSMSrmm control data set did not complete successfully. At this point, the contents of the DFSMSrmm control data set are unpredictable.

## System action

DFSMSrmm determines if there is sufficient information to attempt automatic recovery of the failed update. DFSMSrmm issues messages to the operator, either EDG2111I or EDG2115I, to describe the action to be taken. See the explanation for message EDG2115I for reasons why automatic recovery might not be attempted.

## Operator response

Determine, from the subsequent message, the action to be taken.

**Source**

DFSMSrmm

**Module**

EDGMFIO

**Routing code**

2

**Descriptor code**

4

---

<b>EDG2111I</b>	<b>DFSMSrmm STARTING AUTOMATIC RECOVERY OF THE CONTROL DATA SET</b>
-----------------	---

**Explanation**

DFSMSrmm has determined that the journal is active, and provides enough information to recover.

**System action**

DFSMSrmm attempts to recover the DFSMSrmm control data set updates, using the changed records stored in the journal.

**Operator response**

Determine, from the subsequent message, either EDG2112I or EDG2115I, whether the attempt is successful.

**Source**

DFSMSrmm

**Module**

EDGMFIO

**Routing code**

2

**Descriptor code**

4

---

<b>EDG2112I</b>	<b>AUTOMATIC RECOVERY OF CONTROL DATA SET SUCCESSFUL</b>
-----------------	--

**Explanation**

DFSMSrmm has succeeded in making updates to the DFSMSrmm control data set that were previously interrupted.

**System action**

The DFSMSrmm address space continues with normal processing.

## Operator response

If you have only a single system using the DFSMSrmm control data set, recovery is now complete. If multiple systems are sharing the DFSMSrmm control data set and recovery has already failed on one of the other systems, DFSMSrmm issues message EDG2116A. Reactivate DFSMSrmm by issuing the MODIFY DFRMM,M=xx command with the correct parmlib member suffix. See *z/OS DFSMSrmm Implementation and Customization Guide* for information about using the MODIFY operator command to reactivate DFSMSrmm.

## Source

DFSMSrmm

## Module

EDGMFIO

## Routing code

2

## Descriptor code

4

---

<b>EDG2113I</b>	<b>AUTOMATIC RECOVERY OF CONTROL DATA SET COMPLETED BY ANOTHER SYSTEM</b>
-----------------	---

## Explanation

Another system completed the recovery of the detected failed DFSMSrmm control data set update.

## System action

The DFSMSrmm address space continues with normal processing.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGMFIO

## Routing code

2

## Descriptor code

4

---

<b>EDG2114I</b>	<b>AUTOMATIC RECOVERY OF CONTROL DATA SET HAS FAILED</b>
-----------------	--



## Explanation

An I/O error on the journal or the DFSMSrmm control data set prevented recovery from the failed update to the DFSMSrmm control data set. This message is immediately preceded by message EDG2110I or EDG2111I.

## System action

The DFSMSrmm address space quiesces before issuing message EDG2116A.

## Operator response

DFSMSrmm issues message EDG2116A, which notifies you when to start manual recovery processing. If the DFSMSrmm control data set is shared with multiple systems, the DFSMSrmm address space on each system must issue message EDG2116A before you can start recovery processing. If the EDG2116A message has not yet been issued on a system, and the EDG2110I message has not been issued on that system, restart the DFSMSrmm address space to cause it to prepare for recovery.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGMFIO

## Routing code

2

## Descriptor code

4

---

**EDG2115I**

**RECOVERY OF CONTROL DATA SET IS REQUIRED**

## Explanation

Recovery from the failed update to the DFSMSrmm control data set is not possible, for one of the following reasons:

- The journal was not defined in the initialization parameters.
- The journal was disabled in response to message EDG2103D.
- The journal update was ignored in response to message EDG2103D.
- The journal and DFSMSrmm control data set do not match.

## System action

The DFSMSrmm address space quiesces before issuing message EDG2116A.

## Operator response

DFSMSrmm issues message EDG2116A, which notifies you when to start manual recovery processing. If the DFSMSrmm control data set is shared with multiple systems, the DFSMSrmm address space on each system must issue message EDG2116A before you can start recovery processing. If the EDG2116A message has not yet

been issued on a system, and the EDG2110I message has not been issued on that system, restart the DFSMSrmm address space to cause it to prepare for recovery.

### Source

DFSMSrmm

### Module

EDGMFIO

### Routing code

2

### Descriptor code

4

---

**EDG2116A**

**DFSMSrmm QUIESCED - START CONTROL DATA SET RECOVERY  
PROCEDURE**

### Explanation

DFSMSrmm has freed resources and recovery processing is ready to begin.

### System action

The DFSMSrmm address space waits to be reactivated. DFSMSrmm can be reactivated by issuing the MODIFY DFRMM,M=xx command or the START DFRMM,M=xx

### Operator response

Verify that all DFSMSrmm systems sharing the DFSMSrmm control data set are ready for manual recovery. DFSMSrmm must issue this message on all sharing systems before you can start manual recovery. Start the recovery procedure documented in your installation's recovery procedures. See the *z/OS DFSMSrmm Managing and Using Removable Media* for information about using the MODIFY or START command.

### System programmer response

Once recovery is successful, ensure that any DFSMSrmm requests that failed are resubmitted. You might need to restart inventory management processing or rerun any utility active at the time of the failure. Users can reissue any failed requests.

### Source

DFSMSrmm

### Module

EDGMAIN

### Routing code

1

### Descriptor code

3

**Explanation**

During automatic recovery of the DFSMSrmm control data set, DFSMSrmm found that the journal did not contain the expected record. This error is the result of using the wrong DFSMSrmm control data set or the wrong journal. The error probably occurred during the startup of the DFSMSrmm address space after manual recovery of the DFSMSrmm control data set, where an incorrect recovery procedure was used.

**System action**

The DFSMSrmm address space issues message EDG2115I and then prepares for manual recovery.

**Operator response**

Inform the system programmer.

**System programmer response**

Check that the correct DFSMSrmm control data set and journal have been used for this startup of DFSMSrmm. Only use EDGBKUP to restore the DFSMSrmm control data set, as this utility validates the control data set during the restore.

**Source**

DFSMSrmm

**Module**

EDGMFIO

**Routing code**

2

**Descriptor code**

4

**Explanation**

The DFSMSrmm subsystem detected that the control data set control record does not exist.

**System action**

DFSMSrmm initialization or subsystem request fails.

**Operator response**

Inform the system programmer.

**System programmer response**

Check that the correct DFSMSrmm control data set has been used. If the DFSMSrmm control data set has not been initialized, run the DFSMSrmm EDGUTIL PARM=CREATE to create a DFSMSrmm control data set control record. If EDGUTIL=MEND is running, you must wait until it finishes before creating the control data set control

record. If a previous run of EDGUTIL PARM=MEND failed, you need to restore the control data set and forward recover the control data set using the correct journal backups and the active journal.

**Source**

DFSMSrmm

**Module**

EDGMFIO

**Routing code**

1

**Descriptor code**

3

---

**EDG2119E****DFSMSrmm UTILITY EDGUTIL PARM=MEND IN PROGRESS****Explanation**

The DFSMSrmm subsystem detected that the utility EDGUTIL PARM=MEND is in progress. DFSMSrmm MEND should never be run on an active control data set. When MEND is processing, the control data set cannot be used normally.

**System action**

DFSMSrmm initialization or subsystem request fails.

**Operator response**

Inform the system programmer.

**System programmer response**

Check that the correct DFSMSrmm control data set has been used. If the DFSMSrmm control data set has not been initialized, run the DFSMSrmm EDGUTIL PARM=CREATE to create a DFSMSrmm control data set control record. If EDGUTIL=MEND is running, you must wait until it finishes before creating the control data set control record. If a previous run of EDGUTIL PARM=MEND failed, you need to restore the control data set and forward recover the control data set using the correct journal backups and the active journal.

**Source**

DFSMSrmm

**Module**

EDGMFIO

**Routing code**

1

**Descriptor code**

3

---

**EDG2120W**

**CDS THRESHOLD = *threshold\_value*% REACHED - CDS IS *percentage\_value*% FULL.**

### **Explanation**

During CDS write activity, the CDS data set reached the percentage full threshold defined on the CDSFULL operand in the EDGRMMxx parmlib member. DFSMSrmm also issues this message during startup if the CDS is already at or past the threshold specified. Each time the CDS fills up an additional 1%, DFSMSrmm issues the EDG2122W message again.

Note that it can be possible to add new records into the CDS even after it reaches 100% utilization. Still, the High Used RBA/High Allocated RBA ratio used for the CDS Utilization value is the best indicator of possible shortage of space in a VSAM data set such as the RMM CDS.

In the message text:

***threshold\_value***

Indicates the current percentage full threshold for the DFSMSrmm CDS data set.

***percentage\_value***

Indicates how full the CDS data set is, in percentage terms.

### **System action**

Processing continues.

### **Operator response**

Inform the system programmer.

### **System programmer response**

Use EDGBKUP to reorganize the control data set. The DFSMSrmm subsystem must be stopped or quiesced when you reorganize the active control data set.

### **Source**

DFSMSrmm

### **Module**

EDGMFIO

### **Routing code**

3

### **Descriptor code**

2

---

**EDG2121I**

**DFSMSrmm JOURNAL FILE IS NOW *journal\_status***

### **Explanation**

DFSMSrmm changed the status of the journal data set. DFSMSrmm issues this message for information only.

In the message text:

***journal\_status***

Can be:

- ENABLED - The journal was previously disabled or locked.
- CLEARED - The journal has been backed up and cleared by DFSMSrmm inventory management.
- LOCKED - The journal has been locked by operator request.
- DISABLED - The journal has been disabled by operator request.

### System action

DFSMSrmm processing continues.

### Operator response

None.

### System programmer response

None.

### Source

DFSMSrmm

### Module

EDGMFIO

### Routing code

2

### Descriptor code

4

---

**EDG2122W** **CDS THRESHOLD REACHED - CDS IS *percentage\_value*% FULL.**

### Explanation

DFSMSrmm previously issued message EDG2120W to indicate that the CDS data set has reached the percentage full threshold defined on the CDSFULL operand in the EDGRMMxx parmlib member. DFSMSrmm issues this message again each time the CDS fills up an additional 1%.

In the message text:

#### ***percentage\_value***

Indicates how full the CDS data set is, in percentage terms.

### System action

Processing continues.

### Operator response

Inform the system programmer.

### System programmer response

Use EDGBKUP to reorganize the control data set. The DFSMSrmm subsystem must be stopped or quiesced when you reorganize the active control data set.

**Source**

DFSMSrmm

**Module**

EDGMFIO

**Routing code**

3

**Descriptor code**

2

---

**EDG2158I*****function* FAILED FOR DATA SET *data-set-name* ON VOLUME *volser*  
CATALOG RETURN CODE *return\_code* REASON CODE *reason\_code*****Explanation**

During an update to information for a volume, DFSMSrmm failed to locate or uncatalog a data set. The failure occurred when DFSMSrmm was in the process of deleting information about the data set from the control data set, or when DFSMSrmm was changing the volume status to SCRATCH.

In the message text:

***function***

The possible values for this string are LOCATE or UNCATALOG

***data-set-name***

The name of the data set being located or uncataloged

***volser***

The volume serial number containing the data set

***return\_code***

The return code, in decimal, returned from catalog processing is documented is under message IDC3009I

***reason-code***

The reason code, in decimal, returned from catalog processing is documented is under message IDC3009I

**System action**

Processing continues.

**Operator response**

Inform the system programmer.

**System programmer response**

Determine the cause of the problem from the return and reason codes given. One reason for the failure might be that locating the data set required access to a volume and catalog which is unavailable. After the problem has been fixed, arrange with the tape librarian to uncatalog the data set if it is cataloged on the specified volume.

**Source**

DFSMSrmm

**Module**

EDGRACF

**Routing code**

1,3

**Descriptor code**

3

---

**EDG2159I****INCOMPLETE DATA RETURNED FROM RACROUTE AUTH REQUEST****Explanation**

The RACROUTE facility did not return the Resource Profile Area (RPF) requested because RACF, or an equivalent, does not support the ENTITY=(...,PRIVATE) option of the RACROUTE TYPE=AUTH call. The information in the RPF is required to distinguish resources protected by discrete profiles from those protected by generic, as well as to identify DSTYPE=T data set profiles and TAPEVOL profiles containing TVTOC data. RACF level 1.8.1, or higher, or a functionally equivalent security product, is required for DFSMSrmm to manage security profiles.

**System action**

The routine abnormally ends. The system writes a dump and RACF processing for the volume ends. The system continues as if no RACF processing were appropriate for the volume.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure RACF 1.8.1 or higher, or an equivalent security product, is installed and supports all the options of the RACROUTE TYPE=AUTH parameters. Alternatively, system support can specify that DFSMSrmm should not maintain the RACF profiles, by specifying the initialization parameter TPRACF(N), at least until the security system can be enhanced to the required level.

**Source**

DFSMSrmm

**Module**

EDGRACF

**Routing code**

1

**Descriptor code**

3

---

**EDG2200E****JOURNAL FILE IS LOCKED - INVENTORY MANAGEMENT INCOMPLETE**



## Explanation

Inventory management cannot update information in the DFSMSrmm control data set because the journal data set is locked. The journal data set was locked when the operator replied 'L' to message EDG2103D.

## System action

DFSMSrmm vital record processing is interrupted. The current inventory management request, which might include other functions, stops.

## Operator response

Inform the system programmer.

## System programmer response

Schedule the control data set back up processing to clear the journal. Use EDGHSKP,PARM=BACKUP to back up the control data set and to clear the journal. Do not specify any other EDGHSKP parameters. Then resubmit the inventory management job.

## Source

DFSMSrmm

## Module

EDGVRECI

---

**EDG2201E**

**ERROR ACCESSING THE CONTROL DATA SET - FUNCTION= *function*  
RC=*return\_code* REAS=*reason\_code* KEY=*identifier***

## Explanation

During vital record processing, DFSMSrmm unsuccessfully requested an action against the DFSMSrmm control data set.

In the message text:

### ***function***

An internal representation of the requested function

### ***return\_code***

An internal return code from the function requested

### ***reason\_code***

An internal reason code from the function requested

### ***identifier***

This is the key of the record processed for read, delete, and update requests. The identifier is not provided for other function types.

## System action

Vital record processing ends. The current inventory management request, which includes other functions, stops.

## Operator response

Inform the system programmer.

## System programmer response

Run EDGUTIL with the VERIFY parameter to ensure the consistency of the DFSMSrmm control data set. If the error cannot be identified and corrected, report the problem to the IBM Support Center. Provide the function, return codes, and reason codes displayed in this message to the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGVRECI

### Routing code

3

### Descriptor code

7

---

EDG2202E

NO VITAL RECORDS SPECIFICATIONS FOUND

### Explanation

During vital record processing, DFSMSrmm found no vital record specifications defined in the DFSMSrmm control data set. To run vital record processing, at least one vital record specification must be defined.

### System action

DFSMSrmm inventory management vital record processing ends. The current inventory management request, which includes other functions, stops.

### Operator response

Report the problem to the system programmer.

### System programmer response

Define at least one vital record specification. Then reissue the request. If this error occurs even when there are vital record specifications in the DFSMSrmm control data set, report the problem to the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGVREC

### Routing code

3

### Descriptor code

7

**Explanation**

During inventory management, DFSMSrmm tried to determine if a data set is cataloged. The locate request failed.

In the message text:

***dsname***

Is the name of the data set.

***code***

The return code returned by the catalog locate request.

**System action**

DFSMSrmm assumes that the data set is cataloged and continues processing.

**Operator response**

None.

**System programmer response**

Determine from the catalog return code what corrective action is required. The next run of inventory management uses the correct catalog status when the error is corrected.

**Source**

DFSMSrmm

**Module**

EDGVREC

**Routing code**

11

**Descriptor code**

7

**Explanation**

During inventory management, DFSMSrmm found a data set that matches vital records specification that has the WHILECATALOG option. WHILECATALOG is only supported on a DFSMSrmm master system that has no satellite systems.

**System action**

DFSMSrmm continues processing, but does not do any catalog checking. Data sets are retained using the count values only.



management to use the corrected vital record specification policies. See *z/OS DFSMSrmm Managing and Using Removable Media* for information about defining vital record specifications.

### Source

DFSMSrmm

### Module

EDGVREC

### Routing code

11

### Descriptor code

7

---

**EDG2220E** SORT PROCESSING FAILED RETURN CODE *return\_code*

### Explanation

During EDGHSKP vital records processing, the external sort failed.

In the message text:

#### ***return\_code***

The return code set by SORT.

### System action

Vital records processing ends. The current inventory management request, which might include other functions, stops. DFSMSrmm issues ABEND U2201.

### Operator response

Report this error to the system programmer.

### System programmer response

Determine the cause of the sort error and resubmit the job. Refer to the documentation for your SORT product for details on how to obtain diagnostic messages and information. See *z/OS DFSMSrmm Diagnosis Guide* for information on code U2201. If you cannot correct the error, report the problem to the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGVREC

### Routing code

11

### Descriptor code

7

---

EDG2222E

**LOCATION *value* DETERMINATION FOR LOCATION *location* FAILED  
WITH RETURN CODE *return\_code* REASON CODE *reason\_code*  
*additional\_information***

## Explanation

The DFSMSrmm subsystem issued a request to determine the location priority or location type for the specified location from another DFSMS facility and received an unexpected return code and reason code.

In the message text:

### ***value***

This is either TYPE or PRIORITY.

### ***location***

This is the location name.

### ***return\_code***

This is the value returned from an internal request.

### ***reason\_code***

This is the value returned from an internal request.

### ***additional\_information***

Values that you should provide to the IBM Support Center.

## System action

Processing continues. When the problem is with PRIORITY, DFSMSrmm uses the lowest priority value. When the problem is with TYPE, DFSMSrmm uses LOCATION(CURRENT). DFSMSrmm sets a minimum inventory management return code of 4.

## Operator response

Report the problem to the system programmer.

## System programmer response

If the location displayed in the message text is a system-managed library, ensure that the library is attached to the system when DFSMSrmm is started. If the library is attached and the problem is still not resolved, report the problem to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGVRECB, EDGVRECO

## Routing code

11

## Descriptor code

7

---

EDG2223E

**DYNAMIC ALLOCATION OF VITAL RECORDS SELECTION SORT FILE  
*dd\_name* FAILED ERROR CODE *return\_code* *function\_code* *error\_code*  
*info\_code* *sms\_code***

## Explanation

During vital record processing, DFSMSrmm attempted to allocate or deallocate its sort input/output work files. These files are used during sorts to contain records selected from the DFSMSrmm control data set.

The size of the sort files is determined at execution time as follows:

### **SRTINOUT**

Is determined by estimating the maximum number of possible data set records in the used space of the CDS.

### **DATUPD**

Is determined by counting the number of data set records to be processed. Normally, non-scratch data sets are processed. For CATSYNCH processing all data set records are processed.

### **VOLCON**

Is determined by estimating the maximum number of possible data set records in the used space of the CDS.

### **VOLSET**

Is determined by estimating the maximum number of possible data set records in the used space of the CDS.

### **CONSET**

Is determined by counting the number of volume records to be processed. Only non-scratch, non-pending release volumes are processed.

Some file sizes are estimated because they must be allocated and opened before the record numbers can be counted.

The allocation uses AVGREC=U and the size of the DFSMSrmm sort record. The primary space is set to half the determined value, and the secondary space is set equal to the primary space to enable flexible file size, and the allocation is rounded to the nearest cylinder.

In the message text:

#### ***dd\_name***

The name of the file to be allocated. It can be one of the following:

- SRTINOUT
- DATUPD
- VOLCON
- VOLSET
- CONSET

#### ***return\_code***

The DYNALLOC return code expressed in hexadecimal.

#### ***function\_code***

One of the following codes:

- 01 - dynamic allocation failed
- 02 - dynamic de-allocation failed

#### ***error\_code***

The error code expressed in hexadecimal.

#### ***info\_code***

The information code expressed in hexadecimal.

#### ***sms\_code***

The SMS reason code in hexadecimal. It appears in the message only when the *error\_code* is 97xx.

For an explanation of these codes, see [z/OS MVS Programming: Authorized Assembler Services Guide](#).

## System action

DFSMSrmm inventory management vital record processing ends with ABEND code U2220 and DFSMSrmm writes a system dump.





## Operator response

None.

## System programmer response

Correct the vital record specification chain so that NAME vital record specifications are used only once in a chain that includes retention type NAME vital record specifications.

## Source

DFSMSrmm

## Module

EDGVRECO

## Routing code

11

## Descriptor code

7

---

**EDG2226I**

**RETENTION INFORMATION FOUND IN NAME VRS – NAME *name*  
COUNT *count* RETENTION TYPE *types***

## Explanation

DFSMSrmm lists unsupported or incorrect records. Incorrect records are those with retention type or count specified.

In the message text:

### ***name***

The vital record specification name.

### ***count***

The vital record specification COUNT value.

### ***types***

The retention types specified in the NAME vital record specification and can be:

- UNKNOWN

And optionally one or both of:

- UNTILEXPIRED
- WHILECATALOG

## System action

Processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Check that the NAME vital record specifications are all correctly defined. If the NAME vital record specifications are not correctly defined, you can use the REXX procedure EDGRVCLN to ensure that the NAME vital record specifications are valid.

### Source

DFSMSrmm

### Module

EDGVRECO

### Routing code

11

### Descriptor code

7

---

EDG2227I

RETENTION INFORMATION FOUND FOR NAME VRS *name* IN CHAIN  
FOR VOLUME VRS *volser*

### Explanation

An unsupported vital record specification chain has been detected. A volume vital record specification chain cannot include a retention NAME vital record specification.

In the message text:

#### *name*

The vital record specification name.

#### *volser*

The volume vital record specification.

### System action

Processing continues but ignores the retention type and count from the NAME VRS. A minimum return code of 4 is set.

### Operator response

None.

## System programmer response

Check that the vital record specifications are all correctly defined. Remove the retention NAME vital record specification from the vital record specifications chained from the named volume vital record specification.

### Source

DFSMSrmm

### Module

EDGVRECO

## Routing code

11

## Descriptor code

7

---

EDG2228I

UNSUPPORTED CHAIN FOR NAME VRS *name\_vrs* IN *type* VRS CHAIN  
*vrs\_entry*

## Explanation

An unsupported vital record specification chain has been detected. The following chains are not supported but cannot be detected at the time a VRS is created:

- A volume VRS chain cannot use ANDVRS.
- A vital record specification with EXTRADAYS cannot be chained to using the ANDVRS operand.
- A vital record specification with the EXTRADAYS retention type cannot chain to a non-retention NAME vital record specification.
- ANDVRS cannot chain to a NAME VRS which has no retention information.
- A NAME VRS without retention information cannot specify ANDVRS.
- An EXTRADAYS NAME VRS cannot specify ANDVRS.

In the message text:

### ***name\_vrs***

The name of the vital record specification that identifies the point in the chain where the error occurs.

### ***type***

This is the type of vital record specification.

One of the following:

- DSN — It is a data set name in *vrs\_entry*
- VOL — It is a specific or generic volume serial number in *vrs\_entry*

### ***vrs\_entry***

This is either the data set name and jobname, or generic volume serial number of the vital record specification at the start of the chain.

## System action

Processing continues. A minimum return code of 4 is set. If ANDVRS was used in error, DFSMSrmm processes as if NEXTVRS was specified. If a non-retention vital record specification is chained from an EXTRADAYS vital record specification, the non-retention NAME vital record specification is ignored.

## Operator response

None.

## System programmer response

Check that the vital record specifications are all correctly defined. If ANDVRS is used to chain to an EXTRADAYS vital record specification, re-define the vital record specification specifying NEXTVRS rather than ANDVRS. If the EXTRADAYS vital record specification chains to a vital record specification that does not include retention information you must remove the non-retention NAME vital record specification from the vital record specification chain. If ANDVRS is used in a volume vital record specification chain, correct the chain to use NEXTVRS.

**Source**

DFSMSrmm

**Module**

EDGVRECO

**Routing code**

11

**Descriptor code**

7

---

**EDG2229I****NUMBER OF VRS RECORDS READ IS *number*****Explanation**

During inventory management vital record processing, DFSMSrmm counts the number of vital record specifications in the control data set, and issues this message. DFSMSrmm then checks the count against the limit specified by the VRSMIN parmlib option before performing any further processing. DFSMSrmm uses the action value specified for the VRSMIN parmlib option to determine whether to continue processing or to fail processing, if the minimum number of vital record specifications is not available for processing.

In the message text:

***number***

Is the number of vital record specifications read from the control data set.

**System action**

Processing continues based on the action value specified for the VRSMIN parmlib option.

The EDGHSKP return code is set based on the VRSMIN option:

- For FAIL, the return code is 12.
- For WARN, the return code is 4.
- For INFO, there is no effect on the return code.

**Operator response**

None.

**System programmer response**

If the number of vital record specifications is less than the minimum number specified in the VRSMIN parmlib option, determine why the number of vital record specifications is too low. Add the vital record specifications required to satisfy the minimum number of vital record specifications or correct the parmlib option to specify a lower number.

**Source**

DFSMSrmm

**Module**

EDGVRECO

## Routing code

11

## Descriptor code

7

---

**EDG2230I**

**NEXTVRS *name\_vrs* DOES NOT EXIST. CHAINING *vrs\_type* VRS IS  
*vrs\_mask*.**

## Explanation

During inventory management vital record processing, DFSMSrmm checks all vital record specification chains by following the chain using the NEXTVRS and ANDVRS values. The vital record specification displayed in the message does not exist in the DFSMSrmm control data set.

In the message text:

### ***name\_vrs***

Is the NAME vital record specification defined by NEXTVRS or ANDVRS.

### ***vrs\_type***

Is the type of vital record specification that specifies the NEXTVRS or ANDVRS value. It can be one of:

- DSN - DSNAME vital record specification
- VOL - VOLUME vital record specification
- NAME - NAME vital record specification

### ***vrs\_mask***

Is the mask that uniquely identifies the vital record specification with the chaining error. For DSNAME vital record specifications the mask includes the data set name and optionally job name.

## System action

Processing continues and DFSMSrmm sets a minimum return code of 4. DFSMSrmm retains additional data sets in the current location, permanently.

## Operator response

None.

## System programmer response

Add the missing vital record specification or correct the NEXTVRS or ANDVRS value specified on the vital record specification displayed in the message.

## Source

DFSMSrmm

## Module

EDGVRECO

## Routing code

N/A

## Descriptor code:

---

EDG2232E

**CATALOG SEARCH INTERFACE REQUEST FAILED RETURN CODE**  
*return\_code* REASON CODE *reason\_code* MODULE ID *module*

## Explanation

During DFSMSrmm synchronization processing, DFSMSrmm encountered an error in the catalog search interface.

In the message text:

### ***return\_code***

Is the catalog processing return code.

### ***reason\_code***

Is the catalog processing reason code.

### ***module***

Is the catalog module information.

## System action

Processing stops and subsystem inventory management processing abends with a code of U2201. EDGHSKP ends with return code 12.

## Operator response

Notify the system programmer.

## System programmer response

See message IDC3009I for information on the reason and return codes. Also, see *z/OS DFSMS Managing Catalogs* for information on possible return codes from the catalog search interface IGGCSI00. If the problem cannot be resolved, report the problem to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGVREC

## Routing code

11

## Descriptor code

7

---

EDG2233E

**DFSMSrmm CDS CATALOG STATUS *status* FOR *data\_set\_name* VOLUME**  
***volser* FILE *file\_number* CONFLICTS WITH CATALOG STATUS**  
***catalog\_status***

## Explanation

During CATSYNCH VERIFY processing, DFSMSrmm has determined that there is a difference between the catalog status recorded in the DFSMSrmm control data set and the current ICF catalog information.

In the message text:

**status**

The DFSMSrmm recorded catalog status.

**data\_set\_name**

The data set name.

**volser**

The volume serial number.

**file\_number**

The physical file number for the data set.

**catalog\_status**

The current catalog status.

**System action**

Processing continues and DFSMSrmm sets a minimum return code of 4.

**Operator response**

Notify the system programmer.

**Source**

DFSMSrmm

**Module**

EDGVREC

**Routing code**

11

**Descriptor code**

7

**Storage Administrator Response**

Run EDGHSKP with the CATSYNCH parameter to synchronize the DFSMSrmm control data set catalog information with the current ICF catalog information.

---

**EDG2234I**

**DFSMSrmm CDS CATALOG STATUS *status* FOR *data\_set\_name* VOLUME  
*volser* FILE *file\_number* SYNCHRONIZED TO CATALOG STATUS  
*catalog\_status***

**Explanation**

During DFSMSrmm inventory management CATSYNCH processing, DFSMSrmm determined that the catalog status recorded in the DFSMSrmm control data set is different from the current catalog information. DFSMSrmm uses the status from the catalog to correct the recorded status in the DFSMSrmm control data set.

In the message text:

**status**

The DFSMSrmm recorded catalog status.

**data\_set\_name**

The data set name.

**volser**

The volume serial number.

**file\_number**

The physical file number for the data set.

**catalog\_status**

The current catalog status.

**System action**

DFSMSrmm corrects the status recorded in the control data set, then continues processing.

**Operator response**

Notify the system programmer.

**Source**

DFSMSrmm

**Module**

EDGVREC

**Routing code**

11

**Descriptor code**

7

---

**EDG2235E**

**CATALOG SEARCH INTERFACE REQUEST FAILED RETURN CODE**  
***return\_code* REASON CODE *reason\_code* MODULE ID *module* FOR**  
**CATALOG *catalog\_name***

**Explanation**

During DFSMSrmm synchronization processing, DFSMSrmm encountered an error in the catalog search interface. The catalog search interface was not able to access the user catalog named in the message text.

In the message text:

***return\_code***

The catalog processing return code.

***reason\_code***

The catalog processing reason code.

***module***

The catalog module information.

***catalog\_name***

The name of the inaccessible catalog.

**System action**

Catalog search continues to allow more catalog errors to be detected. At the end of catalog search processing, DFSMSrmm inventory management processing stops. DFSMSrmm abnormally ends and issues a code of U2201. DFSMSrmm utility EDGHSKP ends with return code of 12.



## Operator response

None.

## System programmer response

See *z/OS DFSMS Managing Catalogs* for information on possible return codes from the catalog search interface IGGCSI00. If the named user catalog is no longer needed on this system, disconnect it from the master catalog. Otherwise, make sure the catalog is available and accessible. If the problem cannot be resolved, report the problem to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGVREC

## Routing code

11

## Descriptor code

7

---

**EDG2236I** DATA SET *data\_set\_name* VOLUME *volser* DSSEQ  
*data\_set\_sequence\_number* IN CATALOG *catalog\_name* IS NOT  
DEFINED TO DFSMSrmm

## Explanation

DFSMSrmm issues this message for information only.

In the message text:

### ***data\_set\_name***

The cataloged data set name.

### ***volser***

The cataloged volume serial number.

### ***data\_set\_sequence\_number***

The logical data set sequence number for the cataloged data set.

### ***catalog\_name***

The name of the catalog.

## System action

Processing continues and DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

The catalog entry is probably for a data set which no longer exists. If DFSMSrmm manages the volume, delete the catalog entry or correct the data set information in the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGVREC

## Routing code

11

## Descriptor code

7

---

**EDG2237E**

**CATALOG SEARCH INTERFACE REQUEST FAILED RETURN CODE**  
***return\_code* REASON CODE *reason\_code* MODULE ID *module* FOR DATA**  
**SET *data\_set\_name* IN CATALOG *catalog\_name***

## Explanation

During DFSMSrmm synchronization processing, DFSMSrmm encountered an error in the catalog search interface. The catalog search interface accessed a catalog that is not correctly defined.

In the message text:

### ***return\_code***

The catalog processing return code.

### ***reason\_code***

The catalog processing reason code.

### ***module***

The catalog module information.

### ***data\_set\_name***

The name of the catalog entry in error.

### ***catalog\_name***

The name of the catalog.

## System action

Catalog search continues to allow further errors to be detected. Then subsystem inventory management processing stops and abends with U2201. EDGHSKP ends with return code of 12.

## Operator response

None.

## System programmer response

See *z/OS DFSMS Managing Catalogs* for information on possible return codes from the catalog search interface IGGCSI00. If the named catalog entry is no longer needed, delete it from the catalog. Otherwise, make sure the catalog entry is defined correctly. If the problem cannot be resolved, report the problem to the IBM Support Center.

## Source

DFSMSrmm

**Module**

EDGVREC

**Routing code**

11

**Descriptor code**

7

---

**EDG2238I** NUMBER OF UNUSED VRS RECORDS IS *number***Explanation**

During inventory management vital record processing, DFSMSrmm tracks which vital record specifications are used by existing data sets and volumes. The message is issued to aid VRS management.

In the message text:

***number***

Is the number of vital record specifications that were unused on this run.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

If there are many unused vital record specifications, consider reviewing them and cleanup the vital record specifications that are no longer required. VRS chains that are unused are listed in detail in the REPORT file created each time you run vital records selection. You can also use the VRS extract record, last reference date field, to determine when a VRS was last used.

**Source**

DFSMSrmm

**Module**

EDGVRECM

**Routing code**

-

**Descriptor code**

-

---

**EDG2240I** VOLUME *volser* IS RECORDED TO BE IN CONTAINER *container\_name* -  
THE STACKED VOLUME IS NOT DEFINED OR IS EMPTY

## Explanation

During vital record processing, DFSMSrmm found a physical or logical volume that is recorded in the DFSMSrmm control data set as having an association with a container. Although container support is enabled, the stacked volume with the container name is not defined to DFSMSrmm or the stacked volume is recorded as being empty.

In the message text:

### ***volser***

The volume serial number being processed.

### ***container\_name***

The name of container recorded for the volume in the DFSMSrmm control data set.

## System action

DFSMSrmm inventory management vital record processing continues. No container processing is performed for this volume.

## Operator response

None.

## System programmer response

Run the DFSMSrmm EDGUTIL utility with the VERIFY(VOLUME) parameter to check the information recorded in the DFSMSrmm control data set. Run the EDGUTIL utility with the MEND parameter to update the stacked volume information if needed.

If the problem cannot be identified, report the error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGVRECC

## Routing code

11

## Descriptor code

7

---

**EDG2242I**

**INITIAL NUMBER OF VRS RETAINED VOLUMES = *number percent%***

## Explanation

DFSMSrmm issues this message to the MESSAGE file during VRSEL inventory management. This message is issued for information only.

In the message text:

### ***number***

Is the number of physical and logical volumes retained by VRS control when EDGHSKP VRSEL starts. This number includes volumes that are retained by VRS (or-VRS retained) because RETAINBY(SET) and another volume was retained by VRS. This number also includes volumes that contain data sets that have been retained by VRS.

***percent***

Is the percentage of the total number of physical and logical volumes read from the CDS.

**System action**

DFSMSrmm inventory management processing continues.

**Operator response**

None.

**System programmer response**

You can use this information to determine a good setting for the VRSDROP parmlib option.

**Source**

DFSMSrmm

**Module**

EDGVRECM

---

**EDG2243I** INITIAL NUMBER OF NEWLY ASSIGNED VOLUMES = *number percent%*

**Explanation**

DFSMSrmm issues this message to the MESSAGE file during VRSEL inventory management. This message is issued for information only.

In the message text:

***number***

Is the number of physical and logical volumes that are newly assigned when EDGHSKP VRSEL starts. A newly assigned volume is one that has a volume assignment date and time that is higher than the run date and time of the previous VRSEL processing and is not VRS retained.

***percent***

Is the percentage of the total number of physical and logical volumes read from the CDS.

**System action**

DFSMSrmm inventory management processing continues.

**Operator response**

None.

**System programmer response**

You can use this information to help determine a good setting for the VRSRETAIN parmlib option.

**Source**

DFSMSrmm

**Module**

EDGVRECM

## Routing code

-

## Descriptor code

-

---

**EDG2244I**

**NUMBER OF VRS RETAINED VOLUMES TO BE DROPPED = *number*  
*percent%***

## Explanation

DFSMSrmm issues this message to the MESSAGE file during VRSEL inventory management. This message is issued for information only.

In the message text:

### ***number***

Is the number of physical and logical volumes to be removed from VRS control. This number includes volumes that were VRS retained because RETAINBY(SET) and another volume was VRS retained, and volumes that contained VRS retained data sets or were VRS retained.

### ***percent***

Is the percentage of the total number of physical and logical volumes removed from VRS control expressed as a percentage of the physical and logical volumes VRS retained at the start of VRSEL processing. See message EDG2242I for the initial count of VRS retained volumes.

## System action

DFSMSrmm inventory management processing continues based on the action value specified for the VRSDROP parmlib option. If the VRSDROP limit is reached, the EDGHSKP return code is set based on the VRSDROP action:

- For FAIL, the return code is 12 and no volumes are dropped from VRS retention.
- For WARN, the return code is 4.
- For INFO, there is no effect on the return code.

## Operator response

None.

## System programmer response

You can use this information to determine a good setting for the VRSDROP parmlib option. If the limit is reached, review the inventory management processing to determine if an error occurred and why the limit is triggered. If the limit is triggered incorrectly, you might have to adjust your limit.

## Source

DFSMSrmm

## Module

EDGVRECM

---

**EDG2245I**

**NUMBER OF NEWLY ASSIGNED VOLUMES TO BE RETAINED = *number*  
*percent%***

## Explanation

DFSMSrmm issues this message to the MESSAGE file during VRSEL inventory management. This message is issued for information only.

In the message text:

### ***number***

Is the number of physical and logical volumes to be retained by VRS control. This number includes all newly assigned volumes that are now VRS retained. This might be because RETAINBY(SET) and another volume was VRS retained, and includes all volumes that contain VRS retained data sets or are now VRS retained.

### ***percent***

Is the number of physical and logical volumes retained by VRS control expressed as a percentage of the newly assigned physical and logical volumes VRS at the start of VRSEL processing. See message EDG2243I for the initial count of newly assigned volumes.

## System action

DFSMSrmm inventory management processing continues based on the action value specified for the VRSRETAIN parmlib option. If the VRSRETAIN limit is reached, the EDGHSKP return code is set based on the VRSRETAIN action:

- For FAIL, the return code is 12 and DFSMSrmm makes no updates to the CDS as a result of VRSEL processing.
- For WARN, the return code is 4.
- For INFO, there is no effect on the return code.

## Operator response

None.

## System programmer response

You can use this information to determine a good setting for the VRSRETAIN parmlib option. If the limit is reached, review the inventory management processing to determine if an error occurred and why the limit is triggered. If the limit is triggered incorrectly, you might have to adjust your limit.

## Source

DFSMSrmm

## Module

EDGVRECM

---

**EDG2246I**

**NUMBER OF DATA SET RECORDS EXCLUDED FROM VRSEL = *number*  
*percent%***

## Explanation

During inventory management vital record processing, DFSMSrmm counts the number of data set records to be processed. The message is issued to aid vital record specification (VRS) management.

In the message text:

### ***number***

Is the number of data set records excluded from management by VRSEL processing.

### ***percent%***

Is the percentage of the total number of data set records eligible for management by a VRS.

## System action

DFSMSrmm inventory management processing continues.

## Operator response

None.

## System programmer response

Use the values to validate your policy management expectations.

## Source

DFSMSrmm

## Module

EDGVRECM

---

**EDG2301E** *ddname* FILE DYNAMIC ALLOCATION ERROR *return\_code error\_code*  
*info\_code sms\_code, dsname*

## Explanation

An error occurred during dynamic allocation or deallocation for data set *dsname*. The files or data set names which appear in this message are all related to those which are required to be pre-allocated, cataloged data sets.

In the message text:

### ***ddname***

Can be:

#### **ACTIVITY**

The activity file.

#### **EDGSPLCS**

The EDGSPLCS file.

#### **MESSAGE**

The message file.

#### **REPORT**

The report file.

#### **REPTEXT**

The report extract file.

#### **XREPTEXT**

The extended report extract file.

#### **BLANK**

The *ddname* was not generated by the system. Refer to the *dsname* that is provided in the message.

#### **SYSnnnnn**

A system-generated *ddname* for the report extract file, where *nnnnn* is a number that is unique within the system.

### ***return\_code***

The return code from DYNALLOC (in hexadecimal).

### ***error\_code***

The error code (in hexadecimal).

### ***info\_code***

The information code (in hexadecimal).



**sms\_code**

The SMS reason code (in hexadecimal). It appears in the message only when the *error\_code* is 97xx.

**dsname**

The name of the data set.

For information about these DD names and their specific requirements, see the topic of Allocating Data Sets for Inventory Management in *z/OS DFSMSrmm Implementation and Customization Guide*.

For an explanation of these codes, see *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN*.

**System action**

The DFSMSrmm inventory management job stops.

**Operator response**

Inform the system programmer. After the error has been corrected, rerun the inventory management job.

**System programmer response**

Correct the allocation error and resubmit the inventory management job.

**Source**

DFSMSrmm

**Module**

EDGMHKP, EDGXRPTX

**Routing code**

11

**Descriptor code**

7

---

**EDG2302E** *ddname OPEN ERROR, text*

**Explanation**

An error occurred during OPEN processing for data set *ddname*.

In the message text:

**ddname**

Can be:

**ACTIVITY**

The activity file

**MESSAGE**

The message file

**REPORT**

The report file

**REPTEXT**

The report extract file

**text**

Descriptive text

**System action**

DFSMSrmm inventory management stops.

**Operator response**

Inform the system programmer. After the error has been corrected, rerun the inventory management job.

**System programmer response**

Correct the OPEN error and resubmit the inventory management job.

**Source**

DFSMSrmm

**Module**

EDGMHKP

**Routing code**

11

**Descriptor code**

7

---

**EDG2303E****DFSMSrmm INVENTORY MANAGEMENT TASK ABEND *abend\_code*  
*dd\_name*****Explanation**

An abend occurred during DFSMSrmm subsystem processing of the inventory management functions.

In the message text:

***abend\_code***

The abend code associated with the request

***dd\_name***

DFSMSrmm optionally provides the DD name associated with an x37 abend.

**System action**

The system writes an SVC dump and the DFSMSrmm inventory management function stops.

**Operator response**

Inform the system programmer. After the error has been corrected, rerun the inventory management job.

**System programmer response**

Determine the cause of any I/O errors or VSAM logical errors and resubmit the job. If necessary, report the problem to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMHKP

**Routing code**

11

**Descriptor code**

7

---

**EDG2304E****SUBSYSTEM FILE I/O ERROR - *synadef\_text*****Explanation**

An I/O error occurred during DFSMSrmm subsystem inventory management function processing.

In the message text:

***synadef\_text***

78 characters of text provided by the SYNADAF macro

For an explanation of this text, refer to [\*z/OS DFSMS Macro Instructions for Data Sets\*](#).

**System action**

The DFSMSrmm inventory management function stops.

**Operator response**

Inform the system programmer. After the error has been corrected, rerun the inventory management job.

**System programmer response**

Determine the cause of the I/O error, correct it, and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGMHKP

**Routing code**

11

**Descriptor code**

7

---

**EDG2305E****INVENTORY MANAGEMENT TASK *task\_name* FAILED WITH RETURN  
CODE *return\_code***

## Explanation

A DFSMSrmm inventory management task failed with a non-zero return code.

In the message text:

### ***task\_name***

Can be:

- DSTORE - Storage location processing
- EXPROC - Expiration processing
- RPTEXT - Report extract processing
- VRSEL - Vital records selection

### ***return\_code***

Value returned indicating the results of processing

## System action

The DFSMSrmm inventory management function fails.

## Operator response

Inform the system programmer. After the error has been corrected, rerun the inventory management job.

## System programmer response

Correct the error and resubmit the inventory management job. Check the system console log for additional diagnostic messages.

## Source

DFSMSrmm

## Module

EDGMHKP

## Routing code

11

## Descriptor code

7

---

**EDG2306I**

**ONLY SATELLITE AND BACKUP PROCESSING ALLOWED ON A  
SATELLITE FILE - OTHER REQUESTS IGNORED**

## Explanation

The DFSMSrmm utility EDGHSKP requested processing other than satellite update or backup on a satellite file. Only satellite update and backup are allowed on a satellite file.

## System action

Requests for supported requests will be attempted.



## Routing code

11

## Descriptor code

7

---

EDG2308I

**CHANGES HAVE BEEN MADE TO VRS POLICIES SINCE THE PREVIOUS INVENTORY MANAGEMENT RUN**

## Explanation

During inventory management processing, DFSMSrmm checks to see if any vital record specifications have been added or deleted by DFSMSrmm commands since the previous successful run of inventory management vital record processing, storage location management, or expiration processing. DFSMSrmm processing depends on the VRCHANGE parmlib option.

## System action

Processing continues based on the value of the VRCHANGE parmlib option.

## Operator response

None.

## System programmer response

If the VRCHANGE(INFO) parmlib option is in use, DFSMSrmm continues processing and no special action is required. If the VRCHANGE(VERIFY) parmlib option is in use, DFSMSrmm stops processing and prevents this run of inventory management from continuing.

You can list the parmlib options currently in use by using the RMM LISTCONTROL OPTION subcommand, or using the CONTROL ISPF dialog.

You can run inventory management BACKUP or RPTEXT functions as long as you do not run any other inventory management functions. To run VRSEL, DSTORE, or EXPROC, you must first successfully run EDGHSKP vital record processing using the VERIFY parameter. DFSMSrmm issues return code zero for a successful run. Check the REPORT and ACTIVITY files from the VERIFY run and ensure that DFSMSrmm is performing the required retention and movement actions.

## Source

DFSMSrmm

## Module

EDGMHKP

## Routing code

11

## Descriptor code

7

---

EDG2309I

**THE PARMLIB OPTIONS CURRENTLY IN USE ARE *parmlib\_options***



## System action

The current inventory management function ends, and DFSMSrmm makes no updates to the control data set. Report extract is processed if requested, and any remaining inventory management processing is skipped. The EDGHSKP return code is set to 12.

## Operator response

None.

## System programmer response

See the messages in the MESSAGE file to identify the cause of the failure and the limit that triggered the failure. You can use the ACTIVITY file and the report extract to analyze the reason for the trigger using EDGJACTP. When the condition is resolved you can rerun inventory management.

## Source

DFSMSrmm

## Module

EDGVREC, EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2311I**

**INVENTORY MANAGEMENT STOPPING BECAUSE OF  
VRSCHANGE(*change\_option*) OPTION**

## Explanation

During inventory management processing, DFSMSrmm checks to see if any changes have been made to vital record specifications. DFSMSrmm issues this message if changes have been made and you specified an option for the VRSCHANGE parmlib option to prevent further processing.

In the message text:

### ***change\_option***

One of the following:

- VERIFY

## System action

Processing of inventory management ends prematurely, and no updates are made to the control data set.

## Operator response

None.

## System programmer response

When the VRSCHANGE(VERIFY) parmlib option is in use, DFSMSrmm stops processing and prevents this run of inventory management from continuing. You can run inventory management BACKUP or RPTTEXT functions. To



run VRSEL, DSTORE, or EXPROC you must first successfully run EDGHSKP vital record processing using the VERIFY parameter. Successful processing ends with return code zero. Check the REPORT and ACTIVITY files from the VERIFY run and ensure that DFSMSrmm is performing the required retention and movement actions.

**Source**

DFSMSrmm

**Module**

EDGMHKP

**Routing code**

11

**Descriptor code**

7

---

**EDG2312I**

**CHANGES HAVE BEEN MADE TO VRS POLICIES SINCE THE START OF  
THE VERIFY RUN - A FURTHER VERIFY RUN IS REQUIRED**

**Explanation**

During inventory management processing, DFSMSrmm checks to see if any vital record specifications have been added or deleted by DFSMSrmm commands. DFSMSrmm has detected that vital record specifications have been added or deleted since this VERIFY run was started.

**System action**

Processing continues based on the value of the VRCHANGE parmlib option.

**Operator response**

None.

**System programmer response**

If the VRCHANGE(INFO) parmlib option is in use, DFSMSrmm continues processing and no special action is required. If the VRCHANGE(VERIFY) parmlib option is in use, DFSMSrmm fails this run of inventory management. Another VERIFY inventory management run is required to verify the changes made to vital record specifications.

You can list the parmlib options currently in use by using the RMM LISTCONTROL OPTION subcommand, or using the DFSMSrmm ISPF System Options Display panel.

You can run inventory management BACKUP or RPTEXT functions as long as they are not run with any other inventory management functions. To run VRSEL, DSTORE, or EXPROC, you must first successfully run EDGHSKP vital record processing using the VERIFY parameter.

**Source**

DFSMSrmm

**Module**

EDGMHKP

## Routing code

11

## Descriptor code

7

---

**EDG2313I**

**VITAL RECORD SELECTION AND EXPROC CANNOT RUN UNTIL THE CATALOGS ARE SYNCHRONIZED**

## Explanation

You have attempted to run EDGHSKP with the VRSEL or the EXPROC parameter. VRSEL and EXPROC rely on correct catalog status. Because the parmlib member specified the CATSYSID with specific system IDs, DFSMSrmm knows that catalogs are not shared. Thus, DFSMSrmm cannot determine the correct catalog status because the control data set and user catalogs are not currently synchronized.

## System action

Processing of EDGHSKP ends with return code 12.

## Operator response

Notify the system programmer.

## System programmer response

To run DFSMSrmm with unshared user catalogs, you must maintain the synchronization of the control data set with the user catalogs. Run EDGHSKP CATSYNCH on each DFSMSrmm system and then rerun inventory management.

## Source

DFSMSrmm

## Module

EDGMHKP

## Routing code

11

## Descriptor code

7

---

**EDG2314I**

**INVENTORY MANAGEMENT CANNOT RUN BECAUSE THE CATALOGS ARE SYNCHRONIZED AND CATSYSID IS NOT SPECIFIED IN PARMLIB.**

## Explanation

Without specifying CATSYSID, you have attempted to run EDGHSKP while the control data set and user catalogs are synchronized. Without the CATSYSID operand to specify how catalogs are shared, DFSMSrmm cannot determine exactly what sort of processing you want to run.

## System action

Processing ends with return code 12.

## Operator response

Notify the system programmer.

## System programmer response

To correct this problem, you can take one of these actions.

- Add the CATSYSID operand to the DFSMSrmm EDGRMMxx parmlib member and refresh DFSMSrmm.
- Run EDGUTIL with PARM=UPDATE to mark the control data set as not synchronized using the CATSYNC(NO) SYSIN option.

## Source

DFSMSrmm

## Module

EDGMHKP

## Routing code

11

## Descriptor code

7

---

**EDG2315E**

**INVENTORY MANAGEMENT CANNOT RUN BECAUSE CONTAINER  
INFORMATION IS NOT CONSISTENT**

## Explanation

You have enabled the DFSMSrmm stacked volume support using EDGUTIL. DFSMSrmm issues this message when container information is not consistent. You might have used a lower level system to add container information for a volume since stacked volume support was enabled. You can run EDGUTIL with the MEND parameter to make the existing container information consistent.

## System action

Inventory management ends.

## Operator response

None.

## System programmer response

Run the DFSMSrmm EDGUTIL utility with the MEND parameter to make the information consistent.

## Source

DFSMSrmm

**Module**

EDGMHKP

**Routing code**

11

**Descriptor code**

7

---

**EDG2316E****INVENTORY MANAGEMENT CANNOT RUN BECAUSE EXTENDED BIN  
SUPPORT IS ENABLED****Explanation**

You have enabled extended bin support using the EDGUTIL utility on a higher-level system. You are trying to run inventory management on this down level system that does not support extended bin.

**System action**

Inventory management ends.

**Operator response**

None.

**System programmer response**

Run inventory management on a system where extended bin support is enabled.

**Source**

DFSMSrmm

**Module**

EDGMHKP

**Routing code**

11

**Descriptor code**

7

---

**EDG2318I****PROCESSING RELEASED BY OPERATOR COMMAND AT *hh:mm:ss*****Explanation**

DFSMSrmm issues this message to the MESSAGE file when the subsystem request for inventory management is subject to operator RELEASE command processing.

In the message text:

***hh:mm:ss***

This is the time that processing was released.



**hh:mm:ss**

This is the time that processing detected it should be held.

### **System action**

DFSMSrmm processing waits.

### **Operator response**

None.

### **System programmer response**

None.

### **Source**

DFSMSrmm

### **Module**

EDGMFIO, EDGMFIC

---

**EDG2403E**

**MOVE OF VOLUME *volser* DEFERRED - NO AVAILABLE EMPTY BIN  
NUMBERS FOR MEDIANAME *medianame* IN LOCATION *location***

### **Explanation**

The named volume is required to be moved to the named storage location, but there are no empty bin numbers available.

In the message text:

#### ***medianame***

This is the media name, determined from the volume media name and the LOCDEF definition, for which there are no empty bin numbers. If the move is to a DFSMSrmm built-in storage location, the media name is not considered and is listed as *N/A*.

#### ***location***

This is the name of the location to which the volume must move.

#### ***volser***

This is the volume serial number of the volume to be moved.

### **System action**

Processing continues. A minimum return code of 4 is set. The named volume is not moved, but the required move is left pending.

### **Operator response**

None.

### **System programmer response**

Use the RMM SEARCHBIN subcommand to see if there are any empty bin numbers for the named location. Some bin numbers might have been freed by later inventory management storage location management processing. If there are too few empty bin numbers, use the RMM ADDBIN subcommand to define more bin numbers. When adding bin numbers for storage locations defined using LOCDEF, remember to specify the correct media name on the ADDBIN subcommand.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2404W**

**VOLUME *volser* FOR JOB *job\_name* IS OPEN - VOLUME HAS  
EXPIRATION DATE *expiration\_date* ASSIGNED DATE *assigned\_date***

## Explanation

DFSMSrmm issues this message when it is possible that a job failed to close a data set as a result of a system error. The message includes the expiration date of the volume and the assigned date of the volume so that you can determine if any action is required to recover the volume. Only volumes assigned before the previous day are listed in this message. If the job writing to the named volume is still running from the previous day, no action is required.

In the message text:

### ***volser***

Volume serial number

### ***job\_name***

Name of a job identified to a system

### ***expiration\_date***

Volume expiration date

### ***assigned\_date***

For a master or user volume, the *assigned\_date* is the date when the volume was assigned to a user. For a scratch volume, *assigned\_date* is the date when the volume was returned to scratch status.

## System action

Inventory management continues and the volume status is not changed.

## Operator response

Inform the system programmer.

## System programmer response

If you do not want the OPEN volume to be retained, use the RMM CHANGEVOLUME subcommand with the RETPD or EXPDT operands, or the RMM DELETEVOLUME subcommand with the RELEASE option, to release the volume if it is no longer required.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2405I**

**VOLUME *volser* REJECTED. INSTALLATION OPTION PREVENTS  
OVERWRITE OF FILES ON MASTER VOLUMES**

## Explanation

The current request is to open an existing tape data set for output. Although you have specified the correct data set name, the installation option MASTEROVERWRITE(ADD) prevents existing data sets being overwritten. The installation option allows you to either extend the current last file on a volume or to add a new file to the volume.

In the message text:

### ***volser***

Volume serial number

## System action

If DFSMSrmm is running in warning mode, the *volser* is used and EDG4004I is issued. Otherwise, the *volser* is rejected and EDG4005E or EDG4006E is issued.

## Operator response

See the operator response for message EDG4004I or EDG4005E.

## System programmer response

Ensure that the tape request specifies either a data set sequence number in the JCL higher than or equal to the last recorded file on the volume. If the volume was rejected because of incorrect DFSMSrmm control data set information, update the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

11

## Descriptor code

7

---

**EDG2410I**

**EXPIRATION PROCESSING NOT STARTED - SATELLITE UPDATE  
PROCESSING RUN REQUIRED FIRST**



## Explanation

Satellite update processing has not been performed for more than the default retention period. If expiration processing is allowed to continue, volumes with the default retention period created since the previous satellite update might be released, even though they are required for vital records.

## System action

Expiration and any further inventory management processing stops.

## Operator response

Inform the system programmer.

## System programmer response

Resubmit the inventory management job (program EDGHSKP) and request satellite processing, as well as expiration.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2411I**

**VOLUME *volser* HAS A SECURITY CLASS NUMBER *security\_number*  
WHICH IS NO LONGER DEFINED TO DFSMSrmm**

## Explanation

During expiration processing, the security number assigned to the volume does not match any existing value.

In the message text:

### ***volser***

Volume serial number

### ***security\_number***

A number defining a security classification

## System action

Expiration processing continues. DFSMSrmm uses the lowest security level for the specified volume.

## Operator response

Report the message to the system programmer.





## Descriptor code

7

---

EDG2414E

MOVE OF VOLUME *volser\_1* DEFERRED - VOLUME *volser\_2* IS STILL  
MOVING OUT OF LOCATION *location*, MEDIANAME *media\_name*, BIN  
*bin\_number*

## Explanation

Inventory management DSTORE processing cannot start the move of a volume from a bin-managed storage location. Another volume is still moving out of the same bin.

In the message text:

### ***volser\_1***

The volume serial number of the volume which cannot yet be moved.

### ***volser\_2***

The volume serial number of the volume that is currently moving out of the bin.

### ***location***

The name of a bin-managed storage location.

### ***media\_name***

The media name of the bin.

### ***bin\_number***

The bin number.

## System action

Processing continues. A minimum return code of 4 is set. The named volume (*volser\_1*) has not been moved and the required move is left pending.

## Operator response

None.

## System programmer response

Complete the move of the volume (*volser\_2*). If the destination is a system-managed library, enter the volume into the library. Otherwise, use the RMM CHANGEVOLUME subcommand to confirm the completion of the move.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

EDG2420I

*volume\_type* VOLUMES READ = *number percent*%

## Explanation

DFSMSrmm issues this message when the number of volumes read is greater than zero.

In the message text:

### ***volume\_type***

This is the volume type and can be:

- PHYSICAL
- LOGICAL
- STACKED
- RM\_VRSEL
- RM\_EXPDT
- TOTAL

### ***number***

This is the number of *volume\_type* volumes read during inventory management.

### ***percent***

This is the percentage of total volumes read by DFSMSrmm inventory management processing.

## System action

Processing continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2421I**

***volume\_type* VOLUMES UPDATED = *number percent%***

## Explanation

DFSMSrmm issues this message when the number of volumes updated is greater than zero.

In the message text:

### ***volume\_type***

This is the volume type and can be:

- PHYSICAL
- LOGICAL
- STACKED

- RM\_VRSEL
- RM\_EXPDT
- TOTAL

**number**

This is the number of *volume\_type* volumes that were updated in the DFSMSrmm control data set.

**percent**

The percentage of the *volume\_type* volumes read by DFSMSrmm inventory management processing.

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGMUPD

**Routing code**

11

**Descriptor code**

7

---

**EDG2422I** *volume\_type* VOLUMES, THIS RUN, KEPT FOR VRS = *number percent%*

**Explanation**

DFSMSrmm issues this message when the number of volumes kept for VRS is greater than zero.

In the message text:

***volume\_type***

This is the volume type and can be:

- PHYSICAL
- LOGICAL
- STACKED
- TOTAL

**number**

This is the number of volumes that were retained as a result of vital record processing.

**percent**

This is the percentage of the *volume\_type* volumes read by DFSMSrmm inventory management processing.

**System action**

Processing continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2423I** *volume\_type* VOLUMES, THIS RUN, ASSIGNED TO STORES = *number*  
*percent%*

## Explanation

DFSMSrmm issues this message when the number of volumes assigned to stores is greater than zero.

In the message text:

### ***volume\_type***

This is the type of volume and can be:

- PHYSICAL
- LOGICAL
- STACKED
- TOTAL

### ***number***

This is the number of volumes that DFSMSrmm has assigned to a new destination storage location.

### ***percent***

This is the percentage of the *volume\_type* volumes read by DFSMSrmm inventory management processing.

## System action

Processing continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2424I** *volume\_type* TOTAL VOLUMES, THIS RUN, SET PENDING RELEASE =  
*number percent%*

## Explanation

This message is issued for information only.

In the message text:

### ***volume\_type***

*volume\_type* is one of the following:

- PHYSICAL
- LOGICAL
- RM\_VRSEL
- RM\_EXPDT
- TOTAL

### ***number***

The number of *volume\_type* volumes set pending release in this run of inventory management.

### ***percent***

This is the percentage of *volume\_type* volumes selected for EXPROC processing (see message EDG2435I).

## System action

Processing continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2425I** *volume\_type* TOTAL VOLUMES RETURNED TO SCRATCH = *number*  
*percent%*



## Explanation

This message is issued for information only.

In the message text:

### ***volume\_type***

*volume\_type* is one of the following:

- PHYSICAL
- LOGICAL
- RM\_VRSEL
- RM\_EXPDT
- TOTAL

### ***number***

the number of *volume\_type* volumes returned to scratch status after all release actions have been completed.

### ***percent***

This is the percentage of *volume\_type* volumes selected for EXPROC processing (see message EDG2435I).

## System action

Processing continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2426I**

***volume\_type* TOTAL NUMBER OF SCRATCH RECORDS WRITTEN =  
*number percent%***

## Explanation

DFSMSrmm issues this message to the MESSAGE file when EXPROC processing for system managed volumes requests deferred processing of volumes to scratch.

In the message text:

### ***volume\_type***

*volume\_type* is one of the following:

- PHYSICAL
- LOGICAL

- RM\_VRSEL
- RM\_EXPDT
- TOTAL

***number***

The number of system managed *volume\_type* volumes that are ready for returning to scratch on this system, for which a record has been written to the EDGSPLCS output file.

***percent***

The percentage of *volume\_type* volumes selected for EXPROC processing (see message EDG2435I).

**System action**

DFSMSrmm inventory management processing continues.

**Operator response**

None.

**System programmer response**

Run the EDGSPLCS utility to process the scratch statements produced by EDGHSKP EXPROC processing for system managed volumes.

**Source**

DFSMSrmm

**Module**

EDGMUPD

---

**EDG2427I** **INITIAL NUMBER OF EXPDT RETAINED VOLUMES = *number percent%***

**Explanation**

DFSMSrmm issues this message to the MESSAGE file during inventory management expiration processing. EXPDT retained volumes can be managed by either the EXPDT or the VRSEL retention method. This message is issued for information only.

In the message text:

***number***

This is the number of processed physical and logical volumes that are retained by EXPDT retention. This number includes volumes that are expiration retained because RETAINBY(SET) and another volume was EXPDT retained. VRS retained and newly assigned volumes are excluded.

***percent***

This is the percentage of the total number of processed physical and logical volumes read from the CDS by EXPROC processing and as restricted by the EXPROC SYSIN command.

**System action**

DFSMSrmm inventory management processing continues.

**Operator response**

None.



## Module

EDGMUPD

---

EDG2429I

MAIN INVENTORY MANAGEMENT UPDATES HAVE COMPLETED  
SUCCESSFULLY

## Explanation

This message is issued for information only.

## System action

Processing continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGMUPD

---

EDG2430I

ERROR DETERMINING VOLUME ACTIONS AND MOVEMENTS STATUS -  
RETURN CODE *return-code* REASON CODE *reason-code*

## Explanation

During inventory management expiration processing, DFSMSrmm could not determine the status of volume actions and movements from the DFSMSrmm control data set.

In the message text:

### ***return\_code***

Is the return code from the DFSMSrmm inventory management function.

### ***reason-code***

Is the reason code from the DFSMSrmm inventory management function.

## System action

Inventory management processing stops. DFSMSrmm abnormally ends with abend code U2440, and the system writes an SVC dump.

## Operator response

Inform the system programmer.

## System programmer response

If the *return\_code* is 20, this relates to a problem while performing I/O to the DFSMSrmm control data set. If this is a problem that you can identify and correct, do so. Otherwise, report the problem to the IBM Support Center. See [z/OS DFSMSrmm Diagnosis Guide](#) for information on the code U2440.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2431I**

**ERROR SETTING ACTION OR MOVEMENT STATUS TO PENDING WHILE  
PROCESSING VOLUME *volser* - RETURN CODE *return\_code* REASON  
CODE *reason-code***

## Explanation

During inventory management, DFSMSrmm could not set a release action or movement pending for a volume in the DFSMSrmm control data set.

In the message text:

### ***volser***

Volume serial number of the volume being updated

### ***return\_code***

Is the return code from the DFSMSrmm inventory management function

### ***reason-code***

Is the reason code from the DFSMSrmm inventory management function

## System action

Inventory management processing stops. DFSMSrmm abnormally ends with abend code U2440 and the system writes an SVC dump.

## Operator response

Inform the system programmer.

## System programmer response

If the *return\_code* is 20, this relates to a problem while performing I/O to the DFSMSrmm control data set. If this is a problem that you can identify and correct, do so. Otherwise, report the problem to the IBM Support Center. See [z/OS DFSMSrmm Diagnosis Guide](#) for information on code U2440.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

EDG2432I

**ERROR UPDATING VOLUME ACTIONS AND MOVEMENTS STATUS -  
RETURN CODE *return-code* REASON CODE *reason-code***

## Explanation

DFSMSrmm was able to update information for all volumes processed. DFSMSrmm could not update the status of volume actions and movements in the DFSMSrmm control data set.

In the message text:

### ***return\_code***

Is the return code from the DFSMSrmm inventory management function

### ***reason-code***

Is the reason code from the DFSMSrmm inventory management function

## System action

Inventory management processing stops. All volumes have been successfully updated in the DFSMSrmm control data set. However, the results of LISTCONTROL ACTIONS and LISTCONTROL MOVES requests might not be correct. DFSMSrmm abnormally ends with abend code U2440, and the system writes an SVC dump.

## Operator response

Inform the system programmer.

## System programmer response

If the *return\_code* is 20, this relates to a problem while performing I/O to the DFSMSrmm control data set. If this is a problem that you can identify and correct, do so. Otherwise, report the problem to the IBM Support Center. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on the DFSMSrmm parmlib options.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

EDG2433I

**ERROR REQUESTING LCS FUNCTION *function* FOR VOLUME *volser* -  
RETURN CODE *return\_code* REASON CODE *reason\_code***

## Explanation

During inventory management, DFSMSrmm unsuccessfully attempted to request an OAM function for the named volume.

In the message text:

**function**

Is the OAM function being requested and can be:

**CUA**

Change Use Attribute. An attempt to change a volume to scratch status.

**MCE**

Manual Cartridge Entry. An attempt to define a volume in a manual tape library as part of move confirmation processing.

**QVR**

Query Volume Residency. An attempt to determine if a volume is currently resident in the library.

**volser**

Volume serial number of the volume being processed at the time.

**return\_code**

This is the return code that is set by the CBRXLCS macro.

**reason\_code**

This is the reason code that is set by the CBRXLCS macro.

## System action

When the *return\_code* is 8, then DFSMSrmm abnormally ends with abend code U2430, and the system writes an SVC dump. Otherwise DFSMSrmm sets a minimum return code of 4 and processing continues. The current volume is not returned to scratch and no move is confirmed. Rerun inventory management to try processing again.

## Operator response

Inform the system programmer.

## System programmer response

If the *return\_code* is 8, report the problem to the IBM Support Center. Otherwise, refer to the [z/OS DFSMSdfp Diagnosis](#) for OAM return and reason code explanations.

## Source

DFSMSrmm

## Module

EDGMUPD

## Routing code

11

## Descriptor code

7

---

**EDG2434I**

**UNSUPPORTED VOLUME TYPE DETECTED FOR VOLUME *volser***

## Explanation

During inventory management, DFSMSrmm found a volume in the control data set with an unsupported volume type. DFSMSrmm does not process the volume.

In the message text:

***volser***

Volume serial number of the volume being processed at the time.

**System action**

DFSMSrmm skips the volume. DFSMSrmm inventory management processing sets a minimum return code of 4.

**Operator response**

None.

**System programmer response**

Use the RMM CHANGEVOLUME subcommand to change the volume type.

**Source**

DFSMSrmm

**Module**

EDGMUPD

---

**EDG2435I** *volume\_type* VOLUMES SELECTED FOR EXPROC = *number percent*%

**Explanation**

DFSMSrmm issues this message to the MESSAGE file during inventory management EXPROC processing. This message is issued for information only.

In the message text:

***volume\_type***

This is the type of volume and can be:

- PHYSICAL
- LOGICAL
- STACKED
- RM\_VRSEL
- RM\_EXPDT
- TOTAL

***number***

the number of *volume\_type* volumes read during inventory management.

***percent***

This is the percentage of total volumes read by DFSMSrmm inventory management processing.

**System action**

DFSMSrmm inventory management processing continues.

**Operator response**

None.



## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGMUPD

---

**EDG2436W** **ERROR NOTIFYING *owner\_name* OF VOLUME *volser* - RETURN CODE *return\_code* REASON CODE *reason\_code*.**

## Explanation

During inventory management, DFSMSrmm unsuccessfully attempted to notify an owner of the named volume that the volume becomes eligible for release.

In the message text:

### ***owner\_name***

The name of the user who owns the volume.

### ***volser***

Volume serial number of the volume being processed at the time.

### ***return\_code***

The return code set by EDGNTFY.

### ***reason\_code***

The reason code set by EDGNTFY.

## System action

DFSMSrmm inventory management continues and the volume owner is not notified.

## Operator response

Inform the system programmer.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGMUPD

---

**EDG2440I** **ERROR PROCESSING CONTROL DATA SET. FUNCTION *function* *record\_type* *identifier* RETURN CODE *return\_code* REASON CODE *reason\_code***

## Explanation

During inventory management, DFSMSrmm unsuccessfully requested an action against the DFSMSrmm control data set.

In the message text:

***function***

The DFSMSrmm control data set function requested which can be:

**CHNG**

Update a record in the control data set

**GETD**

Read a record by key from the control data set

**GETS**

Read the next record from the control data set

**GTKG**

Read a record with the named or next higher key from the control data set

**LDEL**

Delete a record from the control data set

**LOCK**

Obtain exclusive use of the control data set

**SETP**

Position within the control data set

**UNLK**

Release exclusive use of the control data set

***record\_type***

The type of record for read, delete, and update requests. It is not provided for other function types. *record\_type* can be: VOLUME, BIN, or OWNER.

***identifier***

The record for read, delete, and update requests. It is not provided for other function types.

***return\_code***

The return code set by EDGMFIO.

***reason\_code***

The reason code set by EDGMFIO.

**System action**

DFSMSrmm abnormally ends with abend code U2410, and the system writes an SVC dump.

**Operator response**

Inform the system programmer.

**System programmer response**

Run the EDGUTIL VERIFY function to ensure the consistency of the DFSMSrmm control data set. If the error cannot be identified and corrected, report the problem to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGLCSUX

**Routing code**

11

## Descriptor code

7

**EDG2441I**

**ERROR CHECKING SMS ENVIRONMENT. FUNCTION *function identifier* -  
RETURN CODE *return\_code* REASON CODE *reason\_code***

## Explanation

During inventory management, DFSMSrmm validates the execution environment prior to using OAM services. DFSMSrmm detected an error during validation.

In the message text:

### ***function***

This is the DFSMSrmm control data set function requested and can be:

#### **LOCATION**

Checks that a volume destination is valid and that the volume is defined in the volume catalog.

#### **MEDIACNV**

Checks that the required location of the volume is a known store location which supports the volume's media name.

#### **SMSLEVEL**

Checks that DFSMS/MVS is installed and that the SMS subsystem is active.

#### **TCDBVOL**

Checks that a TCDB exists and contains at least one volume.

#### **VOLUME**

Checks that a volume is defined in the volume catalog.

### ***identifier***

*identifier* is provided only for the LOCATION function, the MEDIACNV function, the VOLUME function and identifies the volume being processed. DFSMSrmm does not provide the identifier for the SMSLEVEL and TCDBVOL functions.

### ***return\_code***

This is the return code set by either the CBRXLCS macro or SMS or DFSMSrmm.

### ***reason\_code***

This is the reason code set by either the CBRXLCS macro or SMS or DFSMSrmm.

## System action

Inventory management abnormally ends with abend code U2450 and DFSMSrmm writes an SVC dump in the following cases:

- For the LOCATION function if the return code is greater than 8.
- For the MEDIACNV function if the return code is greater than 8.
- For the SMSLEVEL function if the return code is greater than 4.
- For the VOLUME function if the return code is not equal to zero.

If DFSMSrmm does not issue an abend, the current volume is skipped and inventory management processing continues with the next volume.

## Operator response

Inform the system programmer.

## System programmer response

If the return code is 8, report the problem to the IBM Support Center. Otherwise, refer to [z/OS DFSMS OAM Planning, Installation, and Storage Administration Guide for Tape Libraries](#) for OAM return code and reason code explanations.

### Source

DFSMSrmm

### Module

EDGMUPD

### Routing code

11

### Descriptor code

7

---

EDG2442E

FILTER PROCESSING FAILED RETURN CODE *return\_code* - DSTORE  
PROCESSING ENDED

### Explanation

DFSMSrmm issues this message to the MESSAGE file when DSTORE by location processing for generic location names detects a problem with filter processing services.

In the message text:

#### ***return\_code***

The return code from DFSMSrmm internal filter services.

### System action

DFSMSrmm inventory management processing ends with user completion code U2460.

### Operator response

None.

## System programmer response

If no other diagnostic information is available to resolve the problem, inform the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGMUPD

### Routing code

–

## Descriptor code

–

---

EDG2443I

EXIT PROCESSING DISABLED FOR THIS EXPROC RUN – EXIT  
*exit\_name* NOT DEFINED

## Explanation

DFSMSrmm inventory management EXPROC processing is checking if the EDG\_EXIT200 installation exit is defined. The exit is not defined.

In the message text:

### ***exit\_name***

Is the name of the DFSMSrmm installation exit. It can be EDG\_EXIT200.

## System action

DFSMSrmm processing continues, but the installation exit is not called for any of the volumes eligible for return to scratch.

## Operator response

N/A

## System programmer response

Determine why the EDG\_EXIT200 exit is not defined. DFSMSrmm defines the exit at startup time so the exit should be defined for the life of the IPL. Use earlier messages issued during startup to determine the cause.

## Source

DFSMSrmm

## Module

EDGCMIX

## Routing code

–

## Descriptor code

–

---

EDG2444I

EXIT PROCESSING DISABLED FOR THIS EXPROC RUN – NO ACTIVE  
EXIT MODULE FOR EXIT *exit\_name*

## Explanation

DFSMSrmm inventory management EXPROC processing is checking if there is at least one active exit module associated with the EDG\_EXIT200 installation exit. No active exit module has been found.

In the message text:

### ***exit\_name***

Is the name of the DFSMSrmm installation exit. It can be EDG\_EXIT200.

## System action

DFSMSrmm processing continues, but the installation exit is not called for any of the volumes eligible for return to scratch.

## Operator response

N/A

## System programmer response

If you have no exit modules for the EDG\_EXIT200 installation exit, this message is for information only. If you have an exit module for this exit, determine why the exit is not active. If you are using the default exit module EDGUX200, use earlier messages that might have been issued during startup to determine the cause. If your exit module is not the default exit module, review how your exit module is to be activated and whether any operator command has deactivated the exit module.

## Source

DFSMSrmm

## Module

EDGCMIX

## Routing code

–

## Descriptor code

–

---

EDG2445I

**EXIT PROCESSING ENABLED FOR THIS EXPROC RUN – ACTIVE EXIT  
MODULES FOR EXIT *exit\_name: list\_of\_exit\_module\_names***

## Explanation

DFSMSrmm inventory management EXPROC processing is checking if the EDG\_EXIT200 installation exit is defined and active. The exit is defined and there are active exit modules.

In the message text:

### ***exit\_name***

The name of the DFSMSrmm installation exit. It can be EDG\_EXIT200.

### ***list\_of\_exit\_module\_names***

A list of active exit module names. This is the list at the start of EXPROC processing. The exit modules that are active might change during EXPROC processing depending on dynamic exit services processing used by other programs in the system or by operator command.

## System action

DFSMSrmm processing continues.

## Operator response

N/A

## System programmer response

This message is issued for information only.

### Source

DFSMSrmm

### Module

EDGCMIX

### Routing code

–

### Descriptor code

–

---

**EDG2446I**

**SCRATCH PROCESSING DISABLED FOR THIS EXPROC RUN**

### Explanation

DFSMSrmm inventory management EXPROC processing is checking if the EDG\_EXIT200 installation exit is defined and active. An error has occurred during processing.

### System action

DFSMSrmm EXPROC processing continues, but no volumes are returned to scratch status. The installation exit is not called for any of the volumes eligible for return to scratch.

### Operator response

N/A

## System programmer response

A preceding message has been issued either in the MESSAGE file or to the SYSLOG. Use the message to determine the cause.

### Source

DFSMSrmm

### Module

EDGCMIX

### Routing code

–

### Descriptor code

–

---

**EDG2447I**

**SCRATCH PROCESSING DISABLED FOR THE REMAINDER OF THIS EXPROC RUN**

## Explanation

DFSMSrmm inventory management EXPROC processing has attempted to call the EDG\_EXIT200 installation exit, but an error has occurred during processing.

## System action

DFSMSrmm EXPROC processing continues, but no further volumes are returned to scratch status. The installation exit is no longer called for any of the remaining volumes eligible for return to scratch.

## Operator response

N/A

## System programmer response

A preceding EDG0314I message has been issued either in the MESSAGE file or to the SYSLOG. Use the message to determine the cause.

## Source

DFSMSrmm

## Module

EDGCMIX

## Routing code

–

## Descriptor code

–

---

**EDG2448I**

**UNEXPECTED RESULTS FOR THIS EXPROC RUN FROM EXIT exit\_name  
- ONE OR MORE VOLUMES NOT RETURNED TO SCRATCH**

## Explanation

DFSMSrmm inventory management EXPROC processing attempted to call the EDG\_EXIT200 installation exit, but an error has occurred during processing.

## System action

DFSMSrmm EXPROC processing has completed, but one or more volumes that were eligible for return to scratch remain in pending release status.

## Operator response

N/A

## System programmer response

An exit module for the EDG\_EXIT200 installation exit has returned an unsupported return or reason code. DFSMSrmm issues the relevant EDG0313I message for the first occurrence and writes a PDA trace entry for each occurrence. See message EDG0313I that is written to the MESSAGE file and to the system log. If you need to refer to all the errors, use ARCPRPDO to format the PDA trace entries created by module EDGCMIX during EXPROC processing. The PDA trace entry gives details of the exit name, exit module name and the values



returned. Ensure that the exit module returns only supported return codes as defined in the [z/OS DFSMSrmm Implementation and Customization Guide](#).

### Source

DFSMSrmm

### Module

EDGCMIX

### Routing code

–

### Descriptor code

–

---

<b>EDG2501E</b>	<b>SORT OF SATELLITE UPDATE INPUT RECORDS FAILED RETURN CODE</b> <i>return_code</i>
-----------------	--

### Explanation

Satellite file update processing failed while input records were being sorted.

In the message text:

#### ***return\_code***

Value returned indicating the results of processing.

### System action

The current inventory management activities stop.

### Operator response

None.

### System programmer response

Identify the cause of the error based on the sort program return code, and resubmit the job.

### Source

DFSMSrmm

### Module

EDGSUPD

### Routing code

11

### Descriptor code

7

---

EDG2502E

**ERROR PROCESSING CONTROL DATA SET. RETURN CODE *return\_code*,  
FUNCTION *function*, OFFSET *hex\_offset*, RECORD KEY *record\_key***

### Explanation

During satellite update processing, a request to read, write, or serialize the DFSMSrmm control data set failed.

In the message text:

***return\_code***

Value returned indicating the results of processing.

***function***

Reading, writing, or serializing.

***hex\_offset***

The hexadecimal offset where the error occurred within the program issuing the message

***record\_key***

The key of the record being read or written. If no key is specified, the DFSMSrmm control data set was being serialized.

### System action

Satellite processing abnormally ends with abend code U2500. The current inventory management activities end.

### Operator response

None.

### System programmer response

Report the error, along with the text of this message to the IBM Support Center. Once corrected, resubmit the job.

### Source

DFSMSrmm

### Module

EDGSUPD

### Routing code

11

### Descriptor code

7

---

EDG2503E

**PROCESSING OF VOLUME *volser1* FAILED. RACK *rack\_number*  
ALREADY IN USE FOR VOLUME *volser2* STATUS *status***

### Explanation

During satellite update processing, the rack *rack\_number* assigned to the volume is already occupied by another volume *volser2*.

In the message text:

**volser1**

The volume serial number from the satellite file

**rack\_number**

The shelf location, which should be empty but has been assigned to another volume

**volser2**

The volume serial number already assigned to *rack\_number* in the current DFSMSrmm control data set.

**status**

The status of *volser2* defined in the current DFSMSrmm control data set

**System action**

Satellite processing abnormally ends with abend code U2500. The current inventory management activities end.

**Operator response**

None.

**System programmer response**

This message is issued because the same rack number was assigned to two different volumes from two different systems.

To correct this error, decide which volume you want assigned to the rack number provided in the message text. Move the other volume to a different rack using the RMM CHANGEVOLUME subcommand with the RACK operand. Use the RMM ADDVOLUME subcommand to assign the new rack number.

Because satellite update processing uses the volume information with the most recent date, change the volume date and time information on the system where you issued the move request. Use a date and time higher than the other systems where the volume has been added, to ensure the volume information is updated correctly. We suggest changing the description information as well, to avoid changing any significant data. Also check for any other volume that might have been added on this system.

Rerun the current satellite update processing with the same input data.

**Source**

DFSMSrmm

**Module**

EDGSUPD

**Routing code**

11

**Descriptor code**

7

---

EDG2504E

**PROCESSING OF VOLUME *volser1* FAILED. BIN *bin\_number* ALREADY  
IN USE FOR VOLUME *volser2***

**Explanation**

During satellite update processing, a volume record found in the satellite changes input file was either being added to the DFSMSrmm control data set, or changed in the DFSMSrmm control data set. The bin number assigned to the incoming volume was found in the DFSMSrmm control data set referencing another volume.

In the message text:

***volser1***

The volume serial number being processed from the satellite changes file

***bin\_number***

The bin number assigned to *volser1* should be undefined or defined as empty on this system

***volser2***

The volume serial number already assigned to *bin\_number* in the current DFSMSrmm control data set

**System action**

Satellite processing abnormally ends with abend code U2500. The current inventory management activities stop.

**Operator response**

None.

**System programmer response**

This error occurs because satellite update information is being exchanged between two master systems. The OPTION MASTER(Y/N) parameter should be checked and corrected as necessary. You can use DFSMSrmm TSO subcommands to correct the problem by deleting volumes from one system and adding volumes to another system.

**Source**

DFSMSrmm

**Module**

EDGSUPD

**Routing code**

11

**Descriptor code**

7

---

**EDG2505E**

**PROCESSING OF VOLUME *volser1* FAILED. OLDBIN *bin\_number*  
ALREADY IN USE FOR VOLUME *volser2***

**Explanation**

During satellite update processing, a volume record found in the satellite changes input file was either being added to the DFSMSrmm control data set, or changed in the DFSMSrmm control data set. The previous bin number assigned to the incoming volume was found in the DFSMSrmm control data set referencing another volume.

In the message text:

***volser1***

The volume serial number being processed from the satellite changes file

***bin\_number***

The bin number assigned to *volser1* should be undefined or defined as empty on this system

***volser2***

The volume serial number already assigned to *bin\_number* in the current DFSMSrmm control data set

## System action

Satellite processing abnormally ends with abend code U2500. The current inventory management activities stop.

## Operator response

None.

## System programmer response

This error occurs because satellite update information is being exchanged between two master systems. The OPTION MASTER(Y/N) parameter should be checked and corrected as necessary. You can use DFSMSrmm TSO subcommands to correct the problem by deleting volumes from one system and re-adding volumes to another system.

## Source

DFSMSrmm

## Module

EDGSUPD

## Routing code

11

## Descriptor code

7

---

**EDG2506I**

**SATUPIN RECORD NOT RECOGNIZED, RECORD KEY *data***

## Explanation

During satellite update processing, a record in the input data set pointed to by SATUPIN could not be recognized as a valid DFSMSrmm control data set record.

In the message text:

### ***data***

Up to 56 bytes of the record found in the satellite changes file that could not be identified

## System action

Satellite processing ends with return code 12. The current inventory management activities stop.

## Operator response

Inform the system programmer.

## System programmer response

Ensure that data contained in the SATUPIN data set is valid output from a previous run of satellite update processing on another system. If the SATUPIN file is not one that was produced by DFSMSrmm satellite processing, replace it with the correct file.

**Source**

DFSMSrmm

**Module**

EDGSUPD

**Routing code**

11

**Descriptor code**

7

---

**EDG2602E****ERROR READING CONTROL DATA SET. REPORT EXTRACT PROCESSING INCOMPLETE****Explanation**

An unrecoverable error has been encountered during report extract file record processing. An explanatory message precedes this message.

**System action**

Report extract file records processing stops.

**Operator response**

Inform the system programmer.

**System programmer response**

Correct the problem reported by the preceding error message, and resubmit the report extract file processing job using EDGHSKP.

**Source**

DFSMSrmm

**Module**

EDGRPTX

**Routing code**

2

**Descriptor code**

7

---

**EDG2603E****ERROR DURING REPORT EXTRACT PROCESSING - EXTERNAL SORT FAILED WITH RETURN CODE *return\_code*****Explanation**

During report extract processing, the external sort failed.

In the message text:

***return\_code***

The return code set by SORT.

**System action**

Report extract processing ends. The current inventory management request, which can include other functions, stops. DFSMSrmm issues ABEND U2603.

**Operator response**

Report this error to the system programmer.

**Programmer response**

Determine the cause of the sort error and resubmit the job. Refer to the documentation for your SORT product for details about how to obtain diagnostic messages and information. If you cannot correct the error, report the problem to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGXRPTX

**Routing code**

11

**Descriptor code**

7

---

**EDG2604E**

**DYNAMIC ALLOCATION OF EDGXRPTX SORT FILE FAILED. ERROR  
CODE *return\_code function\_code error\_code info\_code***

**Explanation**

During the extended extract record processing, DFSMSrmm attempted to allocate or deallocate the report extract file.

In the message text:

***return\_code***

The return code from DYNALLOC expressed in hexadecimal.

***function\_code***

This is one of:

- 01 - dynamic allocation failed
- 02 - dynamic deallocation failed

***error\_code***

The error code expressed in hexadecimal.

***info\_code***

The information code expressed in hexadecimal.

For an explanation of these codes, see [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#).

### **System action**

DFSMSrmm inventory management report extract processing ends with ABEND code U2604 and DFSMSrmm writes a system dump.

### **Operator response**

Inform the system programmer.

### **System programmer response**

Use the dynamic allocation error and information codes to determine the reason for the failure and correct the problem if possible. If the problem cannot be identified, report the error to the IBM Support Center.

### **Source**

DFSMSrmm

### **Module**

EDGXRPTX

---

**EDG2800E LOGICAL ERROR DURING DFSMSRMM PROCESSING CAUSED BY THE DYNAMIC CHANGES IN I/O CONFIGURATION**

### **Explanation**

Dynamic activation of a new I/O configuration caused a logical error in DFSMSrmm processing.

### **System action**

DFSMSrmm processing ends with ABEND code U1650 and the system writes a dump.

### **Operator response**

None.

### **System programmer response**

Report the error to the IBM Support Center. Issue MODIFY DFRMM,M=xx to refresh DFSMSrmm subsystem to match it to the changed I/O configuration.

### **Source**

DFSMSrmm

### **Module**

EDGBLDUX

---

**EDG3000E RMM COMMAND IS NOT APF AUTHORIZED**

### **Explanation**

The DFSMSrmm command processor is in a library that is not APF authorized, does not appear in the AUTHCMD list in the IKJTSoxx member of SYS1.PARMLIB, or does not have the AC(1) link-edit option.



## System action

The request fails.

## Operator response

None.

## System programmer response

Add the command name to the AUTHCMD list in the IKJTSOxx member of SYS1.PARMLIB. If the library containing the command is not in the APF list (IEAAPFxx member of SYS1.PARMLIB), either move the command to an authorized library, or update the APF list to add the new library. If the link-edit information is incorrect, correct it, link-edit the module again, and do an LLA refresh. If DFSMSrmm is not installed correctly or LPA code is changed, you might need to re-IPL the system with the CLPA option.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3001E**

**DFSMSrmm SUBSYSTEM IS NOT ACTIVE**

## Explanation

The DFSMSrmm subsystem is not active. DFSMSrmm TSO subcommands cannot be used to display or alter information contained within the DFSMSrmm control data set.

## System action

The request fails.

## Operator response

Start the DFSMSrmm subsystem, using your installation's procedures.

## Programmer response

If you expect DFSMSrmm to be active on your system, then you should inform your installation's service supplier.

## Source

DFSMSrmm

## Module

EDGAUD

## Routing code

11

## Descriptor code

7

---

**EDG3003E** UNEXPECTED RETURN CODE *return\_code* FROM *routine\_name* SERVICE  
ROUTINE WHILE PROCESSING *variable\_name*

## Explanation

During DFSMSrmm subcommand processing, an attempt to set or retrieve the value of a REXX variable failed.

In the message text:

### ***return\_code***

Value returned indicating the results of processing

### ***routine\_name***

The name of a service routine

### ***variable\_name***

The failed variable

## System action

The request fails.

## Operator response

None.

## Programmer response

See [z/OS TSO/E Programming Services](#) for information about the *return\_code* returned.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3004E** UNEXPECTED RETURN CODE *return\_code* FROM *routine\_name* SERVICE  
ROUTINE

## Explanation

During DFSMSrmm TSO subcommand processing, one of the TSO service routines could not be used.

In the message text:

**return\_code**

Value returned indicating the results of processing

**routine\_name**

The name of a service routine

**System action**

The request fails.

**Operator response**

None.

**Programmer response**

See [z/OS TSO/E Programming Services](#) for information about the *return\_code* returned.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

EDG3005E

UNKNOWN SUBCOMMAND *subcommand* ENTERED

**Explanation**

DFSMSrmm did not recognize the subcommand that was entered.

In the message text:

***subcommand***

The subcommand that was entered

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Correct the subcommand name and reissue the request. Refer to [z/OS DFSMSrmm Managing and Using Removable Media](#) for guidance on using the DFSMSrmm TSO subcommands.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3008E**

**ABEND Ssystem\_code Uuser\_code ab\_reason DURING COMMAND  
PROCESSING**

**Explanation**

The TSO command processor abnormally ends.

In the message text:

***system\_code***

A hexadecimal code issued by a system component

***user\_code***

A decimal code issued by DFSMSrmm

***ab\_reason***

Is a reason code value of the occurred abend. If the user abend took place, the abend reason code value is an internal value set by DFSMSrmm.

**System action**

The request fails.

**Operator response**

None.

**System programmer response**

See *z/OS MVS System Codes* for information on correcting the error. If the error cannot be corrected, contact the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

## Descriptor code

7

---

EDG3009I

OWNER IS NOT DEFINED

## Explanation

The owner name specified in a DFSMSrmm TSO subcommand is not defined to DFSMSrmm.

## System action

The command fails.

## Operator response

None.

## Programmer response

1. Reissue the subcommands using an owner name defined to DFSMSrmm.
2. Specify the owner operand and an operand value so the default value is not taken.
3. Define the owner to DFSMSrmm by using the RMM ADDOWNER subcommand.
4. Reissue the original request.

See [z/OS DFSMSrmm Managing and Using Removable Media](#) for guidance on using the DFSMSrmm TSO subcommands.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3010I

NO ENTRIES MEET SEARCH CRITERIA

## Explanation

An RMM TSO SEARCH subcommand found no entries that match the search arguments specified.

## System action

The command completes.

## Operator response

None.

## Programmer response

Reissue the search request using a different set of operands to expand the search criteria. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for guidance on using the RMM TSO SEARCH subcommands.

### Source

DFSMSrmm

### Module

EDGMTSO

### Routing code

11

### Descriptor code

7

---

**EDG3011I** **1 ENTRY LISTED**

### Explanation

The message is issued for information only. The message displays the number of entries listed by a DFSMSrmm TSO subcommand.

### System action

The subcommand completes.

### Operator response

None.

### Source

DFSMSrmm

### Module

EDGMTSO

### Routing code

11

### Descriptor code

7

---

**EDG3012I** ***number* ENTRIES LISTED**

### Explanation

The message is issued for information only. The message displays the number of entries listed by a DFSMSrmm TSO subcommand.

In the message text:

**number**

Number of entries listed

**System action**

The subcommand completes.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3013I****THE ERROR OCCURRED WHILE ADDING VOLUME *volser*****Explanation**

A request to add more than one scratch volume failed. The request failed while adding the *volser* shown in the message text. DFSMSrmm issues messages to indicate the reason for the failure. Any volumes in the sequence prior to the indicated volume are successfully added.

In the message text:

***volser***

Volume serial number

**System action**

The command ends.

**Operator response**

None.

**Programmer response**

Inspect the error messages issued by DFSMSrmm to resolve the problem.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Explanation**

The indicated number of scratch volumes was successfully added.

In the message text:

***number***

Number of scratch volumes added

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

**Explanation**

This message is issued for information only. A GETVOLUME request completed successfully. The *volser* in the message text has been assigned as a USER volume to the owner specified.

In the message text:

***volser***

Volume serial number

***owner\_name***

The name of the user who owns the volume

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm



**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3016I****RACK *rack\_number* ASSIGNED TO VOLUME****Explanation**

This message is issued for information only. A volume has been assigned the specified *rack\_number* and has been added to DFSMSrmm.

In the message text:

***rack\_number***

Volume shelf location identifier

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3017I****THE ERROR OCCURRED WHILE ADDING RACK NUMBER *rack\_number*****Explanation**

A request to add more than one rack number failed. The request failed while adding the *rack\_number* shown in the message text. Message EDG3200I describes the reason for the failure. Any rack numbers in the sequence preceding the specified *rack\_number* have been added.

In the message text:

***rack\_number***

Volume shelf location identifier

**System action**

The command ends.

**Operator response**

None.

**Programmer response**

See message EDG3200I for guidance on how to resolve the problem.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3018I*****number* RACK NUMBER(S) ADDED****Explanation**

This message is issued for information only. Multiple rack numbers were added to DFSMSrmm.

In the message text:

***number***

Number of racks added

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

## Descriptor code

7

---

**EDG3019I**

**THE ERROR OCCURRED WHILE DELETING RACK NUMBER *rack\_number***

## Explanation

A request to delete multiple rack numbers failed. The request failed while deleting the *rack\_number* shown in the message text. Message EDG3229 describes the reason for the failure. Any rack numbers preceding the rack number displayed in the message text have been deleted.

In the message text:

***rack\_number***

Volume shelf location identifier

## System action

The command ends.

## Operator response

None.

## Programmer response

See message EDG3229E for guidance on how to resolve the problem.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3020I**

***number* RACK(S) DELETED**

## Explanation

This message is issued for information only. Multiple rack numbers *number* were successfully deleted.

In the message text:

***number***

Number of deleted rack numbers

## System action

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3021E****NEWOWNER VALUE MUST NOT EQUAL OWNER TO BE DELETED****Explanation**

A request to delete an owner record and transfer the volumes to another owner failed. The new owner cannot be the same as the old owner name.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Correct the subcommand and reissue it.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3022E****THE INSTALLATION DEFINED MAXIMUM RETENTION PERIOD must not be exceeded.**

## Explanation

One of the following requests failed.

- The request to assign a retention period or expiration date for a volume or data set failed because the expiration date exceeds the installation retention limit.
- The request to assign a LASTREF value for a data set failed because the value exceeds the installation defined maximum retention period MAXRETPD.

## System action

The request fails.

## Operator response

None.

## Programmer response

You can use the RMM LISTCONTROL subcommand with the OPT operand to find the maximum retention period that a user can request for data sets on volumes. Then reissue the request with the valid retention period or expiration date or last reference days. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for information on using the DFSMSrmm TSO subcommands.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3023E

VOLUME IS PENDING RELEASE

## Explanation

Either the RMM DELETEVOLUME subcommand specified with the RELEASE operand failed because the volume to be deleted is already released, or the RMM CHANGEVOLUME subcommand specified a storage location the HOLD or EDM operand and the volume is already released.

## System action

The request fails.

## Operator response

None.

## Programmer response

Check to see that you are processing the correct volume.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3024E****INVENTORY MANAGEMENT CONFIRMATION OF VOLUME ACTIONS AND  
MOVEMENTS IS NOT ALLOWED ON SATELLITE SYSTEMS****Explanation**

The RMM CHANGEVOLUME subcommand cannot be issued on a satellite system.

**System action**

The request ends and no further action is performed by the system.

**Operator response**

None.

**Programmer response**

Reissue the request on the master system to confirm actions or movements for volumes.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3025I*****continue\_information*****Explanation**

An RMM TSO SEARCH subcommand specified the CONTINUE operand and more records may exist.

In the message text:

**continue\_information**

This is the exact value to be used for the CONTINUE operand of the search command that continues the search.

**System action**

The command completes.

**Operator response**

None.

**Programmer response**

To get the next set of records, input the text of the message as the continuation information in the CONTINUE operand of the repeated search subcommand.

**Source**

DFSMSrmm

**Module**

EDGMTSO

---

**EDG3026E****SEARCH SUBCOMMAND INTERRUPTED BY OPERATOR COMMAND****Explanation**

The SEARCH subcommand you issued was interrupted by a CANCEL command.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

If you need more data than that returned by SEARCH, reissue the subcommand.

**Source**

DFSMSrmm

**Module**

EDGTSO

---

**EDG3027E****SUBCOMMAND INTERRUPTED BY OPERATOR COMMAND****Explanation**

The ADD or DELETE subcommand you issued with COUNT greater than 1 is interrupted by a CANCEL command.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Use the information returned by the command to determine how many resources were added or deleted. Adjust the subcommand for reissuing if you want to finish adding or deleting the resources.

## Source

DFSMSrmm

## Module

EDGTSO

---

**EDG3028I**

**PROCESSING INTERRUPTED BY ATTN**

## Explanation

You used the attention key (ATTN) to interrupt DFSMSrmm subsystem request processing. The RMM TSO command processor cannot determine whether your command is completed or not. If you issued an ADD or DELETE subcommand with the subsystem, the request may not be completed. When you specify COUNT, the request may only be partially completed.

## System action

The subcommand is interrupted.

## Operator response

None.

## Programmer response

- If you used an ADD or DELETE subcommand, use the SEARCH command to determine whether your request was processed.
- If you specified a COUNT number greater than 1, determine how many resources were added or deleted.
- If you issue the subcommand again, adjust the values to account for the completed processing before the attention is interrupted.

## Source

DFSMSrmm

## Module

EDGTSO

---

**EDG3106E**

**UNDEFINED SECURITY CLASS. ENTER ONE OF YOUR INSTALLATION'S SECURITY CLASSES**



## Explanation

The value supplied as the security class operand with a DFSMSrmm TSO subcommand does not correspond to any of the security classes defined for your installation.

## System action

The TSO Parse facility prompts the user to enter a valid security class.

## Operator response

None.

## Programmer response

Enter a valid security class. Use the RMM LISTCONTROL subcommand to list the security classes defined for your installation.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3107E**

**DO NOT SPECIFY THE 'SECLEVEL' OPERAND - YOUR INSTALLATION  
HAS NO SECURITY CLASSES DEFINED**

## Explanation

A DFSMSrmm TSO subcommand was specified with the security level operand, but there are none defined for your installation.

## System action

The request fails.

## Operator response

None.

## Programmer response

Reissue the subcommand without the SECLEVEL operand.

## Source

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3200I** THE ENTRY BEING ADDED IS ALREADY DEFINED TO DFSMSrmm**Explanation**

The RMM ADD subcommand cannot be used to add this entry, because it is already defined to DFSMSrmm.

**System action**

The request fails.

**Operator response**

None.

**Programmer response**

Reissue the request, correcting any errors. See *z/OS DFSMSrmm Managing and Using Removable Media* for guidance on using the RMM ADD subcommands.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3201I** THE ENTRY IS NOT DEFINED TO DFSMSrmm**Explanation**

The RMM subcommand cannot be used because the specified entries that are not defined to DFSMSrmm.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Re-submit the request using the correct information. For guidance on using the RMM TSO subcommands, see [z/OS DFSMSrmm Managing and Using Removable Media](#).

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3202E****USER NOT AUTHORIZED TO ISSUE THIS REQUEST****Explanation**

An unauthorized user attempted to list or alter data in the DFSMSrmm control data set.

**System action**

The request fails.

**Operator response**

None.

**Programmer response**

Contact your security administrator to authorize the user. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on security profiles and authorizing users.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

**Explanation**

This message is issued for information only. The RMM SEARCH subcommand was specified with the LIMIT operand. DFSMSrmm returned the number of entries specified by the LIMIT operand. There might be more entries that match the search criteria.

If you issued a SEARCHVRS request with the CHAIN operand, the amount of information DFSMSrmm returns exceeds the DFSMSrmm buffer size.

**System action**

Processing continues.

**Operator response**

None.

**Programmer response**

You can reissue the subcommand specifying a higher limit value or LIMIT(\*).

To get more vital record specifications returned, reissue the SEARCHVRS request with the CHAIN operand and use the last entry shown as the starting point for the search.

**Note:** Specifying LIMIT(\*) can return an extremely large number of entries.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

**Explanation**

An I/O error occurred while accessing the DFSMSrmm control data set to process a DFSMSrmm TSO subcommand.

**System action**

The request fails.

**Operator response**

None.

## System programmer response

The SYSLOG should contain error information about the I/O error encountered by the subsystem. Contact the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGMTSO

### Routing code

11

### Descriptor code

7

---

EDG3205E

**JOURNAL FILE IS LOCKED DURING DFSMSrmm SUBSYSTEM  
PROCESSING**

### Explanation

DFSMSrmm TSO subcommand processing cannot update the DFSMSrmm control data set because the journal data set is locked. The journal data set was locked when an operator replied 'L' to message EDG2103D.

### System action

The request fails. DFSMSrmm cannot perform the requested functions if the journal is locked.

### Operator response

Inform the system programmer.

### System programmer response

Schedule the control data set back up processing to clear the journal. Use EDGHSKP,PARM=BACKUP to back up the control data set and to clear the journal. Do not specify any other EDGHSKP parameters. Then re-issue the RMM TSO subcommand.

### Source

DFSMSrmm

### Module

EDGMTSO

### Routing code

11

### Descriptor code

7

**Explanation**

An error occurred while engaging the DFSMSrmm subsystem in response to a DFSMSrmm TSO subcommand.

**System action**

The request fails.

**Operator response**

None.

**System programmer response**

Ensure the correct levels of the subsystem code are installed. Report this error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

**Explanation**

A DFSMSrmm TSO subcommand attempted to access the DFSMSrmm subsystem, which has not been defined on your system.

**System action**

The request fails.

**Operator response**

None.

**System programmer response**

Complete the installation of DFSMSrmm. See [\*z/OS DFSMSrmm Implementation and Customization Guide\*](#) for guidance.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3208E****SEVERE ERROR PROCESSING DFSMSrmm SUBSYSTEM REQUEST****Explanation**

A DFSMSrmm TSO subcommand attempted to engage the DFSMSrmm subsystem, but an error occurred during subsystem processing.

**System action**

The request fails.

**Operator response**

None.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3209E****LOGIC ERROR PROCESSING DFSMSrmm SUBSYSTEM REQUEST****Explanation**

A DFSMSrmm TSO subcommand attempted to engage the DFSMSrmm subsystem, but an error occurred during the subsystem processing.

**System action**

The request fails.

**Operator response**

None.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3210E****DFSMSrmm SUBSYSTEM IS CLOSING DOWN****Explanation**

The DFSMSrmm subsystem is closing down so the DFSMSrmm TSO subcommand request cannot be processed.

**System action**

The request fails.

**Operator response**

None.

**Programmer response**

Reissue the request when the subsystem is restarted.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7



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EDG3211E

ABEND DURING DFSMSrmm SUBSYSTEM PROCESSING DUE TO  
INCORRECT DATA

**Explanation**

A DFSMSrmm TSO subcommand attempted to engage the DFSMSrmm subsystem, but an error occurred during subsystem processing.

**System action**

The command fails.

**Operator response**

None.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

EDG3212E

REQUEST REJECTED - DFSMSrmm INVENTORY MANAGEMENT  
CURRENTLY IN PROGRESS

**Explanation**

DFSMSrmm TSO subcommands to ADD, CHANGE, or DELETE information to the DFSMSrmm control data set cannot be processed while inventory management functions are being processed.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Reissue the request when inventory management has completed.



**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

1, 3

**Descriptor code**

7

---

**EDG3214I*****function* WAITING FOR AN OPERATOR REPLY****Explanation**

The system has issued EDG3213D WTOR to the console, which requires a reply.

In the message text:

***function***

Describes the processing that DFSMSrmm attempts to perform. It can be:

**GETVOLUME**

TSO RMM GETVOLUME subcommand was issued and currently cannot be executed, because another GETVOLUME request is in progress.

**System action**

The system waits until the operator replies to message EDG3213D.

**Operator response**

See message EDG3213D.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

2

---

**EDG3215I****REQUEST REJECTED - ANOTHER GETVOLUME CURRENTLY IN PROGRESS**

## Explanation

DFSMSrmm TSO subcommand GETVOLUME cannot be processed while a previously invoked GETVOLUME request is being processed. The operator replied CANCEL to message EDG3213D.

## System action

The GETVOLUME subcommand fails.

## Operator response

None.

## System programmer response

None.

## Programmer response

Reissue the request after the previous GETVOLUME request has completed.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3216I**

**DFSMSRMM IS QUIESCED**

## Explanation

You are attempting to issue an RMM subcommand while the DFSMSrmm subsystem started task is quiesced.

## System action

The subcommand ends with return code 12 reason code 256.

## Programmer response

Retry the command when the operator has restarted the DFSMSrmm subsystem.

## Source

DFSMSrmm

## Module

EDGTSO

---

EDG3220E

**MISSING OPERAND. BOTH THE USERID AND THE NODE MUST BE SPECIFIED WHEN ADDING ELECTRONIC MAIL INFORMATION TO AN EXISTING OWNER**

### **Explanation**

USER and NODE operands must be specified with the RMM CHANGEOWNER subcommand when defining electronic mail information for an existing owner.

### **System action**

The command failed.

### **Operator response**

None.

### **Programmer response**

Reissue the command, specifying both the USER and NODE operands.

### **Source**

DFSMSrmm

### **Module**

EDGMTSO

### **Routing code**

11

### **Descriptor code**

7

---

EDG3221E

**UNSUPPORTED REQUEST FOR A SCRATCH VOLUME**

### **Explanation**

A DFSMSrmm TSO subcommand has requested an unsupported action against a scratch volume.

### **System action**

The command fails.

### **Operator response**

None.

### **Programmer response**

Reissue the command, correcting the problem. See [\*z/OS DFSMSrmm Managing and Using Removable Media\*](#) for guidance on using the TSO subcommands.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3222E****THE OWNER TO BE DELETED OWNS VOLUMES - THE NEWOWNER  
OPERAND MUST BE SPECIFIED****Explanation**

The RMM DELETEOWNER subcommand requires the NEWOWNER operand whenever volumes have to be reassigned because of the deletion.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Reissue the RMM DELETEOWNER subcommand, specifying a new owner to whom the volumes can be transferred.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3223I****THE SPECIFIED VOLUME DOES NOT EXIST****Explanation**

An RMM ADDDATASET or SEARCHDATASET subcommand specified a volume serial number not defined to DFSMSrmm.

## System action

The command fails

## Operator response

None.

## Programmer response

Reissue the request with the correct volume serial number. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for guidance.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3224I**

**UPDATE REQUEST DENIED AS THE VOLUME INFORMATION IS O/C/EOV  
RECORDED**

## Explanation

DFSMSrmm automatically records information about data sets and the volumes on which they reside when the data set is opened or closed. Only a subset of the information about a data set or volume can be changed when DFSMSrmm automatically records the information. DFSMSrmm issued this message because a request was made that requires that the automatically recorded information be changed.

## System action

The command fails.

## Operator response

None.

## Programmer response

Refer to the [z/OS DFSMSrmm Managing and Using Removable Media](#) for a list of values that can be changed or use the FORCE operand on the RMM ADDDATASET, RMM CHANGEDATASET, RMM CHANGEVOLUME, or RMM DELETEDATASET subcommand.

## Source

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3225I****INCORRECT VOLUME SERIAL AND SEQUENCE NUMBER COMBINATION  
- THE DATA SET IS ALREADY DEFINED****Explanation**

The user issued an RMM ADDDATASET subcommand for a data set whose volume serial and sequence number combination already belong to another data set.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Reissue the command, specifying the correct volume serial and sequence number combination.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3226E****THE SPECIFIED SEQUENCE NUMBER IS TOO HIGH****Explanation**

The user issued the RMM ADDDATASET subcommand with an incorrect sequence number for the SEQ operand. The number must be one greater than that of the volume's last data set.

**System action**

The command fails.



## Operator response

None.

## Programmer response

Reissue the command, specifying the correct sequence number. Use the RMM SEARCHDATASET or RMM LISTVOLUME subcommands to determine how many data sets are on the volume. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for guidance.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3227E

THE RACK STATUS SPECIFIED IN THE SUBSYSTEM DATA AREA WAS  
INCORRECT

## Explanation

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

## System action

The command fails.

## Operator response

None.

## System programmer response

Report the error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3228E

THE BIN STATUS SPECIFIED IN THE SUBSYSTEM DATA AREA WAS  
INCORRECT

## Explanation

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

## System action

The command fails.

## Operator response

None.

## System programmer response

Report the error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3229E

RACK NUMBER DOES NOT EXIST OR IS NOT EMPTY

## Explanation

The user issued a DFSMSrmm TSO subcommand to delete a rack, add volumes, or change a rack number that is either not EMPTY or undefined to DFSMSrmm.

## System action

The command fails.

## Operator response

None.

## Programmer response

Use the RMM LISTRACK subcommand to determine if the rack number is either undefined or EMPTY. Correct the request and reissue the command.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3230E****UNDEFINED POOL. ENTER ONE OF YOUR INSTALLATION'S POOL  
PREFIXES****Explanation**

A DFSMSrmm TSO subcommand was specified with a POOL operand value that does not exist.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Reissue the command using the correct pool. Use the RMM LISTCONTROL subcommand with the VLPOOLS operand to obtain a list of pool identifiers.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3231E****THE DELETE OPTION SPECIFIED IN THE SUBSYSTEM DATA AREA WAS  
INCORRECT****Explanation**

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

**System action**

The command fails.

**Operator response**

None.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3232E****SPECIFIED VOLUME IS NOT A SCRATCH VOLUME****Explanation**

An RMM DELETEVOLUME subcommand was issued with the REMOVE operand against a volume that was not a scratch volume.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Use the FORCE operand to remove a USER or MASTER volume from DFSMSrmm.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

## Descriptor code

7

---

EDG3233I

THERE ARE NO EMPTY STORAGE LOCATION BINS TO DELETE

## Explanation

An RMM DELETERACK subcommand did not delete bins from a storage location because there are no empty bins defined for that storage location.

## System action

The command fails.

## Operator response

None.

## Programmer response

Reissue the command, specifying a different storage location.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3234E

THE DATE SPECIFIED IN THE SUBSYSTEM DATA AREA WAS AN  
INCORRECT FORMAT

## Explanation

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

## System action

The command fails.

## Operator response

None.

## System programmer response

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3235E****THE TIME SPECIFIED IN THE SUBSYSTEM DATA AREA WAS AN  
INCORRECT FORMAT****Explanation**

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

**System action**

The command fails.

**Operator response**

None.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3237E****THE MEDIANAME IS INCONSISTENT WITH THE POOL OR RACK  
NUMBER****Explanation**

The user issued a DFSMSrmm TSO subcommand to either add a volume, change a rack number, or change the pool id of a volume. The volume medianame specified does not correspond with that assigned to the specified pool or rack.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

For an RMM CHANGEVOLUME request, you must indicate a rack number or pool that has the same medianame as the volume. For an RMM ADDVOLUME request, use a matching medianame, rack number, or pool id to get a matching medianame. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for guidance.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3238E****NO EMPTY RACK NUMBERS IN REQUESTED POOL****Explanation**

The user issued an RMM ADDVOLUME or CHANGEVOLUME subcommand to add a volume to a pool, or to change the one assigned to a volume, but has specified a pool that has no empty rack numbers.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Add more shelf space to the pool, using the RMM ADDRACK subcommand, or retry the request to add the volume to a different pool.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3239E****THE STORAGE LOCATION SPECIFIED IN THE SUBSYSTEM DATA AREA  
WAS INCORRECT****Explanation**

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

**System action**

The command fails.

**Operator response**

None.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3240I****PRODUCT DOES NOT EXIST****Explanation**

The user issued a DFSMSrmm TSO subcommand to define a product volume, but has specified a product that is not defined to DFSMSrmm.

**System action**

The command fails.

**Operator response**

None.



## Programmer response

Use the RMM ADDPRODUCT subcommand to define the product to DFSMSrmm, and reissue the request to define a product volume. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for guidance.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

<b>EDG3241I</b>	<b>ONE OR MORE USERS IN THE DELUSERS LIST ARE NOT IN THE CURRENT ACCESS LIST</b>
-----------------	--

## Explanation

The user issued an RMM CHANGEVOLUME subcommand with the DELUSERS operand and a list of user IDs. One or more of these user IDs were not on the current access list.

## System action

The command fails.

## Operator response

None.

## Programmer response

Use the RMM LISTVOLUME subcommand with the ACCESS operand to list the current users of the volume. Then reissue the RMM CHANGEVOLUME request with a corrected list of user IDs.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

<b>EDG3242E</b>	<b>TOO MANY USERS WERE SPECIFIED IN THE ADDUSERS LIST</b>
-----------------	---

## Explanation

The user issued an RMM CHANGEVOLUME subcommand with the ADDUSERS operand. The number of users specified in this request, along with the previously specified number of users, exceeds the 12-user maximum.

## System action

The command fails.

## Operator response

None.

## Programmer response

Use the RMM LISTVOLUME subcommand with the ACCESS operand get a list of current user names. Use the DELUSER operand of the RMM CHANGEVOLUME subcommand to delete users from this list to make room for the new ones. See *z/OS DFSMSrmm Managing and Using Removable Media* for guidance on using the RMM CHANGEVOLUME subcommand and ADDUSER and DELUSER operands.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3243E

**BOTH POOL AND RACK NUMBER SPECIFIED IN SUBSYSTEM DATA  
AREA IS INCORRECT**

## Explanation

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

## System action

The command fails.

## Operator response

None.

## System programmer response

Report the error to the IBM Support Center.

## Source

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3244E****COUNT SPECIFIED IN SUBSYSTEM DATA AREA EXCEEDS MAXIMUM  
VALUE FOR NUMERIC VOLUME SERIAL OR RACK NUMBER****Explanation**

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

**System action**

The command fails.

**Operator response**

None.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3245E****COUNT SPECIFIED IN SUBSYSTEM DATA AREA EXCEEDS NUMERIC  
SUFFIX FOR VOLUME SERIAL OR RACK NUMBER****Explanation**

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

**System action**

The command fails.

## Operator response

None.

## System programmer response

Report the error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3246I**

**PREVIOUS VOLUME ALREADY HAS A NEXT VOLUME**

## Explanation

The user issued a DFSMSrmm TSO subcommand to change or add a volume. The PREVVOL operand was specified for a volume that points to a succeeding one in a multiple volume sequence.

## System action

The command fails.

## Operator response

None.

## Programmer response

Reissue the request, either specifying the correct volume for the PREVVOL operand, or omitting the PREVVOL operand.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

**Explanation**

The user attempted to delete a bin that is not empty.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Use the RMM SEARCHRACK and LISTRACK subcommands to obtain a list of storage location bins. Correct the bin number and reissue the request.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

**Explanation**

The user attempted to release a scratch volume by issuing the RMM DELETEVOLUME subcommand. DFSMSrmm issues this message because scratch volumes cannot be released.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

To remove a scratch volume from the DFSMSrmm control data set, use the REMOVE operand.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3249I****REQUEST REJECTED BECAUSE THE MAXIMUM NUMBER OF VOLUMES  
ALREADY EXIST FOR THE PRODUCT****Explanation**

The user issued an RMM ADDVOLUME or CHANGEVOLUME subcommand to define a volume as a product volume, but this product already has a full complement of 255 volumes.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Use the RMM LISTPRODUCT subcommand to list the product volumes. To delete one of them, use the RMM CHANGEVOLUME subcommand. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for guidance.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3250E****VOLUME STATUS WAS NOT DEFINED IN SUBSYSTEM DATA AREA****Explanation**

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

**System action**

The command fails.

**Operator response**

None.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

EDG3251E

MORE THAN ONE VOLUME STATUS DEFINED IN SUBSYSTEM DATA  
AREA

**Explanation**

The user issued a DFSMSrmm TSO subcommand, but an internal error occurred during its processing.

**System action**

The command fails.

**Operator response**

None.

**System programmer response**

Report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

**Explanation**

The user issued an RMM ADDVOLUME or CHANGEVOLUME subcommand to add a volume to the end of a multiple volume sequence, but the volume specified with the PREVVOL operand is not defined to DFSMSrmm.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Either remove the PREVVOL operand, or change the previous volume serial number to a volume defined to DFSMSrmm.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

**Explanation**

The user issued an RMM ADDVOLUME or CHANGEVOLUME subcommand to add a volume to the end of a multiple volume sequence, but the volume specified with the PREVVOL operand is a scratch volume.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Either remove the PREVVOL operand, or indicate a previous volume that is of the MASTER or USER type.

**Source**

DFSMSrmm



**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3254E****CHANGE REJECTED BECAUSE THE VOLUME IS ALREADY PART OF AN EXISTING MULTIVOLUME SEQUENCE****Explanation**

An RMM CHANGEVOLUME subcommand was issued with the PREVVOL operand. The volume specified in the request has a next volume defined. The PREVVOL operand can only be used with a volume that is not part of a multiple volume sequence, or that is at the end of a multiple volume sequence.

**System action**

The request fails.

**Operator response**

None.

**Programmer response**

Reissue the RMM CHANGEVOLUME subcommand without the PREVVOL operand, or after removing the subsequent volumes in the multiple volume sequence. To remove the subsequent volumes in the sequence, issue the RMM CHANGEVOLUME subcommand for each volume in the sequence, starting with the last volume in the sequence.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3255E****SYSTEM HAS EITHER NO DEFAULT SCRATCH POOL OR NO SCRATCH POOL FOR THE SPECIFIED MEDIANAME - RESPECIFY THE MEDIANAME OR POOL PARAMETER**

**Explanation**

An RMM GETVOLUME subcommand was issued to obtain a scratch volume, and there was no scratch pool defined for the installation.

**System action**

The request fails.

**Operator response**

None.

**System programmer response**

Reissue the request with valid MEDIANAME and POOL values.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3256E****THERE ARE NO SCRATCH VOLUMES IN THE SPECIFIED POOL****Explanation**

The user issued an RMM GETVOLUME subcommand to assign a volume to a user from a pool that had no available volumes.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Reissue the command that uses a different pool, or inform your tape librarian.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3257E****RELEASE ACTION IS NOT OUTSTANDING FOR THIS VOLUME****Explanation**

The user issued an RMM CHANGEVOLUME subcommand with the CONFIRMRELEASE operand, and attempted to confirm actions not outstanding for the volume.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Use the RMM LISTVOLUME subcommand to list actions outstanding for the volume. Reissue the command.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3258E****MOVEMENT IS NOT OUTSTANDING FOR THIS VOLUME****Explanation**

The user issued an RMM CHANGEVOLUME subcommand with the CONFIRMMOVE operand to confirm a movement that is not outstanding for the volume indicated.

**System action**

The command fails.

**Operator response**

None.

## Programmer response

Correct the error. Use the RMM LISTVOLUME subcommand with the STORE operand to review the movements that are outstanding for this volume.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3260E

RELEASE ACTIONS 'RETURN' AND 'REPLACE' CANNOT BE CONFIRMED  
WHILE OTHER ACTIONS ARE OUTSTANDING

## Explanation

The user issued an RMM CHANGEVOLUME subcommand with the CONFIRMRELEASE operand to verify REPLACE or RETURN actions. This cannot be done for a volume with a NOTIFY, ERASE or INITIALIZE action outstanding.

## System action

The command fails.

## Operator response

None.

## Programmer response

Correct the error, either by confirming the rest of the outstanding actions or by correcting the volume serial number.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3263E

**THE COUNT VALUE MUST BE GREATER THAN OR EQUAL TO THE SUM OF  
DELAY AND STORENUMBER**

**Explanation**

An RMM ADDVRS subcommand was specified with an invalid combination of COUNT, DELAY, and STORENUMBER operands. The COUNT value must be greater than, or equal to, the sum of the DELAY and the STORENUMBER.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Correct the error and reissue the command. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for information on the RMM ADDVRS subcommand.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

EDG3266I

**COUNT MUST BE GREATER THAN OR EQUAL TO STORENUMBER WHEN  
NEXTVRS IS NOT SPECIFIED**

**Explanation**

The combination of COUNT and STORENUMBER values is not correct for the RMM ADDVRS subcommand issued. The value of COUNT must be greater than, or equal to, the value of STORENUMBER when a subsequent vital record specification is not being used.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Correct either the COUNT or STORENUMBER values.

**Source**

DFSMSrmm

**Module**

EDGTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3267I****COUNT MUST BE GREATER THAN STORENUMBER WHEN NEXTVRS IS SPECIFIED****Explanation**

The combination of COUNT and STORENUMBER values is not correct for the RMM ADDVRS subcommand issued. The value of COUNT must be greater than the value of STORENUMBER when a subsequent vital record specification is to be used.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Correct either the COUNT or STORENUMBER values, or do not use the NEXTVRS operand.

**Source**

DFSMSrmm

**Module**

EDGTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3268I****UNABLE TO OPEN CLIST DATA SET *dsname*****Explanation**

The RMM SEARCH subcommand specified the CLIST operand to create a data set of entries that meet the search criteria. The CLIST data set has been allocated, but can not be opened.

In the message text:

***dsname***

The name of the allocated CLIST data set.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Determine the cause from the additional error messages issued by the system. Correct the error and rerun the subcommand.

**Source**

DFSMSrmm

**Module**

EDGTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3269I**

**CLIST DATA SET ORGANIZATION IS NOT SEQUENTIAL OR  
PARTITIONED DSN=*dsname***

**Explanation**

The RMM SEARCH subcommand specified the CLIST operand to create a data set of entries that meet the search criteria. The CLIST data set was pre-allocated but it has an unsupported data set organization. The data set must be either a physical sequential data set or a partitioned data set.

In the message text:

***dsname***

The name of the allocated CLIST data set.

**System action**

The subcommand fails.

**Operator response**

None.

## Programmer response

If you created the data set, delete it, and reallocate it as either sequential or partitioned. If the data set was created using a data class defined by your storage administrator, the data class data set organization is incorrect. Correct the error and rerun the subcommand.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

EDG3270I

CLIST DATA SET IS TOO SMALL

## Explanation

The RMM SEARCH subcommand specified the CLIST operand to create a data set of entries that meet the search criteria. The CLIST data set was not large enough to contain all the entries that met the search criteria.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Delete the data set and create a larger one.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

EDG3272I

LOCATION NAME *locname* IS NOT DEFINED



## Explanation

DFSMSrmm validates the location and library names that you use in the DFSMSrmm TSO subcommands to make sure that they have been defined to DFSMSrmm or to SMS. The location specified is not defined to either DFSMSrmm or SMS or the SMS library type is not known. You cannot use a distributed VTS library name in the DFSMSrmm subcommands.

In the message text:

### ***locname***

The name of a location that should be defined in the SMS configuration or defined as a storage location.

## System action

The subcommand fails.

## Operator response

If the library is defined, but is currently offline, vary the library online.

## Programmer response

Use the names of libraries that are defined in the active SMS configuration or locations that are defined to DFSMSrmm. ISMF can be used to list libraries that are defined. If ISMF does not list the library type, the library must be varied online before DFSMSrmm allows the library name to be used. If you have more than one system, ensure that you have issued the request on the correct system, as DFSMSrmm can only process the command on the system where the library is defined.

If the location is the name of a storage location, ensure that the location is defined as a storage location using LOCDEF in the DFSMSrmm parmlib.

## Source

DFSMSrmm

## Module

EDGLOCV

## Routing code

11

## Descriptor code

7

---

**EDG3273I**

**STORAGE GROUP *group* IS NOT DEFINED TO DFSMS**

## Explanation

DFSMSrmm validates the names of any storage groups that you use in the commands to make sure that they have been defined to SMS. This storage group is not defined to SMS.

In the message text:

### ***group***

The name of a storage group that should be defined in the SMS configuration.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Only use the names of valid, SMS-defined storage groups. If you have more than one system, ensure that you have issued the command on the correct system, as DFSMSrmm can only process the command on the system where the storage group is defined.

**Source**

DFSMSrmm

**Module**

EDGSGNV

**Routing code**

11

**Descriptor code**

7

---

**EDG3274I****USE OF TAPE LIBRARY DATA SERVER NAMES IS NOT SUPPORTED****Explanation**

The LOCATION(*library\_name*) operand is not supported at the current software level.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

You can only use 3495 Tape Library Dataserver names on a system with an active SMS subsystem that supports the defining of system-managed libraries.

**Source**

DFSMSrmm

**Module**

EDGLOCV

**Routing code**

11

**Descriptor code**

7

---

**EDG3275I****USE OF STORGRP OPERAND IS NOT SUPPORTED****Explanation**

The STORGRP operand is not supported at the current software level.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

The STORGRP operand can only be used on a system with the SMS subsystem active that supports the defining of tape storage groups.

**Source**

DFSMSrmm

**Module**

EDGSGNV

**Routing code**

11

**Descriptor code**

7

---

**EDG3276I****USE OF STATUS(VOLCAT) OPERAND IS NOT SUPPORTED****Explanation**

The STATUS(VOLCAT) operand is not supported at the current software level.

**System action**

The subcommand fails.

**Operator response**

None.

## Programmer response

The STATUS(VOLCAT) operand can only be used on a system with the SMS subsystem active that supports the defining of tape volume catalogs.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

<b>EDG3277I</b>	<b>ENTRY OF VOLUME TO MANUAL LIBRARY FAILED RETURN CODE <i>code</i></b> <b>REASON CODE <i>reason_code</i></b>
-----------------	--

## Explanation

You attempted to set the name of a manual tape library for a volume. DFSMSrmm attempts to get that volume defined in the volume catalog. The request failed.

In the message text:

### ***code***

This is the return code that is set by the CBRXLACS macro.

### ***reason\_code***

This is the reason code that is set by the CBRXLACS macro.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Refer to the [z/OS DFSMSdfp Diagnosis](#) for a description of the return and reason codes, and resubmit your request.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3278I

STORAGE GROUP NAME REJECTED - CANNOT OVERRIDE THE VOLUME  
CATALOG STORAGE GROUP NAME *storgroup*

## Explanation

You attempted to set the name of a storage group for a volume. DFSMSrmm found the volume was already part of a storage group.

In the message text:

### *storgroup*

The name of the storage group containing the volume.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

You cannot use DFSMSrmm to change the storage group name for a volume already defined in an SMS volume catalog. Use ISMF or AMS facilities to achieve this task.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

EDG3279I

VOLUME CANNOT BE EJECTED - IT IS NOT IN A SYSTEM-MANAGED  
LIBRARY

## Explanation

You attempted to eject a volume that is not resident in a 3495 Tape Library Dataserver.

In the message text:

### *volser*

The volume serial number that was requested to be ejected.

## System action

The subcommand fails.



## Routing code

11

## Descriptor code

7

---

**EDG3281I**

**NO MOVES FROM *from\_location* ARE PENDING**

## Explanation

You attempted to confirm the completion of all outstanding volume movements from the named location. There are no moves outstanding.

In the message text:

### ***from\_location***

Where the volumes have been moved from

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to determine what movements have yet to be confirmed. Correct the command and retry it.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3282I**

**NO MOVES TO *to\_location* ARE PENDING**

## Explanation

You attempted to confirm the completion of all outstanding volume movements to the named location. There are no moves outstanding.

In the message text:

### ***to\_location***

Where the volumes have been moved to

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Use the RMM LISTCONTROL subcommand with the MOVES operand to determine what volume movements have yet to be confirmed. Correct the command and retry it.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3283I****CONFIRM MOVE FAILED - THE VOLUME IS NOT LIBRARY RESIDENT****Explanation**

You attempted to confirm the completion of the move for a single volume that is being moved to an automated tape library. DFSMSrmm has checked the volume catalog, and the volume has not yet been entered into the library.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Enter the volume into the target library, and the move will be automatically confirmed by DFSMSrmm.

**Source**

DFSMSrmm

**Module**

EDGMTSO



## Routing code

11

## Descriptor code

7

---

**EDG3284I**

**USE OF RACK OR POOL OPERANDS NOT SUPPORTED FOR VOLUMES  
RESIDENT IN A SYSTEM MANAGED LIBRARY**

## Explanation

You attempted to change the external volume name (the rack number) for a volume that is resident in a system-managed tape library. DFSMSrmm does not support the changing of a volume's external label while it is in a library.

## System action

The subcommand fails.

## Programmer response

To change the rack number, you first have to eject the volume by using the RMM CHANGEVOLUME subcommand with the EJECT operand.

If you change the external volume serial number the volume is no longer accepted in a system-managed tape library because the internal and external volume serial numbers must be the same.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3285I**

**MOVE FROM *from\_location* TO *to\_location* IS NOT CONFIRMED**

## Explanation

You attempted to reverse an earlier decision confirming a move as completed. DFSMSrmm does not currently show the move as having been confirmed.

In the message text:

### ***from\_location***

Where the volumes have been moved from

### ***to\_location***

Where the volumes have been moved to

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to obtain the status of all the current move requests. Correct the command and retry it.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3286I**

**RELEASE ACTION *action* IS NOT CONFIRMED**

## Explanation

You attempted to reverse an earlier decision confirming actions as completed. DFSMSrmm does not currently show the actions as having been confirmed.

In the message text:

### ***action***

A release action that is subject to a NOCONFIRM request. *action* can be: REPLACE, RETURN, INIT, ERASE, or NOTIFY.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the ACTIONS operand to obtain the status of all the current release action requests. Then reissue the command.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3287I** **RELEASE ACTION *action* IS NOT PENDING**

## Explanation

You attempted to confirm or change a release action. DFSMSrmm does not currently show the action as outstanding. This message is issued several times for the one subcommand if you attempted to confirm more than one release action that is not pending. None of the requested actions will be confirmed.

In the message text:

### ***action***

A release action that is subject to confirmation. *action* can be: REPLACE, RETURN, SCRATCH, INIT, ERASE, or NOTIFY.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

When changing pending actions, use the RMM LISTVOLUME subcommand to check what actions are pending. When confirming actions, you can use the RMM LISTCONTROL subcommand with the ACTIONS operand to obtain the status of all the current release action requests. Correct the error and reissue the command.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3288I** **EJECT OF VOLUME *volser* FAILED RETURN CODE *code* REASON CODE *reason\_code***

## Explanation

You requested DFSMSrmm to perform an action that resulted in a volume being ejected from a library. The eject request did not complete because of a hardware failure or a failure in another software component. The return code identifies the cause of the failure.

In the message text:

### ***volser***

The volume serial number being ejected

### ***code***

This is the return code that is set by the CBRXLCS macro.

### ***reason\_code***

This is the reason code that is set by the CBRXLCS macro.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Refer to [z/OS DFSMSdftp Diagnosis](#) for a description of the possible codes. Correct the error and retry the command.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3289I**

**CONFIRM MOVE FAILED - ENTRY OF VOLUME TO MANUAL LIBRARY  
FAILED RETURN CODE *code* REASON CODE *reason\_code***

## Explanation

You attempted to confirm the move of a volume to a manual tape library. DFSMSrmm failed to define the current position of the volume in the volume catalog. The return code identifies the cause of the failure.

In the message text:

### ***code***

This is the return code that is set by the CBRXLACS macro.

### ***reason\_code***

This is the reason code that is set by the CBRXLACS macro.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Refer to *z/OS DFSMSdfp Diagnosis* for a description of the possible codes. for a description of the possible codes to identify the error and retry the command.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3290I**

**CONFIRM OF VOLUME "MOVE" OR "RETURN" OR "REPLACE" RELEASE  
ACTIONS IS NOT SUPPORTED WHILE THE VOLUME IS LIBRARY  
RESIDENT**

## Explanation

You attempted either to confirm a volume move out of an automated or manual tape library or a return to owner release action. The volume has not been ejected from the library. You must first eject the volume before DFSMSrmm can accept confirmation of these actions.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

For confirmation of release actions, use the RMM CHANGEVOLUME subcommand with the EJECT operand to cause the volume to be ejected. For confirmation of volume movement, if DFSMSrmm already shows the volume to be in transit, use the ISMF EJECT or operator EJECT command to cause the volume to be ejected. For confirm return to owner, collect the volume from the library, return the volume to its owner, and then retry the command. For confirm replace, collect the volume from the library, substitute a new volume with the same volume serial number, and then re-enter the volume. For confirm move, collect the volume from the library, complete the required move and then retry the command.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3291I****ENTRY OF VOLUME TO SYSTEM MANAGED LIBRARY REJECTED - RACK  
NUMBER MUST EQUAL VOLUME SERIAL NUMBER****Explanation**

You attempted to enter a volume in a system-managed tape library. DFSMSrmm checks that the volume has a standard label and has the same internal and external volume serial numbers. The external volume serial number and the rack number must be the same.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

If you are adding a new volume ensure that a rack number already exists with the same number as the volume serial number. If you are changing an existing volume, move the volume to a different rack number and change the external label so the volume can be added to a system-managed tape library.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3292I****LIBRARY NAME REJECTED - VOLUME IS ALREADY IN LIBRARY  
*library\_name***

## Explanation

You attempted to set the name of a library for a volume. DFSMSrmm attempts to get that volume defined in the volume catalog, but first checks to see if the volume is already defined in the volume catalog. This volume is defined already, and is defined as being in a different library than the one named in your command.

In the message text:

### *library\_name*

The name of the 3495 Tape Library Dataserver the volume is current in.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Correct the command to use the correct library name.

## Source

DFSMSrmm

## Module

EDGLOCV

## Routing code

11

## Descriptor code

7

---

**EDG3293I**

**CANNOT SPECIFY STORENUMBER(99999) WITH NEXTVRS OPERAND**

## Explanation

You have asked DFSMSrmm to retain all copies of a data set or volume in a location and, at the same time, tried to name a subsequent vital record specification. If all copies are to be retained in the current location, there is no need for any subsequent vital record specifications.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Correct the command by either removing the NEXTVRS operand or reducing the STORENUMBER value.

**Source**

DFSMSrmm

**Module**

EDGTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3295I****LOCATION CHANGE REJECTED AS THE VOLUME IS ALREADY MOVING****Explanation**

You were trying to change the location where a volume resides. The volume is already marked as moving from one location to another. You can only request this move manually for volumes that are not already moving between locations.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

When you have confirmed that the move is completed, retry the request to move the volume to a new location using the LOCATION operand.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3296I****NO VITAL RECORD SPECIFICATION EXACTLY MATCHES THE ONE YOU SUPPLIED**



## Explanation

You have used the RMM SEARCHVRS subcommand with the CHAIN operand to request a list of chained vital records specifications from the DFSMSrmm control data set. When the CHAIN operand is used, DFSMSrmm only looks for a specification that exactly matches the criteria you specify.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Correct the DSNAME, VOLUME, or NAME operand value so that you specify an existing specification. If you do not know the exact name to use, reissue the RMM SEARCHVRS subcommand, without the CHAIN operand, to first determine which vital record specifications exist.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3297I**

**COUNT MUST BE GREATER THAN THE SUM OF DELAY AND  
STORENUMBER WHEN NEXTVRS IS SPECIFIED**

## Explanation

The combination of COUNT, DELAY and STORENUMBER values is not correct for the RMM ADDVRS subcommand issued. The value of COUNT must be greater than the sum of the DELAY and STORENUMBER values when a subsequent vital record specification is to be used.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Correct either the COUNT, DELAY, or STORENUMBER values, or do not use the NEXTVRS operand.

**Source**

DFSMSrmm

**Module**

EDGTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3298I****A DELAY VALUE CANNOT BE SPECIFIED FOR THE HOME LOCATION****Explanation**

You have tried to specify a number of days to delay a vital record before it is sent to its home location. The volume should already be in its home location.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Correct either the DELAY or LOCATION values.

**Source**

DFSMSrmm

**Module**

EDGTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3299I****NO ACTIONS OR MOVES STATUS IS AVAILABLE ON A SATELLITE SYSTEM****Explanation**

You have tried to list the outstanding moves or actions on a satellite system. These are only available on the master system.

## System action

The subcommand completes and all other requested data is listed.

## Operator response

None.

## Programmer response

When listing control information on a satellite system, do not specify either the MOVES or ACTIONS operands.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

**EDG3300I**

**SPECIFIED VOLUME STATUS CONFLICTS WITH THE VOLUME STATUS  
IN THE VOLUME CATALOG**

## Explanation

You have tried to define a volume to DFSMSrmm and specified a status that conflicts with the status that SMS has for the volume. Either you have specified STATUS(SCRATCH) and the volume is PRIVATE status in the volume catalog, or you specified STATUS(MASTER) or STATUS(USER) and the volume is SCRATCH in the volume catalog.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

If a volume is already defined in a volume catalog and you are unsure of the status, you can use the STATUS(VOLCAT) operand so that DFSMSrmm uses the status the system already knows for the volume. If the volume catalog has the incorrect volume status you can correct it by using either the ISMF mountable tape volume application ALTER command, or the IDCAMS ALTER VOLUMEENTRY command.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

**EDG3301I**

**VOLUME STATUS CHANGE FAILED - VOLUME CATALOG UPDATE FAILED**

**RETURN CODE *code* REASON CODE *reason\_code***

## Explanation

You have tried to change the status of a volume or to obtain a scratch volume for your use. The selected volume is system-managed and the DFSMSrmm request to update the volume status in the volume catalog failed.

In the message text:

### ***code***

This is the return code that is set by the CBRXLCS macro.

### ***reason\_code***

This is the reason code that is set by the CBRXLCS macro.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Refer to [z/OS DFSMSdfp Diagnosis](#) for a description of the possible codes. Correct the error and retry the command.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

**EDG3302I**

**RACK NUMBER MUST EQUAL VOLUME SERIAL NUMBER FOR VOLUMES**

**MOVING TO A SYSTEM MANAGED LIBRARY**

## Explanation

You attempted to change the external volume name (the rack number) for a volume that is moving to a system-managed tape library, or set a system-managed tape library destination for a volume whose rack number does

not match the volume serial number. The system-managed tape library does not support volumes with different internal and external volume serial numbers.

### **System action**

The subcommand fails.

### **Operator response**

None.

### **Programmer response**

To change the rack number, first complete the move. Then eject the volume. Enter the volume into the system-managed tape library, then use the RMM CHANGEVOLUME subcommand with the LOCATION(SHELF) operand. Once you have changed the external volume serial number the volume is no longer accepted in a system-managed tape library as the internal and external volume serial numbers must be the same.

### **Source**

DFSMSrmm

### **Module**

EDGMTSO

### **Routing code**

11

### **Descriptor code**

7

---

**EDG3303I**

**RACK NUMBER MUST EQUAL VOLUME SERIAL NUMBER FOR VOLUMES  
WITH A SYSTEM MANAGED LIBRARY HOME LOCATION**

### **Explanation**

You attempted to either change the external volume name (the rack number) for a volume that has a home location name that is a system-managed tape library, or set a system-managed tape library home location for a volume whose serial number does not match the rack number. The volume could at some time move to a system-managed tape library. The system-managed tape library does not support volumes with different internal and external volume serial numbers.

### **System action**

The subcommand fails.

### **Operator response**

None.

### **Programmer response**

To change the rack number, you will first have to change the home location name. Use the RMM CHANGEVOLUME subcommand with the HOME(SHELF) operand. Once you have changed the external volume

serial number the volume will no longer be accepted in a system-managed tape library as the internal and external volume serial numbers must be the same.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3304I** **NO MOVES ARE PENDING**

**Explanation**

You attempted to confirm the completion of all outstanding volume movements. There are no moves outstanding.

**System action**

The subcommand fails.

**Operator response**

None.

**Programmer response**

Use the RMM LISTCONTROL subcommand with the MOVES operand to obtain a list of moves to be confirmed. Correct the command and reissue the request.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3305I** **NO MOVES FROM *from\_location* ARE CONFIRMED**

## Explanation

You attempted to reverse an earlier decision confirming moves as completed. DFSMSrmm does not currently show the moves as having been confirmed.

In the message text:

### ***from\_location***

Where the volumes have been moved from

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to obtain the status of all the current move requests. Correct the command and retry it.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3306I**

**NO MOVES TO *to\_location* ARE CONFIRMED**

## Explanation

You attempted to reverse an earlier decision confirming moves as completed. DFSMSrmm does not currently show the moves as having been confirmed.

In the message text:

### ***to\_location***

Where the volumes have been moved to

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to obtain the status of all the current move requests. Correct the command and retry it.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3307I** **NO MOVES ARE CONFIRMED**

## Explanation

You attempted to reverse an earlier decision confirming moves as completed. DFSMSrmm does not currently show the moves as having been confirmed.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to obtain the status of all the current move requests. Correct the command and retry it.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3308I** **CHAIN OPERAND SPECIFIED WITHOUT ONE OF DSNAME, NAME OR VOLUME OPERANDS**



## Explanation

You have used the SEARCHVRS subcommand with the CHAIN operand to request a list of chained vital records specifications from the DFSMSrmm control data set. When the CHAIN operand is used, you must specify which vital record specification to start the chain with.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Add the DSNAME, VOLUME or NAME operands so that you specify an existing specification. If you do not know the exact name to use, reissue the RMM SEARCHVRS subcommand without the CHAIN operand to first determine which vital record specifications exist.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

**EDG3309I**

**CONFIRM MOVE FAILED - THE VOLUME HAS NOT BEEN EJECTED**

## Explanation

You attempted to confirm the completion of the move for a single volume that is being moved from a system-managed library. DFSMSrmm checks to see if the volume is in the library before allowing the move to be confirmed.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Eject or export the volume from the library. You can use the RMM CHANGEVOLUME subcommand with the EJECT operand to get a physical volume ejected from a library. Use export processing to remove logical volumes from a library.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3310I****REQUEST NOT SUPPORTED ON THIS SYSTEM - VOLUME LOCATION  
location IS NOT DEFINED TO DFSMS****Explanation**

You attempted to change information about a volume that is resident in a system-managed tape library. The library name is not defined in the current SMS configuration on this system or the library type is not known.

In the message text:

**location**

The location that DFSMSrmm knows the volume to be in.

**System action**

The subcommand fails.

**Operator response**

If the library is defined, but is currently offline, vary the library online.

**Programmer response**

If the library is defined, but the library type is not known, the library must be varied online before DFSMSrmm allows the library name to be used. If you have more than one system, ensure that you have issued the request on the correct system, as DFSMSrmm can only process the command on the system where the library is defined.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

**Explanation**

You attempted to eject a volume, or delete information or change information for a volume or a data set on a volume that is currently defined in a volume catalog. The DFSMSrmm request to delete or update volume information in the volume catalog failed.

In the message text:

***code***

The return code that is set by the CBRXVOL macro.

***reason\_code***

The reason code that is set by the CBRXVOL macro.

**System action**

The subcommand fails.

**Operator response**

None.

**System programmer response**

Refer to the CBRXVOL return codes or catalog service reason codes in *z/OS DFSMSdfp Diagnosis* for a description of the possible codes. If you are trying to update recording format, media type, compaction, or special attributes, you might have specified a combination of options that is not supported. If so, select a valid combination and try again.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

**Explanation**

You have used the RMM SEARCHVRS subcommand with the CHAIN operand. The last vital record specification listed has a NEXTVRS or ANDVRS entry that does not exist in the current DFSMSrmm control data set. The request has completed.

**System action**

The subcommand completes with return code 4. Some data has been listed.

## Operator response

None.

## Programmer response

Consider whether the missing vital record specification should exist. If so, use the RMM ADDVRS subcommand to define it.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3313I**

**USE OF SYSTEM MANAGED LIBRARY NAMES IS ONLY SUPPORTED FOR  
VOLUMES WITH STANDARD LABELS**

## Explanation

You attempted to either change the label information for a volume that is associated with a system-managed tape library, or associate a system-managed tape library with a volume that does not have standard labels. A volume can be associated with a system-managed tape library through its current location, its destination location or its home location.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Reissue your request ensuring that only volumes with standard label volumes are associated with system-managed tape libraries.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3314I

MOVE OF VOLUME REJECTED - VOLUME MEDIANAME *medianame* IS  
NOT ELIGIBLE FOR LOCATION *location*

## Explanation

You issued an RMM CHANGEVOLUME subcommand to move a volume to a storage location. That storage location is not defined to accommodate a volume with the listed media name. The installation's LOCDEF parameters must include either the volume's media name or \* coded in the MEDIANAME operand.

In the message text:

### ***medianame***

The medianame of the volume.

### ***location***

The location to which you requested the volume be moved.

## System action

The command fails.

## Operator response

None.

## System programmer response

Use the RMM LISTCONTROL LOCDEF command to view the currently defined locations. If the volume should be moved to the named location, you must add its media name or \* to the MEDIANAME operand on the LOCDEF parameters in parmlib for *location*.

If you update the LOCDEF parameters you can use the MODIFY operator command to refresh the parameters that DFSMSrmm is using.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3315E

BIN NUMBER DOES NOT EXIST OR IS NOT EMPTY

## Explanation

The user issued a DFSMSrmm TSO subcommand to assign a bin number to a volume, or to delete a bin number. The bin number specified is either in use already or is undefined to DFSMSrmm.

## System action

The command fails.

## Operator response

None.

## Programmer response

Use the RMM LISTBIN subcommand to determine if the bin number is either undefined or already in use. Correct the request and reissue the command.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3316E**

**MEDIANAME *medianame* IS NOT DEFINED FOR LOCATION *location***

## Explanation

The user issued a DFSMSrmm TSO subcommand to define a bin number. The location and media name specified on the command are not a valid combination. The valid combinations can be listed using the RMM LISTCONTROL LOCDEF subcommand.

In the message text:

### ***medianame***

The media name specified for the bin number

### ***location***

The location to which you requested the bin number be defined.

## System action

The command fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL LOCDEF subcommand to determine the valid combinations of media name and location. Correct the request and reissue the command.

## Source

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3317I** **NO *move\_type* MOVES ARE PENDING****Explanation**

You attempted to confirm the completion of volume movements for READYTOSCRATCH or NOTREADYTOSCRATCH volumes between two locations. There are no moves outstanding.

In the message text, *move\_type* can be:

**READYTOSCRATCH**

Volumes eligible to become scratch because no other release actions are pending

**NOTREADYTOSCRATCH**

Private volumes or volumes with release actions pending other than return to scratch.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Use the RMM LISTCONTROL subcommand with the MOVES operand to identify volume movements that have yet to be confirmed. Correct the request and reissue the command.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3318I** **NO *move\_type* MOVES FROM *from\_location* TO *to\_location* ARE PENDING**

## Explanation

You attempted to confirm the completion of volume movements for READYTOSCRATCH or NOTREADYTOSCRATCH volumes between two locations. There are no moves outstanding.

In the message text, *move\_type* can be:

### **READYTOSCRATCH**

Volumes eligible to become scratch because no other release actions are pending

### **NOTREADYTOSCRATCH**

Private volumes or volumes with release actions pending other than return to scratch.

### ***from\_location***

The location from which volumes have been moved.

### ***to\_location***

The location to which volumes have been moved.

## System action

The command fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to identify volume movements that have yet to be confirmed. Correct the request and reissue the command.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3319I**

**NO *move\_type* MOVES FROM *from\_location* ARE PENDING**

## Explanation

You attempted to confirm the completion of volume movements for READYTOSCRATCH or NOTREADYTOSCRATCH volumes between two locations. There are no moves outstanding.

In the message text, *move\_type* can be:

### **READYTOSCRATCH**

Volumes eligible to become scratch because no other release actions are pending

### **NOTREADYTOSCRATCH**

Private volumes or volumes with release actions pending other than return to scratch.



**from\_location**

The location from which volumes have been moved.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Use the RMM LISTCONTROL subcommand with the MOVES operand to identify volume movements that have yet to be confirmed. Correct the request and reissue the command.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3320I**

**NO *move\_type* MOVES TO *to\_location* ARE PENDING**

**Explanation**

You attempted to confirm the completion of volume movements for READYTO SCRATCH or NOTREADYTO SCRATCH volumes between two locations. There are no moves outstanding.

In the message text, *move\_type* can be:

**READYTO SCRATCH**

Volumes eligible to become scratch because no other release actions are pending

**NOTREADYTO SCRATCH**

Private volumes or volumes with release actions pending other than return to scratch.

**to\_location**

The location to which volumes have been moved.

**System action**

The command fails.

**Operator response**

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to identify volume movements that have yet to be confirmed. Correct the request and reissue the command.

### Source

DFSMSrmm

### Module

EDGMTSO

### Routing code

11

### Descriptor code

7

---

**EDG3321I** **NO *move\_type* ARE CONFIRMED**

### Explanation

You attempted to reverse an earlier decision confirming moves of READYTOSCRATCH or NOTREADYTOSCRATCH volumes as completed. DFSMSrmm does not currently show the moves as having been confirmed.

In the message text, *move\_type* can be:

#### **READYTOSCRATCH**

Volumes eligible to become scratch because no other release actions are pending

#### **NOTREADYTOSCRATCH**

Private volumes or volumes with release actions pending other than return to scratch.

### System action

The command fails.

### Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to identify volume movements that have yet to be confirmed. Correct the request and reissue the command.

### Source

DFSMSrmm

### Module

EDGMTSO

### Routing code

11

## Descriptor code

7

---

EDG3322I

**NO move\_type FROM from\_location ARE CONFIRMED**

## Explanation

You attempted to reverse an earlier decision confirming moves of READYTOSCRATCH or NOT READYTOSCRATCH volumes as completed. DFSMSrmm does not currently show the moves as having been confirmed.

In the message text, *move\_type* can be:

### READYTOSCRATCH

Volumes eligible to become scratch because no other release actions are pending

### NOTREADYTOSCRATCH

Private volumes or volumes with release actions pending other than return to scratch.

### *from\_location*

The location from which volumes have been moved.

## System action

The command fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to identify volume movements that have yet to be confirmed. Correct the request and reissue the command.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

EDG3323I

**NO move\_type TO to\_location ARE CONFIRMED**

## Explanation

You attempted to reverse an earlier decision confirming moves of READYTOSCRATCH or NOT READYTOSCRATCH volumes as completed. DFSMSrmm does not currently show the moves as having been confirmed.

In the message text, *move\_type* can be:

### READYTOSCRATCH

Volumes eligible to become scratch because no other release actions are pending

**NOTREADYTOSCRATCH**

Private volumes or volumes with release actions pending other than return to scratch.

**to\_location**

The location to which volumes have been moved.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Use the RMM LISTCONTROL subcommand with the MOVES operand to identify volume movements that have yet to be confirmed. Correct the request and reissue the command.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3324I****NO *move\_type* MOVES FROM *from\_location* TO *to\_location* ARE  
CONFIRMED****Explanation**

You attempted to reverse an earlier decision confirming moves of READYTOSCRATCH or NOT READYTOSCRATCH volumes as completed. There are no moves outstanding.

In the message text, *move\_type* can be:

**READYTOSCRATCH**

Volumes eligible to become scratch because no other release actions are pending

**NOTREADYTOSCRATCH**

Private volumes or volumes with release actions pending other than return to scratch.

**from\_location**

The location from which volumes have been moved.

**to\_location**

The location to which volumes have been moved.

**System action**

The command fails.

## Operator response

None.

## Programmer response

Use the RMM LISTCONTROL subcommand with the MOVES operand to identify volume movements that have yet to be confirmed. Correct the request and reissue the command.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3325I**

**CHAIN OPERAND SPECIFIED WITHOUT A SPECIFIC DATA SET OR VOLUME**

## Explanation

You have used the RMM SEARCHDATASET or RMM SEARCHVOLUME subcommands with the CHAIN operand to request a list of chained resources from the DFSMSrmm control data set. When the CHAIN operand is used, you must specifically identify a resource in the chain. For data set, you must specify a non-generic data set name, a volume serial number, and optionally a file sequence number. For volumes, you must specify a non-generic volume serial number.

## System action

The command fails.

## Operator response

None.

## Programmer response

Add the DSNAME, VOLUME, and optionally FILESEQ operands so that you specify an existing resource in the chain. The data set name and volume serial number must be non-generic. If you do not know the exact name to use, reissue the RMM SEARCHDATASET or RMM SEARCHVOLUME subcommand without the CHAIN operand to first determine which resources might exist.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3326I**

**A CURRENT LABEL VERSION HAS BEEN SPECIFIED FOR A VOLUME  
THAT HAS A LABEL TYPE OTHER THAN AL**

## Explanation

The RMM ADDVOLUME or RMM CHANGEVOLUME subcommand has been entered. You can specify a current label version value for a tape volume which does not have AL type labels.

## System action

The subcommand fails.

## Programmer response

Reissue your request ensuring that a valid combination of label type and label version is specified. Current® label version can only be specified for tape volumes recorded, or being added or changed, which have a AL label type.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3327I**

**DATA SET NAME MASK TOO LONG FOR A GDG VRS**

## Explanation

The data set name mask specified for a GDG type of vital record specification is too long to allow the GDG data set name suffix to be added by DFSMSrmm during vital record processing.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Correct the ADDVRS subcommand to specify a shorter data set name mask or do not specify the GDG operand. Refer to [z/OS DFSMSrmm Managing and Using Removable Media](#) for information on the RMM TSO ADDVRS subcommand.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

**EDG3328I** *type RECORD key CHAINED FROM typef RECORD keyf WAS NOT FOUND*

## Explanation

You have used the RMM SEARCHDATASET or RMM SEARCHVOLUME subcommands with the CHAIN operand to request a list of chained resources from the DFSMSrmm control data set. Information obtained from an existing record in the DFSMSrmm control data set identified a resource in the chain, but that resource could not be found in the control data set.

In the message text:

### ***type***

Identifies the resource type that could not be found which can be: VOLUME or DATASET.

### ***key***

Unique information to identify the resource not found.

- The volume serial number for volumes.
- Data set name, volume serial number, and file sequence number for data sets.

### ***typef***

Identifies type of the resource that points to the missing resource that could not be found. *typef* can be: VOLUME or DATASET.

### ***keyf***

Unique information to identify the resource chained to the resource not found.

- The volume serial number for volumes.
- The data set name, volume serial number, and file sequence number for data sets.

## System action

The subcommand fails. If any resources starting from the beginning of the chain were found, they are listed. If the error occurred before the start of the resource chain is found, no records can be listed.

## Operator response

Notify the system programmer.

## Programmer response

Use the EDGUTIL utility with the VERIFY(ALL) parameter to verify the consistency of the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3329I**

**EJECT IS NOT SUPPORTED FOR A PRIVATE LOGICAL VOLUME**

## Explanation

You specified the EJECT operand on the RMM CHANGEVOLUME subcommand for a virtual tape server resident logical volume. DFSMSrmm only allows you to eject a scratch logical volume. Ejecting a scratch logical volume results in the volume being purged from the Library Manager database.

## System action

The command fails.

## Programmer response

You cannot eject a private logical volume using the RMM CHANGEVOLUME subcommand with the EJECT operand. To move a volume from the VTS, you must use export processing. To use DFSMSrmm support for export processing, you can use the RMM CHANGEVOLUME subcommand with the LOCATION operand. Using the LOCATION operand, you are requesting that DFSMSrmm change the location of the volume. Then run DFSMSrmm inventory management later to move the volume to the location. You can then use library export processing to remove the logical volume from the virtual tape server on a stacked volume.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3330I**

**VOLUME TYPE AND LOCATION ARE INCONSISTENT**



## Explanation

You specified an incorrect volume TYPE for a system managed volume. You cannot specify TYPE(LOGICAL) when the location is a non-VTS system managed library. You cannot specify TYPE(PHYSICAL) when the location is a VTS system managed library.

## System action

The command fails.

## Programmer response

Specify the correct value for the TYPE operand, or use the DFSMSrmm default value. If the TYPE is correct, ensure that the correct location name is specified.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3331I**

**RACK OR POOL OPERANDS ARE NOT SUPPORTED FOR A LOGICAL VOLUME**

## Explanation

You have specified the RACK or POOL operand on the RMM ADDVOLUME or RMM CHANGEVOLUME subcommands. For RMM ADDVOLUME, you also specified the TYPE(LOGICAL) operand. For CHANGEVOLUME, you specified the TYPE(LOGICAL) operand or the volume is already defined as a logical volume.

## System action

The command fails.

## Programmer response

Do not specify the RACK or POOL operands because a logical volume cannot have a rack number and can only be pooled based on the volume serial number prefix.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3332I**

**A RACK NUMBER IS NOT SUPPORTED FOR A LOGICAL VOLUME**

## Explanation

You have specified the TYPE(LOGICAL) operand on the RMM CHANGEVOLUME subcommand for a volume. The volume defined to DFSMSrmm has an existing rack number which is different than the volume serial number. Rack numbers are not supported for logical volumes.

## System action

The command fails.

## Programmer response

If the volume is a logical volume, use the RMM CHANGEVOLUME subcommand with the NORACK operand to remove the rack number from the volume. The volume is pooled by DFSMSrmm using its volume serial number rather than its rack number. This might move the volume to a different volume pool defined using the DFSMSrmm EDGRMMxx VLPOOL command if the rack number and the volume are not the same.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3333I**

**UNSUPPORTED HOME LOCATION FOR A LOGICAL VOLUME**

## Explanation

You have issued the RMM CHANGEVOLUME subcommand with a home location name other than SHELF or the name of a virtual tape server library.

## System action

The command fails.

## Programmer response

If the logical volume is already in the virtual tape server, specify the library name. Otherwise, you can specify SHELF or any virtual tape server library name.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3334I****LIBRARY TYPE CANNOT BE DETERMINED****Explanation**

You issued an RMM TSO subcommand against a system-managed volume and DFSMSrmm needs to know if the library is a VTS. DFSMSrmm attempts to process the subcommand without the need to know if a volume is a logical volume or physical volume or in a virtual tape server library. Some requests require this information. Therefore the library must be correctly configured. The system obtains the required information at IPL time and at ACTIVATE IODF, and requires at least one tape drive operational.

**System action**

The command fails.

**Programmer response**

Correct any configuration problems so that DFSMSrmm can determine if the library is a virtual tape server.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3335I****NEWVOLUME IS NOT SUPPORTED FOR VOLUME TYPE****Explanation**

You have issued a DFSMSrmm TSO subcommand with the NEWVOLUME operand for a volume that does not allow you to change the volume serial number. You cannot change the serial number for a logical volume or a stacked volume.

**System action**

DFSMSrmm fails the command request.

**Operator response**

None.

**Programmer response**

Ensure that the volume is defined as the correct type.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3336I****STACKED VOLUME IS NOT EMPTY****Explanation**

You attempted to delete a stacked volume from the DFSMSrmm control data set but the stacked volume is still identified as the container for one or more volumes.

**System action**

DFSMSrmm fails the command.

**Operator response**

None.

**Programmer response**

To delete a stacked volume:

1. Use RMM SEARCHVOLUME CONTAINER(*stacked\_volume*) to identify all contained volumes.
2. Remove the contained volumes.
3. Delete the stacked volume.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3337I****STACKED VOLUME CONTAINER DOES NOT EXIST****Explanation**

You have attempted to associate a volume with a stacked volume container. The stacked volume is not defined to DFSMSrmm.

**System action**

DFSMSrmm fails the command.

**Programmer response**

To associate a volume with a stacked volume:

1. Define the stacked volume container to DFSMSrmm.
2. Specify the CONTAINER operand on the RMM ADDVOLUME or RMM CHANGEVOLUME subcommand for the volume you are adding to the container.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3338I****INITIALIZE ACTION NOT SUPPORTED FOR A STACKED VOLUME****Explanation**

You requested the relabeling of a stacked volume. This is not supported because the stacked volume cannot be processed on a host system.

**System action**

DFSMSrmm fails the command.

**Operator response**

None.

## Programmer response

If you issued the RMM CHANGEVOLUME subcommand, you can specify INITIALIZE(Y) only if you also specify CONFIRMRELEASE(INIT) in the same request.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3339I**

**RELEASE IS NOT SUPPORTED FOR A STACKED VOLUME**

## Explanation

You have used the RMM DELETEVOLUME subcommand to release a volume. Stacked volumes are restricted to MASTER status and cannot be released.

## System action

DFSMSrmm fails the command.

## Operator response

None.

## Programmer response

Do not release stacked volumes.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3340I**

**STORAGE GROUP AND LIBRARY COMBINATION IS NOT VALID**

## Explanation

You have specified a storage group name for a system-managed volume. The storage group name must be a valid storage group in the active SMS configuration and must be valid for the library associated with the volume. DFSMSrmm checks the volume's new location, current location, and then home location to determine if a volume is system-managed. DFSMSrmm validates the storage group name with the identified location.

## System action

DFSMSrmm fails the command.

## Operator response

None.

## Programmer response

Specify a valid storage group name, optionally with a location name, using a value from the active SMS configuration.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3341I**

**VOLUME TYPE INCONSISTENT WITH SYSTEM-MANAGED  
INFORMATION**

## Explanation

You have specified an incorrect volume type for a system-managed volume. DFSMSrmm issues this message for a stacked volume when you have specified TYPE(STACKED) and the TCDB contains details of the volume or when the Library Manager identifies the volume as a stacked volume and the type is not defined to DFSMSrmm as STACKED.

## System action

DFSMSrmm fails the command.

## Operator response

None.

## Programmer response

Specify the correct volume type or use the RMM ADDVOLUME subcommand processing default volume type value.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3342I****CONTAINER VALIDITY CHECKING FAILED****Explanation**

You have specified a stacked volume name using the CONTAINER operand of RMM CHANGEVOLUME subcommand. DFSMSrmm validity checking ensures that the volume has previously been exported to the specified stacked volume and that the copy on the stacked volume is still valid. DFSMSrmm validity checking uses values internal to DFSMSrmm in the form of an export token that is created when the original export was performed. DFSMSrmm also checks the name of the volume's previous stacked volume container and if the stacked volume is export recorded. If the stacked volume or exporting volume has been written to since the original export, DFSMSrmm resets the validation values to prevent virtual export.

**System action**

DFSMSrmm fails the command.

**Operator response**

None.

**Programmer response**

Specify the correct stacked volume container name or accept that the exported copy on the stacked volume is no longer valid. You can use the RMM CHANGEVOLUME FORCE operand to override the DFSMSrmm action.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3343I****SCRATCH STATUS IS NOT SUPPORTED FOR A STACKED VOLUME**



## Explanation

You have used the RMM ADDVOLUME subcommand to define a stacked volume to DFSMSrmm. Stacked volumes are restricted to MASTER status.

## System action

DFSMSrmm fails the command.

## Operator response

None.

## Programmer response

Add stacked volumes to DFSMSrmm specifying MASTER status and an owner ID.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3344I**

**VOLUME CATALOG INFORMATION CONFLICTS WITH LIBRARY  
MANAGER INFORMATION**

## Explanation

You issued the RMM ADDVOLUME subcommand to add a logical or physical volume. The volume is defined in the Library Manager database, but the volume is not defined in the volume catalog (TCDB). The logical or physical volume must be defined in both the Library Manager database and the volume catalog.

## System action

The command fails.

## Operator response

None.

## System programmer response

Update the TCDB or Library Manager database so that they contain the same information about the volume. For example, you can use the IDCAMS CREATE VOLUMEENTRY subcommand to add the volume to the volume catalog (TCDB).

## Source

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3345I****MANUAL CARTRIDGE ENTRY FAILED - NO MEDIA TYPE SPECIFIED****Explanation**

You are moving a volume to a manual tape library using the RMM CHANGEVOLUME subcommand with the CONFIRMMOVE operand. You specified a volume that does not have valid MEDIATYPE information defined to DFSMSrmm.

A media type is required when adding a volume to a system-managed library.

**System action**

The command fails.

**Operator response**

None.

**System programmer response**

Use the MEDIATYPE operand to specify a valid type of media. Also specify a valid recording format if the volume is not a scratch volume. Use the RECORDINGFORMAT operand to specify the recording format.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3346I****SUBCOMMAND FAILED BECAUSE EXTENDED BIN SUPPORT IS  
ENABLED****Explanation**

You have enabled the DFSMSrmm extended bin support using the DFSMSrmm EDGUTIL utility on a higher-level system, but you issued the subcommand on a system where extended bin support is not enabled. The following RMM TSO subcommands cannot run on the down-level system:

- CHANGEVOLUME when you specify one of the following operands:
  - LOCATION
  - BIN
  - CONTAINER
  - CONFIRMMOVE
- DELETEBIN
- DELETEVOLUME

### **System action**

DFSMSrmm fails the command.

### **Operator response**

None.

### **System programmer response**

Issue the command on a system where extended bin support is enabled.

### **Source**

DFSMSrmm

### **Module**

EDGMTSO

### **Routing code**

11

### **Descriptor code**

7

---

**EDG3347I**

**CANCEL MOVE FAILED, BIN IS ALREADY IN USE**

### **Explanation**

You were trying to cancel the move of a volume from a bin-managed storage location, but the bin is already being used by another volume.

### **System action**

DFSMSrmm fails the command.

### **Operator response**

None.

### **System programmer response**

Reissue the RMM CHANGE VOLUME LOCATION command, but add the BIN operand with an empty bin number.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3348I** LOCATION NAME *locname* IS NOT DEFINED AS A HOME LOCATION**Explanation**

A volume's home location can be any library location, SHELF or a storage location defined as a home storage location using the DFSMSrmm parmlib LOCDEF command. The location you have specified on the subcommand is not defined to DFSMSrmm as a home storage location.

In the message text:

***locname***

The name of a location defined as a storage location.

**System action**

The subcommand fails.

**Operator response**

None

**Programmer response**

If you are using storage location names as home locations for volumes, you must define the location using the DFSMSrmm EDGRMMxx parmlib LOCDEF command and specify the HOME operand.

**Source**

DFSMSrmm

**Module**

EDGTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3349I** STORAGE LOCATION NAMES CANNOT BE SPECIFIED

## Explanation

The location name you specified is defined to DFSMSrmm as a storage location. This subcommand does not support the use of storage location names. You can only specify a library name or SHELF.

## System action

The subcommand fails.

## Operator response

None

## Programmer response

Specify the name of a library location or SHELF.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

**EDG3350I**

**THE NAME OF A SHELF-MANAGED STORAGE LOCATION MUST BE SPECIFIED**

## Explanation

The location you specified is not defined to DFSMSrmm as a storage location that is shelf-managed. This subcommand only supports the use of shelf-managed storage locations.

## System action

The subcommand fails.

## Operator response

None

## Programmer response

Specify the name of a shelf-managed storage location.

## Source

DFSMSrmm

## Module

EDGTSO

## Routing code

11

## Descriptor code

7

---

**EDG3351I**

**START MOVE REJECTED, ANOTHER VOLUME IS STILL MOVING OUT OF  
BIN *bin\_number* AT LOCATION *location***

## Explanation

You were trying to move a volume from a bin-managed storage location, but another volume is still moving out of the same bin.

In the message text:

### ***bin\_number***

The bin number.

### ***location***

The name of a bin managed storage location.

## System action

DFSMSrmm fails the command.

## Operator response

None.

## System programmer response

Complete the move of the volume that is still moving out of the bin. If the destination is a system-managed library, enter the volume into the library. Otherwise, use the RMM CHANGEVOLUME subcommand to confirm the completion of the move. Then, retry the failed subcommand.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3352I**

**BIN NUMBER IS NOT SUPPORTED FOR A LOGICAL VOLUME OR A  
VOLUME IN A CONTAINER**

## Explanation

You were trying to move a logical volume or a volume in a container (stacked volume) into a bin while stacked volume support is enabled.

## System action

DFSMSrmm fails the command.

## Operator response

None.

## System programmer response

To move the stacked volume, use the RMM CHANGEVOLUME subcommand for the stacked volume. To move a logical volume, first export the logical volume onto a stacked volume.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3353I**

**UNEXPECTED RETURN CODE *return\_code* AND REASON CODE  
*reason\_code* FROM SUBSYSTEM REQUEST**

## Explanation

RMM subcommand processing received an unexpected return code and reason code from a request to process a DFSMSrmm control data set record.

In the message text:

### ***return\_code***

This is the return code set by EDGMFIO.

### ***reason\_code***

This is the reason code set by EDGMFIO.

## System action

DFSMSrmm fails the command.

## Operator response

Inform the system programmer.

## System programmer response

Run EDGUTIL with the VERIFY parameter to ensure the consistency of the DFSMSrmm control data set. If the error cannot be identified and corrected, report the problem to the IBM Support Center. Provide the return code and reason code that is displayed in this message to the IBM Support Center.

### Source

DFSMSrmm

### Module

EDGMTSO

### Routing code

11

### Descriptor code

7

---

**EDG3354I**

**CONTAINER CHANGE REJECTED AS THE VOLUME IS MOVING**

### Explanation

You were trying to place a moving volume into a container (stacked volume) while stacked volume support is enabled. You can only use the container operand if the volume is not moving.

### System action

DFSMSrmm fails the command.

### Operator response

None.

## System programmer response

When you have confirmed that the move has completed, or when you have canceled the move, retry the request to place the volume into a container.

### Source

DFSMSrmm

### Module

EDGMTSO

### Routing code

11

### Descriptor code

7

---

**EDG3355I**

**VOL1 IS NOT SUPPORTED FOR NL, LOGICAL, OR STACKED VOLUMES**



## Explanation

You have provided a VOL1 value or changed another volume attribute that cannot be combined with the VOL1 attribute. When you specify a VOL1 value, DFSMSrmm treats the volume as a duplicate volume. DFSMSrmm does not support duplicate volume processing for NL volumes, logical volumes, or stacked volumes.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

If you are adding a volume, do not specify the VOL1 operand. Change the volume serial number using the VOL1 operand and specify the volume serial number to ensure the volume is no longer a duplicate volume, or do not specify the TYPE(LOGICAL), TYPE(STACKED) or LABEL(NL) values.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

**EDG3356I**

**DELETE VOLUME REJECTED, TCDB STATUS DOES NOT MATCH THE  
DFSMSrmm VOLUME STATUS**

## Explanation

You issued the RMM DELETEVOLUME REMOVE EJECT subcommand to delete a volume from DFSMSrmm and from the TCDB. The request failed because the TCDB status does not match the RMM volume status. The TCDB status is PRIVATE and the DFSMSrmm volume status is not MASTER or USER, or the TCDB status is SCRATCH and the RMM volume status is MASTER or USER.

## System action

The command fails.

## Operator response

None.

## System programmer response

Update the TCDB so that it matches the DFSMSrmm volume status.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3357I****CHANGEVOLUME REJECTED – WWID CANNOT BE CHANGED ONCE A  
VALUE IS SET****Explanation**

You attempted to set the worldwide unique cartridge ID for a volume. DFSMSrmm found the the volume already has a worldwide unique cartridge ID.

**System action**

The subcommand fails.

**System programmer response**

You cannot change the worldwide unique cartridge ID value once a value is defined to DFSMSrmm. If the value is incorrect in DFSMSrmm you can use DELETEVOLUME followed by ADDVOLUME, or use REPLACE processing to clear the worldwide unique cartridge ID so it can be recorded by DFSMSrmm correctly the next time the volume is used.

**Source**

DFSMSrmm

**Module**

EDGMTSO

**Routing code**

11

**Descriptor code**

7

---

**EDG3358E****SPECIFIED VOLUME IS NOT PENDING REPLACE****Explanation**

You have issued the RMM DELETEVOLUME subcommand with the REPLACE operand against a volume that is not pending replacement, or REPLACE was not the only release action.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Ensure that all outstanding actions for the volume are completed before reissuing the command. To delete the volume in any case, use the FORCE operand to remove the volume information.

**Source**

DFSMSrmm

**Routing code**

–

**Descriptor code**

–

---

**EDG3359E****SPECIFIED MEDIA INFORMATION IS INCONSISTENT****Explanation**

Either of the following situations occur:

- You have issued either the RMM TSO subcommand ADDVOLUME or CHANGEVOLUME with the operand MEDINF assigning non-IBM installation defined media information to the volume.
- You have issued the RMM TSO subcommand CHANGEVOLUME. The volume has already had non-IBM media information assigned, and the values you specified for media type and recording format are not defined in your installation.

**System action**

The command fails.

**Operator response**

None.

**Programmer response**

Ensure that you specify a media type and recording format combination that is allowed in your installation for the associated media information name. You can use the RMM TSO subcommand LISTCONTROL MEDINF to display the installation defined media information.

**Source**

DFSMSrmm

**Module**

EDGMTSO

## Routing code

–

## Descriptor code

–

---

**EDG3360E**

**CLIST DATA SET LRECL *lrecl* IS TOO SHORT - MINIMUM LRECL *min\_lrecl***

## Explanation

You have issued a SEARCH subcommand with the CLIST operand and the ADD or DISP=MOD operand. However, the LRECL for an existing data set with fixed record length is shorter than the minimum LRECL required for new records.

In the message text:

### ***lrecl***

This is the existing logical record length of the CLIST data set.

### ***min\_lrecl***

This is the minimum record length required to create the CLIST output for a fixed length record data set.

## System action

The subcommand fails.

## Operator response

None.

## Programmer response

Either recreate the CLIST data set with a larger fixed LRECL or use variable length records.

## Source

DFSMSrmm

## Module

EDGTSOCL

---

**EDG3361I**

**HOLD ATTRIBUTE IS SET**

## Explanation

If you issued the CHANGEVOLUME subcommand, you are attempting to set the hold attribute but the attribute is already set. If you issued the DELETEVOLUME subcommand, you are attempting to release a volume when the HOLD attribute is set.

## System action

The subcommand ends with return code 12 reason code 258.

## Programmer response

Determine the correct setting and reissue the correct subcommand.

**Source**

DFSMSrmm

**Module**

EDGTSO

---

**EDG3362I****HOLD ATTRIBUTE IS NOT SET****Explanation**

You are attempting to reset the hold attribute but the attribute is not set.

**System action**

The subcommand ends with return code 12 reason code 260.

**Programmer response**

Determine the correct setting and reissue the correct subcommand.

**Source**

DFSMSrmm

**Module**

EDGTSO

---

**EDG3363I****RETENTION METHOD CAN ONLY BE CHANGED FOR THE FIRST VOLUME  
IN A SET****Explanation**

You issued the CHANGEVOLUME subcommand to change the retention method for a volume. This is supported only for the first volume in a volume set. DFSMSrmm will propagate the value to all volumes in the set.

**System action**

The subcommand ends with return code 12 reason code 266.

**Programmer response**

Determine the correct first volume in the set and re-issue the subcommand.

**Source**

DFSMSrmm

**Module**

EDGTSO

---

**EDG3364I****VRSELEXCLUDE(NO) CAN ONLY BE SPECIFIED FOR DATA SETS ON A  
RETENTION METHOD(VRSEL) VOLUME**

## Explanation

You issued the CHANGEDATASET subcommand to reset the VRSEL exclude attribute. This is supported only when the volume is managed by retention method VRSEL. Data sets on volumes managed by the EXPDT retention method are always excluded from VRSEL processing.

## System action

The subcommand ends with return code 12 reason code 268.

## Programmer response

If the volume is already managed by the EXPDT retention method you cannot force the data sets to be processed by VRSEL. If you want all the data sets in the volume set to be managed by VRSEL change the volume retention method to VRSEL. When a volume set is managed by VRSEL you can exclude specific data sets by setting VRSELEXCLUDE(YES) for those specific data sets.

## Source

DFSMSrmm

## Module

EDGTSO

---

**EDG3365I**

**COPYFROM DATA SET RECORD DOES NOT EXIST**

## Explanation

You issued the CHANGEDATASET subcommand with the COPYFROM operand to copy the data set attributes, but the source data set is not known to DFSMSrmm.

## System action

The subcommand ends with return code 12 reason code 270.

## Programmer response

Re-issue the subcommand with the correct key values for the source data set and ensure the source data set is defined to DFSMSrmm. Use the COPYFROM operand DSN, VOLUME and SEQ operands to identify the source data set record.

## Source

DFSMSrmm

## Module

EDGTSO

---

**EDG3366I**

**COPYFROM VALIDATION FAILED - RECFM OR LRECL DO NOT MATCH FOR SOURCE AND TARGET DATA SET**

## Explanation

You issued the CHANGEDATASET subcommand with the COPYFROM operand to copy the data set attributes. This is supported only when the source and target data set have the same record format and logical record length.

## System action

The subcommand ends with return code 12 reason code 272.

## Programmer response

Re-issue the CHANGEDATASET subcommand specifying a valid source and target data set, ensuring that the record format and logical record length match. Ensure that the data\_set\_name parameter, VOLUME and SEQ operands correctly identify the data set record for the target data set, and that the COPYFROM operand DSN, VOLUME and SEQ sub-operands identify the source data set record.

## Source

DFSMSrmm

## Module

EDGTSO

---

<b>EDG3367I</b>	<b>LASTREF OR NOLASTREF CAN ONLY BE SPECIFIED FOR DATA SETS ON A RETENTIONMETHOD(EXPDT) VOLUME</b>
-----------------	--

## Explanation

An ADDDATASET or CHANGEDATASET subcommand was issued to set or change the LASTREF attribute. This is supported only when the volume is managed by retention method EXPDT.

## System action

The subcommand ends with return code 12 reason code 274.

## Operator response

None.

## Programmer response

For data sets on volumes managed by the VRSEL retention method you must use Vital Record Specifications to consider last reference days for retention. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on defining vital record specifications.

## Source

DFSMSrmm

## Module

EDGMTSO

---

<b>EDG3368I</b>	<b>FORCE OPERAND REQUIRED</b>
-----------------	-------------------------------

## Explanation

An ADDDATASET or CHANGEDATASET or CHANGEVOLUME subcommand was issued to set or change the read or write date to a future date. This is only allowed only when also the FORCE operand is specified.

## System action

The subcommand ends with return code 12 reason code 275.

## Operator response

None.

## Programmer response

Add the FORCE operand to your command specification.

## Source

DFSMSrmm

## Module

EDGMTSO

---

<b>EDG3369I</b>	<b>FILE EXPIRATION ATTRIBUTES ACCEPTED BUT IGNORED FOR THE VOLUME EXPIRATION BECAUSE VOLUME IS RETAINED BY FIRSTFILE</b>
-----------------	--

## Explanation

You issued an ADDDATASET or a CHANGEDATASET subcommand with a RETPD, EXPDT, or LASTREF operand for a file which is not the first file of the volume set. RMM detects that the data set resides on a volume managed by the EXPDT retention method with the RETAINBY(FIRSTFILE) attribute. The data set will get the new expiration date or LASTREF attribute assigned, but the effective expiration date of the volume is unchanged as long the first file of the volume set is not changed.

## System action

The subcommand ends with return code 4 reason code 278.

## Operator response

None.

## Programmer response

Check the expiration date of the volume. If it is lower than the needed expiration date of the data set, you can enlarge the expiration date of the first file of the volume set.

## Source

DFSMSrmm

## Module

EDGMTSO

---

<b>EDG3370I</b>	<b>RETAINBY CAN ONLY BE SPECIFIED FOR A RETENTIONMETHOD(EXPDT) VOLUME</b>
-----------------	---

## Explanation

An ADDVOLUME or CHANGEVOUME subcommand was issued to set or change the RETAINBY attribute. This is supported only if the volume is managed by retention method EXPDT.

## System action

The subcommand ends with return code 12 reason code 280.



## Operator response

None.

## Programmer response

If you want to stay with the VRSEL retention method, then the RETAINBY parmlib option may fulfil your need. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on defining vital record specifications.

## Source

DFSMSrmm

## Module

EDGMTSO

---

**EDG3371I RETAINBY CAN ONLY BE SPECIFIED FOR THE FIRST VOLUME IN A SET**

## Explanation

An ADDVOLUME or CHANGEVOUME subcommand was issued to set or change the RETAINBY attribute. This is not supported if the PREVVOL operand is specified too, or with CHANGEVOLUME if the volume is not the first volume of the volume set.

## System action

The subcommand ends with return code 12 reason code 282.

## Operator response

None.

## Programmer response

Set the RETAINBY attribute for the first volume of the set.

## Source

DFSMSrmm

## Module

EDGMTSO

---

**EDG3372I CHANGE OF EXPIRATION DATE NOT ALLOWED FOR VOLUMES  
RETAINED BY FIRST FILE**

## Explanation

You issued a CHANGEVOLUME subcommand with a RETPD or an EXPDT operand for a volume or volume set defined with RETAINBY(FIRSTFILE) attribute. This is not supported.

## System action

The subcommand ends with return code 12 reason code 284.

## Operator response

None.

## Programmer response

To change the expiration date of all volumes of the set you can issue a CHANGEDATASET subcommand for the first file of the volume set. Alternatively the RETAINBY attribute of the volume set can be changed to RETAINBY(VOLUME) or RETAINBY(SET).

## Source

DFSMSrmm

## Module

EDGMTSO

---

**EDG3373E**

**WHILECATALOG ON OR UNTILEXPIRED CAN ONLY BE SPECIFIED FOR  
DATA SETS ON A RETENTIONMETHOD(EXPDT) VOLUME**

## Explanation

An ADDDATASET or CHANGEDATASET subcommand was issued to set or change the WHILECATALOG attribute to ON or UntilExpired. This is supported only when the volume is managed by retention method EXPDT.

## System action

The ADDDATASET or CHANGEDATASET subcommand ends with return code 12 reason code 285.

## Operator response

None.

## Programmer response

For data sets on volumes managed by the VRSEL retention method you must use Vital Record Specifications to retain data sets by their catalog status. See *z/OS DFSMSrmm Implementation and Customization Guide* for information on defining vital record specifications.

## Source

DFSMSrmm

## Module

EDGMTSO

---

**EDG3374E**

**CHANGEDATASET WILL NOT SET WHILECATALOG TO UNTILEXPIRED  
FOR A DATASET THAT IS NOT CATALOGED**

## Explanation

A CHANGEDATASET subcommand was issued to set the WHILECATALOG attribute to UNTILEXPIRED. WHILECATALOG(UNTXILEXPIRED) is used to keep a data set until it is uncataloged, even if the expiration data has not been reached yet. However, the data set being modified is already uncataloged.

## System action

The subcommand ends with return code 12 reason code 286.

## Operator response

None.

## Programmer response

If catalog retention is required for the dataset, make sure that it is cataloged.

## Source

DFSMSrmm

## Module

EDGMTSO

---

**EDG3375I**

**NEW DATA SET WITH UNKNOWN CATALOG STATUS HAS  
WHILECATALOG SET BY DEFAULT. FOR CATALOG RETENTION, PLEASE  
RUN CATSYNCH TO UPDATE THE CATALOG STATUS OF THE DATA SET.**

## Explanation

A new data set, created using an RMM subcommand, has WHILECATALOG set to a default setting of ON or UNTILEXPIRED, as specified in the PARMLIB. This has no effect on the expiration of the data set, because RMM does not know the catalog status of the new data set.

## System action

The RMM subcommand continues processing and ends with return code 4 reason code 287.

## Operator response

None.

## Programmer response

For the catalog status to affect the expiration of the new data set, you must run CATSYNCH to set the catalog status of the data sets defined to DFSMSrmm.

## Source

DFSMSrmm

## Module

EDGMTSO

---

**EDG3376I**

**RELEASE IS NOT SUPPORTED FOR EDM VOLUMES**

## Explanation

The DELETEVOLUME subcommand specified with the RELEASE operand failed because the volume to be deleted is an externally managed volume.

## System action

DFSMSrmm fails the subcommand with return code 12, reason code 288.

## Operator response

None.

## Programmer response

Check to see if you are processing the correct volume. If the volume is correct, make sure that the volume is no longer managed by the external software. After that, issue RMM CHANGEVOLUME with NOEDM and re-issue the DELETEVOLUME.

## Source

DFSMSrmm

## Module

EDGMTSO

---

### EDG3377I

### FORCEEXPIRE FOR DATA SET IS ALREADY SET

## Explanation

The FORCEEXPIRE flag for the data set has already been set previously using the RMM CHANGEDATASET subcommand with the FORCEEXPIRE operand.

## System action

Uncatalog processing is not performed.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGMTSO

## Routing code

11

## Descriptor code

7

---

### EDG3900I

### MORE OUTPUT MAY EXIST

## Explanation

DFSMSrmm issues this message when the EDGXCI macro returns return code 0 and reason code 4. Additional data or additional entries might be available for a SEARCH subcommand or a LISTCONTROL subcommand.

**System action**

Processing continues.

**Operator response**

None.

**Programmer response**

Call the DFSMSrmm application programming interface to retrieve additional output if it exists.

**Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:**

---

**EDG3901I** **NO MORE OUTPUT EXISTS**

**Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 104 and reason code 2. Additional data or additional entries might be available for a SEARCH or LISTCONTROL subcommand, but no more data or entries were available to be returned.

**System action**

Processing continues.

**Operator response**

None.

**Programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:**

---

**EDG3902E** **REQUIRED EDGXCI TOKEN IS MISSING**

## Explanation

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 2. To specify CONTINUE or getNextEntry, provide the correct data required to continue subcommand processing.

## System action

Processing fails.

## Operator response

None.

## Programmer response

Report this error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGXHINT

**Routing code:**

**Descriptor code:**

---

**EDG3903E**

**REQUIRED EDGXCI SUBCMDADDR IS MISSING**

## Explanation

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 4. You must provide the subcommand address when you specify BEGIN or issueCmd.

## System action

Processing fails.

## Operator response

None.

## Programmer response

Report this error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGXHINT

**Routing code:**

**Descriptor code:**

---

**EDG3904E**

**REQUIRED EDGXCI OUTBUFADDR IS MISSING**

## Explanation

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 6. To specify CONTINUE, BEGIN, issueCMD, or getNextEntry, you must provide the output buffer address.

## System action

Processing fails.

## Operator response

None.

## Programmer response

Report this error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGXHINT

## Routing code:

## Descriptor code:

**EDG3905E**

---

**EDGXCI OUTPUT BUFFER IS LESS THAN 4K**

## Explanation

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 8. For CONTINUE, BEGIN, issueCMD, or getNextEntry, you have provided the address of an output buffer that is less than the minimum size of 4K.

## System action

Processing fails.

## Operator response

None.

## Programmer response

Report this error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGXHINT

## Routing code:

## Descriptor code:

**Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 10. For CONTINUE, BEGIN, issueCMD, or getNextEntry, you have provided the address of an output buffer that is smaller than the required size.

**System action**

Processing fails.

**Operator response**

None.

**Programmer response**

Ensure your output buffer is large enough.

**Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:****Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 12. You specified an unsupported parameter for the OPERATION keyword on the EDGXCI macro.

**System action**

Processing fails.

**Operator response**

None.

**Programmer response**

Ensure that you specified the correct parameter for the OPERATION keyword on the EDGXCI macro. If the parameter is correct and DFSMSrmm issues this message, report this error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGXHINT



**Routing code:**

**Descriptor code:**

---

**EDG3908E**

**EDGXCI OUTPUT PARAMETER IS NOT RECOGNIZED**

### **Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 14. You specified an unsupported parameter for the OUTPUT keyword on the EDGXCI macro.

### **System action**

Processing fails.

### **Operator response**

None.

### **Programmer response**

Ensure that you specified the correct parameter for the OUTPUT keyword on the EDGXCI macro. If the parameter is correct and DFSMSrmm issues this message, report this error to the IBM Support Center.

### **Source**

DFSMSrmm

### **Module**

EDGXHINT

**Routing code:**

**Descriptor code:**

---

**EDG3909E**

**EDGXCI EXPAND PARAMETER IS NOT RECOGNIZED**

### **Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 16. You specified an unsupported parameter for the EXPAND keyword on the EDGXCI macro.

### **System action**

Processing fails.

### **Operator response**

None.

### **Programmer response**

Ensure that you specified the correct parameter for the EXPAND keyword on the EDGXCI macro. If the parameter is correct and DFSMSrmm issues this message, report this error to the IBM Support Center.

### **Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:**

---

**EDG3910E****EDGXCI TOKEN IS ALREADY IN USE****Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 56. DFSMSrmm is processing multiple commands and an attempt has been made to share a command token.

**System action**

Processing fails.

**Operator response**

None.

**Programmer response**

Report this error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:**

---

**EDG3911E****EDGXCI OUTPUT=FIELDS IS NOT SUPPORTED****Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 58. OUTPUT=FIELDS has been specified for a subcommand that does not support structured field introducer output.

**System action**

Processing fails.

**Operator response**

None.

**Programmer response**

Report this error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:**

---

**EDG3912E****EDGXCI SUBCOMMAND LENGTH IS TOO LONG****Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 108 and reason code 60. The SUBCMDADDR area contains a length value that is greater than the maximum length of 32761.

**System action**

Processing fails.

**Operator response**

None.

**Programmer response**

Report this error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:**

---

**EDG3913E****EDGXCI UNABLE TO OBTAIN STORAGE FOR WORK AREA****Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 112 and reason code 2. The address space in which the subcommand is being processed is low on available storage.

**System action**

Processing fails.

**Operator response**

None.

**Programmer response**

Run with a larger REGION size.

**Source**

DFSMSrmm

## Module

EDGXHINT

**Routing code:**

**Descriptor code:**

---

**EDG3914E**

**DFSMSrmm SUBSYSTEM IS NOT INSTALLED**

## Explanation

You cannot use DFSMSrmm subcommands unless installation steps are processed and the DFSMSrmm subsystem is started. DFSMSrmm issues this message when the EDGXCI macro returns return code 116 and reason code 2. The DFSMSrmm subsystem has not been installed. For the subsystem to be installed, you must define the subsystem to the system and run the subsystem initialization routine EDGSSSI.

## System action

Processing fails.

## Operator response

None.

## Programmer response

Install, define, and start the DFSMSrmm subsystem. After all the steps are executed, resubmit your DFSMSrmm subcommand.

## Source

DFSMSrmm

## Module

EDGXHINT

**Routing code:**

**Descriptor code:**

---

**EDG3915E**

**UNEXPECTED RETURN CODE *return\_code* REASON CODE *reason\_code*  
FROM SYSTEM SERVICE *routine\_name***

## Explanation

DFSMSrmm issues this message when the EDGXCI macro returns return code 116 and reason code 4.

In the message text:

***return\_code***

Is the return code from the system service.

***reason\_code***

Is the reason code from the system service.

***routine\_name***

Is the name of the system service.

## System action

DFSMSrmm fails the request.



**Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns an unsupported return and reason code combination.

In the message text:

***return\_code***

An internal DFSMSrmm value returned indicating the result of processing.

***reason\_code***

An internal DFSMSrmm value returned indicating the result of processing.

***routine\_name***

Is the name of the system service.

**System action**

DFSMSrmm fails the request.

**Operator response**

Inform the system programmer.

**Programmer response**

Report the error to the IBM Support Center with the full text of the error message.

**Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:****Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 120 and reason code 2. An unsupported function call has been processed.

**System action**

DFSMSrmm fails the request.

**Operator response**

Inform the system programmer.

**Programmer response**

Report the error to IBM.

**Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:**

**EDG3919E**

**LOAD OF EDGXAPI FAILED RETURN CODE *return\_code***

---

**Explanation**

The LOAD for program EDGXAPI failed. DFSMSrmm issues this message when the EDGXCI macro returns return code 120 and reason code 4.

In the message text:

***return\_code***

Is the return code from the LOAD macro.

**System action**

DFSMSrmm fails the request.

**Operator response**

Inform the system programmer.

**Programmer response**

Correct the cause of the error and retry the command.

**Source**

DFSMSrmm

**Module**

EDGXHINT

**Routing code:****Descriptor code:**

**EDG3920E**

**ERROR PARSING THE SUBCOMMAND**

---

**Explanation**

DFSMSrmm issues this message when the EDGXCI macro returns return code 20 and reason code 0. You have passed a subcommand string to the application programming interface that cannot be successfully parsed by DFSMSrmm.

**System action**

DFSMSrmm fails the request.

## Operator response

None.

## Programmer response

Identify and correct the cause of the error before retrying the command. You can enter the command string in TSO to see the error messages issued by subcommand parsing.

## Source

DFSMSrmm

## Module

EDGXHINT

## Routing code:

## Descriptor code:

EDG3921I

---

INSUFFICIENT STORAGE FOR SEARCH PROCESSING

## Explanation

The high level language API reached the storage or memory size limit for returnable data.

## System action

Data is returned for resources processed so far, but more records exist.

## Operator response

Change the search command to return fewer records. Issue multiple commands to retrieve the information you need.

## Programmer response

If the environment allows, adjust the RMM\_XML\_MAX\_SIZE system property for the Java™ virtual machine. For more information, see the DFSMSrmm Web Service information in [z/OS DFSMSrmm Diagnosis Guide](#).

## Source

DFSMSrmm

## Module

EDGXHCLL

## Routing code

–

## Descriptor code

–

---

EDG3950E

ERROR CALLING THE EDGXHCLL DLL



## Explanation

The Java class, EDGXHJLL, is unable to locate and call the C++ dynamic link library to process a DFSMSrmm command using the high-level language application programming interface.

## System action

Processing fails.

## Operator response

None.

## Programmer response

Identify and correct the cause of the error before retrying the command. Ensure that the EDGXHCLL dynamic link library is correctly installed in the SIEALNKE linklist library.

## Source

DFSMSrmm

## Module

EDGXHJLL

## Routing code

–

## Descriptor code

–

---

EDG3951I

SEARCH INCOMPLETE - MORE RECORDS MAY EXIST

## Explanation

More records have been found by the search subcommand than can be processed in the current environment.

## System action

Only as many results are returned as those that are completely processed.

## Operator response

None.

## Programmer response

Use the available subcommand operands to limit or select fewer records each time you issue a search subcommand. To process all volume records, use the VOLUME and END operands, or use the VOLUME and LIMIT operands to process a subset of the volumes.

## Source

DFSMSrmm



<b>If the action is</b>	<b>DFSMSrmm</b>
OPEN or LABEL and DFSMSrmm is running in PROTECT mode	Rejects the current volume and the system issues another mount request if the request is for a scratch volume. If the journal locked condition continues, the operator must use the MVS CANCEL command to fail the job. When the function is OPEN or LABEL, DFSMSrmm requests the failure of the OPEN request. See <i>z/OS DFSMS Installation Exits</i> for information about how the request is failed.
EOV and DFSMSrmm is running in WARNING or RECORD-ONLY mode	Continues processing.
EOV for the current volume and DFSMSrmm is running in PROTECT mode	Continues processing. The job continues. Updates to the control data set made at EOV time are not completed. This results in missing information in the control data set.
EOV for the next volume and DFSMSrmm is running in PROTECT mode	Rejects the volume. If the request is non-specific (a scratch volume), DFSMSrmm rejects the volume and the system issues another mount request. The operator must use the MVS CANCEL command to fail the job. When the function is OPEN or LABEL, DFSMSrmm requests the failure of the OPEN request. See <i>z/OS DFSMS Installation Exits</i> for information about how the request is failed.

## Programmer response

If the operator entered CANCEL, advise your tape librarian or storage administrator that DFSMSrmm control data set entries might be incomplete. Advise your System Programmer to schedule the control data set back up processing to clear the journal. Use EDGHSKP,PARAM=BACKUP to back up the control data set and to clear the journal. Do not specify any other EDGHSKP parameters. Then resubmit the job.

## Source

DFSMSrmm

## Module

EDGOECM

## Routing code

1,3,11

## Descriptor code

2

---

**EDG4001D** **DFSMSrmm I/O ERROR IN *action* FOR *volser* BY *jobname*, *stepname*, *ddname*; ENTER "RETRY" OR "CANCEL"**

## Explanation

DFSMSrmm issues this message when the DFSMSrmm subsystem is quiesced and DFSMSrmm has issued message EDG2116A. DFSMSrmm also issues this message when an I/O error occurred on the DFSMSrmm control data set while the *ddname* for *jobname stepname* was being opened or closed.

In the message text:

### ***action***

*action* can be: OPEN, CLOSE, EOV, or LABEL. The value indicates the operation that the application or system is performing.

**volser**

Volume serial number

**jobname**

Name of a job identified to a system

**stepname**

Name of a step within a job

**ddname**

The data definition name

**System action**

The system waits for the operator to reply either RETRY or CANCEL.

**Operator response**

Check whether the subsystem is quiesced (the EDG2116A message has been issued). If the subsystem is quiesced, see message EDG2116A for information about reactivating the subsystem. After the subsystem has been reactivated, reply RETRY to continue. Reply CANCEL if no further action should be taken. If the subsystem is not quiesced, check your installation's procedures for handling I/O errors on the DFSMSrmm control data set. Correct the error if possible, and enter RETRY to retry the update of the DFSMSrmm control data set information.

If the error cannot be corrected, enter CANCEL if no further action should be taken.

If the action is	Then
CLOSE	When you reply CANCEL, updates to the control data set made at CLOSE time are not completed. This results in missing information in the control data set.
OPEN or LABEL and DFSMSrmm is running in WARNING or RECORD-ONLY mode	Replying CANCEL allows processing to continue. If DFSMSrmm is running in PROTECT mode, replying CANCEL causes DFSMSrmm to reject the current tape volume.
EOV and DFSMSrmm is running in WARNING or RECORD-ONLY mode	Replying CANCEL allows processing to continue. If the message text says EOV for the current volume and DFSMSrmm is running in PROTECT mode, replying CANCEL allows processing to continue. The job continues. Updates to the control data set made at EOV time are not completed. This results in missing information in the control data set. If the message text says EOV for the next volume and DFSMSrmm is running in PROTECT mode, replying CANCEL causes DFSMSrmm to reject this volume. If the request is non-specific (for a scratch volume), DFSMSrmm rejects the current volume and the system issues another mount request. If the I/O errors on the control data set continue, the operator must use the MVS CANCEL command to fail the job.
OPEN or LABEL	DFSMSrmm requests the failure of the OPEN request. See <a href="#">z/OS DFSMS Installation Exits</a> for information about how the request is failed.

**Programmer response**

If the operator entered CANCEL, advise your tape librarian or storage administrator that DFSMSrmm control data set entries might be incomplete.

**Source**

DFSMSrmm

## Module

EDGOECM

## Routing code

1,3,11

## Descriptor code

2

---

**EDG4002E**

**DFSMSrmm DETECTED SUBSYSTEM ERROR** *return\_code, reason\_code*  
**DURING** *action* **FOR** *dsname* **BY** *jobname, stepname, ddname*

## Explanation

While opening or closing a data set, the DFSMSrmm subsystem was found inactive.

In the message text:

### ***return\_code***

Describes the error which can be:

**4**

Logic error in DFSMSrmm.

**8**

The subsystem is not active.

**12**

The subsystem is not defined.

**16**

Logic error in DFSMSrmm.

**20**

Logic error in DFSMSrmm.

### ***reason\_code***

The values are internal to DFSMSrmm. Provide these values to the IBM Support Center.

### ***action***

*action* can be: OPEN, CLOSE, EOV, and LABEL. The value indicates the operation that the application or system is performing.

### ***dsname***

The data set that is being opened or closed.

### ***jobname***

The name of the job identified to a system.

### ***stepname***

The name of the step within a job.

### ***ddname***

The data definition name.

## System action

The system writes a dump to SYS1.DUMPnn data set. O/C/EOV processing abnormally ends.

## Operator response

Respond as described in the following table.

<b>Return_code</b>	<b>Operator Response</b>
4,16,20	Report the error to the IBM Support Center.
8	Restart the DFSMSrmm subsystem.
12	Make sure that DFSMSrmm has been correctly installed.

Report the problem to the system programmer. The DFSMSrmm control data set can be corrected if only partial information has been recorded.

### **System programmer response**

Inform the tape librarian or storage administrator that the error occurred and that DFSMSrmm control data set records might be incomplete. Refer to *z/OS MVS Using the Subsystem Interface* for the error code explanations provided for the IEFSSREQ macro, and take the appropriate action.

### **Source**

DFSMSrmm

### **Module**

EDGSOCE

### **Routing code**

2,3,11

### **Descriptor code**

3

---

**EDG4003E** **DFSMSrmm DETECTED CONTROL BLOCK ERROR** *return\_code*  
*reason\_code* **DURING action FOR volser BY jobname, stepname ddname**

### **Explanation**

An error was detected in the data area passed to DFSMSrmm during processing of a volume.

In the message text:

#### ***return\_code***

Describes the error which can be:

**8**

The volume is rejected.

**12**

The volume is rejected and no other volume can be mounted to satisfy the request.

**16**

An I/O error occurred in DFSMSrmm.

**20**

DFSMSrmm could not recognize the request.

**24**

Intrusive backup is in progress.

#### ***reason\_code***

The values are internal to DFSMSrmm. Provide these values to the IBM Support Center.

**action**

*action* can be: OPEN, CLOSE, EOV, or LABEL. The value indicates the operation that the application or system is performing.

**volser**

The volume serial number.

**job\_name**

The name of a job identified to a system.

**stepname**

The name of a step within a job.

**ddname**

The data definition name.

**System action**

DFSMSrmm writes a dump to SYS1.DUMPnn data set. O/C/EOV processing abnormally ends.

**Operator response**

Report the problem to the system programmer.

**System programmer response**

A logic error has occurred in DFSMSrmm. Report the error along with the *reason\_code* to the IBM Support Center. Inform your tape librarian or storage administrator that the DFSMSrmm control data set records might be incomplete.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

---

**EDG4004I**

**\*\*WARNING\*\* USE OF *volser* BY *jobname,stepname, ddname* ONLY  
PERMITTED BECAUSE DFSMSrmm RUNNING IN WARNING MODE**

**Explanation**

DFSMSrmm determined that the specified volume should not be used, but allows the volume to be used because DFSMSrmm is running in warning mode only.

In the message text:

**volser**

Volume serial number

**job\_name**

Name of a job identified to a system

**stepname**

Name of a step within a job

**ddname**

The data definition name

**System action**

Because no action is taken by DFSMSrmm, standard MVS criteria are used to determine if the volume is rejected.

**Operator response**

Report the warning to your system programmer or the individual responsible for supervising DFSMSrmm in warning mode.

**System programmer response**

Ask the tape administrator if changes to the job's JCL or the current DFSMSrmm parmlib options are needed.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

---

**EDG4005E** **VOLUME *volser* ON *unit\_address* REJECTED FOR USE BY *jobname*,  
*stepname*, *ddname***

**Explanation**

The specified volume cannot be used to satisfy this mount request.

In the message text:

***volser***

This is the volume serial number.

***unit\_address***

This is the device address.

***job\_name***

This is the name of a job identified to a system.

***stepname***

This is the name of a step within a job.

***ddname***

The data definition name



## System action

The tape is rejected. The operator is asked to mount another tape. The tape drive autoloader is not indexed if a re-mount is requested for a non-specific volume. This prevents the loader from being emptied when it might be pre-loaded with tapes from a different scratch pool.

## Operator response

If a scratch tape is requested, mount another scratch tape. Otherwise, cancel the job. If the autoloader has not been indexed to mount the next pre-loaded scratch volume, verify that an acceptable scratch volume is available and mount the volume on the drive. Return the loader status to the correct setting after an acceptable tape is mounted.

## System programmer response

Once a usable tape has been mounted, ignore this message. If the job is canceled before a usable tape can be mounted, check the specified DD statement for any incorrect volume, density, or label parameters. If the DD statement appears correct, check the DFSMSrmm EDGRMMxx parmlib options to determine if the volume was rejected based on the option values.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

EDG4006E

**VOLUME *volser* ON *rack\_number* REJECTED FOR USE BY *jobname*,  
*stepname*, *ddname*; OPEN REQUEST FAILED BY DFSMSrmm**

## Explanation

Neither the current volume nor any other tape volume can be used for this mount request.

In the message text:

### ***volser***

Volume serial number

### ***rack\_number***

Volume shelf location identifier

### ***job\_name***

Name of a job identified to a system.

### ***stepname***

Name of a step within a job

### ***ddname***

The data definition name

## System action

The tape is rejected, and the job abnormally ends.

## Operator response

None.

## System programmer response

Check the specified DD statement for incorrect volume, density, or label parameters. If the DD statement appears correct, review the DFSMSrmm parmlib options to determine if this was a valid occurrence.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

11

---

EDG4007E

**THE DFSMSrmm SUBSYSTEM IS NOT ACTIVE, USE OF *volser* BY  
*jobname, procname, stepname, ddname* REJECTED**

## Explanation

Requests for tape mounts are rejected. The subsystem interface is initialized but the DFSMSrmm subsystem is not active. Before tapes can be processed, the DFSMSrmm subsystem must be started and remain active.

In the message text:

### ***volser***

Volume serial number

### ***job\_name***

Name of a job identified to a system

### ***stepname***

Name of a step within a job

### ***procname***

Name of a procedure name and is provided when available.

### ***ddname***

The data definition name

## System action

The current tape request is rejected.

## Operator response

Stop the initiators for batch jobs using tape and do not mount any tapes until the DFSMSrmm subsystem starts.



## Routing code

1,3

## Descriptor code

2

---

**EDG4009E**

**REPLY TO EDGmsgnumD INVALID, PLEASE REPLY WITH EITHER "RETRY" OR "CANCEL"**

## Explanation

RETRY or CANCEL are the only valid replies to the messages EDG4000D, EDG4001D, or EDG4010D.

In the message text:

### *msgnum*

Can be: 4000, 4001, or 4010

## System action

DFSMSrmm issues message EDG4000D, EDG4001D, or EDG4010D again following message EDG4009E.

## Operator response

When message EDG4000D, EDG4001D, or EDG4010D is displayed again, following message EDG4009E, enter RETRY or CANCEL.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGOECM

## Routing code

1,3

## Descriptor code

2

---

**EDG4010D**

**BACKUP IN PROGRESS DURING *action* FOR *volser* BY *jobname*, *stepname*, *ddname*; ENTER "RETRY" OR "CANCEL"**

## Explanation

DFSMSrmm could not record an open or close of a volume because the DFSMSrmm control data set backup was in progress.

In the message text:

**action**

*action* can be: OPEN, CLOSE, EOV, and LABEL. The value indicates the operation that the application or system is performing.

**volser**

Volume serial number

**jobname**

Name of a job identified to a system

**stepname**

Name of a step within a job

**ddname**

The data definition name

**System action**

The system waits for the operator to reply either RETRY or CANCEL.

**Operator response**

No opens or closes can be processed while backup is in progress. Wait for backup processing to complete, then enter RETRY to continue or CANCEL to cancel the action. If the operator enters RETRY, recording is retried. If the backup process has not completed, DFSMSrmm retries the request five more times at one minute intervals before again issuing a write-to-operator message.

<b>If the action is</b>	<b>Then</b>
CLOSE or EOV	When you reply CANCEL, updates to the control data set made at CLOSE or EOV time are not completed. This results in missing information in the control data set.
OPEN or LABEL	When you reply CANCEL, DFSMSrmm fails the job when DFSMSrmm is running in PROTECT mode. In WARNING or RECORD-ONLY mode, processing continues.

**System programmer response**

If the operator entered CANCEL, advise your tape librarian or storage administrator that DFSMSrmm control data set entries might be incomplete.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

1,3

**Descriptor code**

2

**EDG4011I**

**VOLUME *volser* HAS A SECURITY CLASS NUMBER *security\_number* WHICH IS NO LONGER DEFINED TO DFSMSrmm**

## Explanation

The specified volume has a security level that does not match any existing SECCLS definition NUMBER value.

In the message text:

***volser***

Volume serial number

***security\_number***

A number defining a security classification

## System action

Processing continues with the lowest available security level used for the specified volume.

## Operator response

Report the message to the system programmer.

## System programmer response

Check to see that the security class definitions are correct, and if not, correct them. If the listed security level is no longer required, change the volume security level to one that is more appropriate.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4012D**

**DFSMSrmm INACTIVE FOR *action volser* BY *jobname, procname, stepname, ddname*; ENTER "RETRY", "CANCEL" OR "CONTINUE"**

## Explanation

DFSMSrmm issues this message when the DFSMSrmm subsystem is not started. When the DFSMSrmm subsystem is started, DFSMSrmm automatically replies to the message so there is no need for an operator reply. DFSMSrmm issues this message once for each system. The subsystem interface is initialized but the DFSMSrmm subsystem is not active. Before DFSMSrmm can validate a mounted volume, or record an open or close of a volume, the DFSMSrmm subsystem must be started and remain active.

In the message text:

***action***

Indicates the function being attempted on the tape volume which can be: OPEN or CLOSE.

***volser***

The volume serial number requested in the user's JCL.

***jobname***

The job name of the job requesting the tape.

**procname**

A procedure name is provided if it is available.

**stepname**

The name of the current job step being processed by the system.

**ddname**

The name of the data set allocated for the current tape volume.

**System action**

The system prompts the operator to reply RETRY, CANCEL, or CONTINUE. If the operator enters RETRY, validation and recording is retried. If the operator enters CANCEL, DFSMSrmm requests that open processing or close processing fails the request. If the request cannot be failed, DFSMSrmm abnormally ends the request. The ABEND code is F13 for an OPEN request and F14 if the request is for CLOSE.

If the operator enters CONTINUE during OPEN processing, DFSMSrmm issues EDG4007I and the volume is rejected. DFSMSrmm rejects the volume even after DFSMSrmm is active when you reply CONTINUE during OPEN processing. The MVS mount message is then reissued. For OPEN processing the difference between replying RETRY and CONTINUE is that the volume is rejected if the reply is CONTINUE. Unless DFSMSrmm is started, OPEN processing is never permitted to complete.

If the operator enters CONTINUE during CLOSE processing, DFSMSrmm allows the CLOSE to complete. The information in the control data set might not be correct if the CLOSE completes.

If you want to run tape processing without DFSMSrmm being active, use the DFSMSrmm EDGRESET utility to remove DFSMSrmm from the system and then reply RETRY. To use the EDGRESET utility enter the 'S DFRMM,OPT=RESET' operator command. You need special authorization to request the reset. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for authorization details.

**Operator response**

No tape activity is allowed when DFSMSrmm is inactive. To allow tape activity, perform one of the following actions:

- Start the DFSMSrmm subsystem. DFSMSrmm automatically replies to the WTOR and validates the volume and records volume information.
- Reply CONTINUE to continue.
- Reply CANCEL to cancel the action.

**System programmer response**

If the operator replies CONTINUE, advise the tape librarian or storage administrator that the activity might not have been recorded in the DFSMSrmm control data set. See [z/OS DFSMSrmm Implementation and Customization Guide](#).

**Source**

DFSMSrmm

**Module**

EDGOEXT

**Routing code**

1,3

**Descriptor code**

2

## Explanation

DFSMSrmm intercepted a mount request for a specific volume. The volume is probably not currently in the library. DFSMSrmm issues this message to provide DFSMSrmm location information to help the operator locate the volume.

Any null field in the message indicates that DFSMSrmm has no information for that value.

In the message text:

**dev**

The tape device number on which the volume is to be mounted.

**volser**

The volume serial number.

**jobname**

The name of a job identified to a system.

**procname**

The name of the procedure.

**stepname**

The name of the step within a job.

**rack**

The external identifier or rack number for the volume.

**location**

The current location for the volume.

**loc\_bin**

The shelf location for the volume in the current location.

**destination**

The location to which the volume is moving.

**dest\_bin**

The shelf location for the volume in the named destination.

**loan\_location**

The location where the volume is on loan.

## System action

Processing continues.

## Operator response

Use the information in the message to determine where the volume is located and retrieve it. If you cannot retrieve the volume for mounting, you might need to cancel the job.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGWTOX



## Routing code

3,5

## Descriptor code

2,7

---

**EDG4014E**

**ERROR DURING DISPOSITION CONTROL PROCESSING.  
CHANGEVOLUME *volser operands* HAS FAILED. RETURN CODE  
*return\_code* REASON CODE *reason\_code***

## Explanation

During disposition processing, DFSMSrmm attempted either to change a volume location or to confirm movement to a location. The DFSMSrmm TSO subcommand displayed in the message cannot be executed.

In the message text:

### ***volser***

The volume serial number.

### ***operands***

Can be one of the following:

**LOANLOC(*loc\_name*)**

**LOCATION(*loc\_name*)**

**CMOVE**

Where the *loc\_name* is a name of a storage, library, or loan location to which the volume was requested to be moved.

### ***return\_code***

An internal DFSMSrmm value returned indicating the results of processing.

### ***reason\_code***

An internal DFSMSrmm value returned indicating the results of processing.

## System action

Disposition control processing fails.

## Operator response

Contact your system programmer.

## System programmer response

Note the subcommand identified by the message text and reissue it in a TSO or batch environment using the same or another user ID. If the command fails again, use the message issued by command processing to determine the cause of the error and correct it. If you are unable to determine the reason for the EDG4014E message, report the error to the IBM Support Center with the full text of the error message.

## Source

DFSMSrmm

## Module

EDGOECM

## Routing code

-

## Descriptor code

-

**EDG4015D**

**SUBSYSTEM INTERFACE INACTIVE FOR OPEN *volser* BY *jobname*,  
*procname*, *stepname*, *ddname*; ENTER "CANCEL", "REJECT", OR  
"RETRY" AFTER FIXING PROBLEM.**

### Explanation

DFSMSrmm issues this message when the DFSMSrmm subsystem interface is not initialized, if the DFSMSrmm subsystem (started task) is active. DFSMSrmm issues this message once for each system. Before DFSMSrmm can validate a mounted volume, or record an open of a volume, the DFSMSrmm subsystem interface must be initialized and remain active.

In the message text:

#### ***volser***

The volume serial number requested in the user's JCL.

#### ***jobname***

The job name of the job requesting the tape.

#### ***procname***

A procedure name is provided if it is available.

#### ***stepname***

The name of the current job step being processed by the system.

#### ***ddname***

The name of the data set allocated for the current tape volume.

### System action

The system prompts the operator to CANCEL, REJECT or RETRY.

If the operator enters RETRY, validation and recording is retried. Before replying RETRY, activate the DFSMSrmm subsystem interface, ensuring that the RMM subsystem is enabled in the IEFSSNxx member, and has INITRTN(EDGSSSI) specified, and issuing the operator command such as SETSSI ACTIVATE, SUBNAME=DFRM. The subsystem can be dynamically added using the operator command such as SETSSI ADD, SUBNAME=DFRM, INITRTN=EDGSSSI. To completely remove the DFSMSrmm subsystem instead, shutdown the RMM started task using the P DFRMM operator command.

If the operator enters CANCEL, DFSMSrmm requests that open processing fails the request. If the request cannot be failed, DFSMSrmm abnormally ends the request. The ABEND code is F13.

If the operator enters REJECT, DFSMSrmm issues EDG4017I and the volume is rejected. The MVS mount message is then reissued. The difference between replying RETRY and REJECT is that the volume is rejected if the reply is REJECT. Unless either DFSMSrmm subsystem interface is activated or the DFSMSrmm subsystem is stopped, OPEN processing is never permitted to complete.

### Operator response

When the RMM subsystem is enabled, no tape activity is allowed when DFSMSrmm subsystem interface is inactive. To allow tape activity, perform the following action:

- Activate the DFSMSrmm subsystem interface and then reply RETRY

Or

Stop the RMM subsystem (started task) and then reply RETRY



If the operator enters CANCEL, DFSMSrmm requests that close processing fails the request. If the request cannot be failed, DFSMSrmm abnormally ends the request. The ABEND code is F14.

If the operator enters CONTINUE, DFSMSrmm allows the CLOSE to complete. The information in the control data set might not be correct if the CLOSE completes.

## Operator response

When the RMM subsystem is enabled, no tape activity is allowed when DFSMSrmm subsystem interface is inactive. To allow tape activity, perform the following action:

- Activate the DFSMSrmm subsystem interface and then reply RETRY
- Or
- Disable the RMM subsystem (started task) and then reply RETRY
- Reply CONTINUE to continue
- Reply CANCEL to cancel the action

## System programmer response

If the operator replies CONTINUE, advise the tape librarian or storage administrator that the activity might not have been recorded in the DFSMSrmm control data set. See the z/OSDFSMSrmm Implementation and Customization Guide.

## Source

DFSMSrmm

## Module

EDGOCEXT

## Routing code

1,3

## Descriptor code

3

---

**EDG4017I**

**THE DFSMSrmm SUBSYSTEM INTERFACE IS NOT ACTIVE, USE OF  
*volser* BY *jobname*, *procname*, *stepname*, *ddname* REJECTED.**

## Explanation

Requests for tape mounts are rejected. The subsystem interface is down. Before tapes can be processed, the DFSMSrmm subsystem interface must be initialized and remains active.

In the message text:

### ***volser***

Volume serial number.

### ***jobname***

Name of a job identified to a system.

### ***procname***

Name of a procedure name and is provided when available.

### ***stepname***

Name of a step within a job.

**ddname**

The data definition name.

**System action**

The current tape request is rejected.

**Operator response**

Stop the initiators for batch jobs using tape and do not mount any tapes until the DFSMSrmm subsystem interface activates.

**System programmer response**

Ensure that DFSMSrmm is installed correctly and start the DFSMSrmm subsystem.

**Source**

DFSMSrmm

**Module**

EDGXOMSG

**Routing code**

1,3,11

**Descriptor code**

2

---

**EDG4020I****VOLUME *volser* REJECTED BY INSTALLATION REJECT DEFINITIONS****Explanation**

The specified volume cannot be used on this system because the volume prefix matches one or more REJECT prefixes defined for the installation.

In the message text:

***volser***

Volume serial number

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

Check that the *volser* and the REJECT prefixes are correct.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4021I** **VOLUME *volser* REJECTED. IT IS NOT IN AN ACCEPTABLE SCRATCH POOL, *rtype=rvalue* REQUESTED *mtype=mvalue* MOUNTED**

## Explanation

DFSMSrmm found that the specified volume serial number is not assigned to an acceptable scratch pool. Only scratch tapes from acceptable pools can be used for scratch tape mounts, so this volume is rejected. DFSMSrmm indicates in the mount message what caused the volume to be rejected.

In the message text:

### ***volser***

Volume serial number.

### ***rtype***

Indicates how a scratch pool is selected. One of the following:

<b>When <i>rtype</i> is</b>	<b>Then</b>
PREFIX	A specific scratch pool is selected by the DFSMSrmm EDGUX100 installation exit.
POOL	A system specific pool is selected based on VLPOOL definitions.
SGNAME	A scratch pool is selected using a storage group name as part of SMS ACS processing.

### ***rvalue***

Indicates the value associated with the requested *rtype*. One of the following:

<b>When <i>rtype</i> is</b>	<b>Then</b>
PREFIX	<i>rvalue</i> is the VLPOOL prefix selected by the DFSMSrmm EDGUX100 installation exit.
POOL	<i>rvalue</i> is the VLPOOL prefix selected by DFSMSrmm system-based pooling. If there is no system-specific pool, the value is NONE.
SGNAME	<i>rvalue</i> is the storage group name selected by SMS ACS processing.

### ***mtype***

Indicates the scratch pool for the mounted volume. One of the following:

When mtype is	Then
PREFIX	The volume is pooled based on pool prefix.
RACK	The volume is in a non-scratch VLPOOL.
SGNAME	The volume is in a pool based on storage group. The volume has a storage group name or the volume has no storage group name but is in a VLPOOL assigned to a storage group by name.

### ***mvalue***

Indicates the scratch pool associated with the mounted volume. One of the following:

When mtype is	Then
PREFIX	<i>mvalue</i> is the VLPOOL prefix which matches the mounted volume serial number.
RACK	<i>mvalue</i> is the VLPOOL prefix.
SGNAME	<i>mvalue</i> is the storage group name for the mounted volume.

### **System action**

If you are running DFSMSrmm in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If you are running DFSMSrmm in protect mode, DFSMSrmm issues message EDG4005E or message EDG4006E.

### **Operator response**

None

### **System programmer response**

If you are using the DFSMSrmm EDGUX100 installation exit to implement exit-based scratch pools, check that the implementation steps have been correctly followed. Otherwise use the information in the message to determine why the volume is rejected. You need to consider how a scratch pool is selected; by SMS ACS processing, EDGUX100 installation exit, or by DFSMSrmm system-based pooling. You can use the RMM LISTCONTROL VLPOOLS subcommand to list the pool definitions. If the volume was incorrectly rejected because of incorrect installation options, update the DFSMSrmm start up options and restart DFSMSrmm.

### **Source**

DFSMSrmm

### **Module**

EDGSOCE

### **Routing code**

2, 3, 11

### **Descriptor code**

3

**Explanation**

A scratch mount has been issued on a system for which there is one or more specific scratch pools defined to DFSMSrmm. The named volume is not in the system's scratch tape pool. Only a volume from the system's scratch tape pool can be accepted.

In the message text:

***volser***

Volume serial number

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

If the volume has been correctly rejected, no action is necessary. If the volume was incorrectly rejected because of incorrect or incomplete installation options, update the DFSMSrmm start up options and restart DFSMSrmm.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

**Explanation**

The specified volume cannot be used on an MVS system. The use value for the volume was set to use the volume on a VM system only.

In the message text:

***volser***

Volume serial number



## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## Operator response

None.

## System programmer response

If the volume was correctly rejected, no action is necessary. If the volume was rejected in error because of incorrect information in the DFSMSrmm control data set, use the RMM CHANGEVOLUME subcommand with the USE operand to change the volume use value.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4024I**

**VOLUME *volser* REJECTED. BLP OUTPUT IS NOT PERMITTED TO  
SCRATCH OR MASTER VOLUMES**

## Explanation

Bypass label processing (BLP) is being used to write data to a master or scratch tape volume. This is only allowed on volumes that are in USER status when the DFSMSrmm EDGRMMxx OPTION command BLP(RMM) operand is specified.

In the message text:

### ***volser***

Volume serial number

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## Operator response

None.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume was rejected in error because the DFSMSrmm control data set information was incorrect, update the DFSMSrmm control data set with correct

STATUS information. If bypass label processing is required, either change the volume status to USER, or consider using the installation option BLP(NORMM).

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

---

**EDG4025I**

**VOLUME *volser* REJECTED. READING OF SCRATCH VOLUMES OR  
VOLUMES OBTAINED WITH GETVOLUME IS NOT PERMITTED**

**Explanation**

The specified volume serial number is either a scratch volume or a scratch volume obtained using the RMM GETVOLUME subcommand. The volume cannot be used for input processing unless you write the first file.

In the message text:

***volser***

Volume serial number

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I.

If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect information in the DFSMSrmm control data set, update the DFSMSrmm control data set.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

## Descriptor code

3

**EDG4026I**

**VOLUME *volser* REJECTED. FIRST FILE HDR1 NAME *hdr1\_info* DOES NOT MATCH RECORDED NAME *first\_dsname***

## Explanation

The DFSMSrmm control data set has a different data set name for the first file on the volume. If DFSMSrmm is operating in warning mode, the *volser* in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is not operating in warning mode, DFSMSrmm issues message EDG4005E or EDG4006E.

In the message text:

### ***volser***

The volume serial number.

### ***first\_dsname***

The data set name recorded by DFSMSrmm for the volume first file.

### ***hdr1\_info***

The information from the volume HDR1. It can be one of the following values:

- '\*\*\*NOHDR1\*\*\*' when there is no HDR1 information.
- The last 17 characters of the data set name from the volume HDR1 label, if IBM standard labels (SL) are being used or if ISO/ANSI labels (AL) are being used and the volume first file is a non-GDG.
- The last 17 characters of the data set name from the volume HDR1 label and a GDG suffix, if ISO/ANSI labels (AL) are being used and the volume first file is a GDG.

## System action

If DFSMSrmm is operating in warning mode, the *volser* in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## Operator response

Use the LABEL procedure to verify the volume label and the header labels for the first file. Use the SCAN VOLUME(*volser*) response to see the label information on the console.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect information in the DFSMSrmm control data set, the CDS needs to be corrected:

- If the data on the volume was written while DFSMSrmm was not active, or created on another system where DFSMSrmm had no knowledge of the volume, the volume data may be valid or not.
- If the data on the tape is valid, update the volume status to MASTER.
- If the data on the tape is not valid, issue the following command to allow DFSMSrmm to use the volume:

```
RMM CHANGEVOLUME volser -  
INIT(Y)
```

Then execute EDGINERS for the volume.

- If the volume has been initialized with a utility other than DFSMSrmm EDGINERS, correct the DFSMSrmm information in the control data set with the following command:

```
RMM CHANGEVOLUME volser -  
INIT(Y) CONFIRMRELEASE(INIT)
```



## Routing code

2,3,11

## Descriptor code

3

---

**EDG4028I**

**VOLUME *volser* REJECTED. VOLUMES WITH NON STANDARD LABELS ARE NOT SUPPORTED**

## Explanation

While processing an open request for a tape volume, DFSMSrmm detected a volume with a nonstandard label.

In the message text:

### ***volser***

Volume serial number

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## Operator response

None.

## System programmer response

If a nonstandard label volume must be used, bypass label processing could be used to read the volume. Otherwise, do not define the volume to DFSMSrmm.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4029I**

**VOLUME *volser* REJECTED. DATA SET NAME DOES NOT MATCH FOR A RECORDED VOLUME**

## Explanation

The data set name does not match information recorded in the DFSMSrmm control data set during previous I/O operations. The data set names must match for input from a recorded volume. Because they do not match, the data set cannot be read and the specified volume is rejected.

In the message text:

**volser**

Volume serial number

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

Recheck the data set names. If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect or incomplete DFSMSrmm control data set information, update the DFSMSrmm control data set.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

---

**EDG4030I****VOLUME *volser* REJECTED. THE DESTRUCTION OF STANDARD LABELS IS NOT PERMITTED****Explanation**

There is a label conflict with the volume because the volume contains only standard labels, and the current request is for an unlabeled volume. DFSMSrmm only supports the destruction of standard labels, either while a volume is in USER status, or when you have the correct access to the STGADMIN.EDG.NOLABEL.volser security profile in FACILITY class. If your installation controls this function using RACF security profiles, an ICH408I message is issued prior to this message and displays the resource name involved, the required access, and your permitted access.

In the message text:

**volser**

Volume serial number

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, the volume is demounted. Message EDG4005E or EDG4006E is issued after this message to describe the system action taken.

## Operator response

See the operator response for the message EDG4004I, EDG4005E, or EDG4006E issued after this message.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect information in the DFSMSrmm control data set, update the DFSMSrmm control data set with the correct status for the volume. If the volume was rejected because the user does not have the correct level of access to the STGADMIN.EDG.NOLABEL.volser resource in FACILITY class, and the user should be authorized, permit the user to access the resource. ALTER access is required for non-specific requests and UPDATE access for specific volume requests.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

<b>EDG4031I</b>	<b>VOLUME <i>volser</i> REJECTED. THE CREATION OF STANDARD LABELS IS NOT PERMITTED</b>
-----------------	--

## Explanation

There is a label conflict with the specified volume. The current request is for standard labels and this volume contains none. DFSMSrmm only supports the creation of standard labels, either while a system-managed volume is in USER status, or when you have the correct access to the STGADMIN.EDG.LABEL.volser security profile in FACILITY class. If your installation controls this function using RACF security profiles, an ICH408I message is issued prior to this message and provides the resource name involved, the required access, and your permitted access. For non-system-managed volumes, when the mounted volume contains no labels, the creation of standard labels is never permitted regardless of the volume status USER or the correct access to the STGADMIN.EDG.LABEL.volser security profile.

In the message text:

### ***volser***

Volume serial number

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, the volume is demounted. Message EDG4005E or EDG4006E is issued after this message to describe the system action taken.

## Operator response

See the operator response for the message EDG4004I, EDG4005E, or EDG4006E issued after this message.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect or incomplete DFSMSrmm control data set information, update the DFSMSrmm control data set with the correct volume status. If the volume was rejected because the user does not have the correct level of access to the STGADMIN.EDG.LABEL.volser resource in FACILITY class, and the user should be authorized, permit the user to access the resource. ALTER access is required for non-specific requests and UPDATE access for specific volume requests.

### Source

DFSMSrmm

### Module

EDGSOCE

### Routing code

2,3,11

### Descriptor code

3

---

**EDG4032I** **VOLUME *volser* REJECTED. IT HAS EXPIRED AND IS PENDING RELEASE**

### Explanation

The volume *volser* has expired and is pending release.

In the message text:

#### ***volser***

Volume serial number

### System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

### Operator response

None.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume should be reclaimed, you can use the RMM CHANGEVOLUME subcommand with the EXPDT or RETPD operands to set a new expiration date or retention period.

### Source

DFSMSrmm

### Module

EDGSOCE



## Routing code

2,3,11

## Descriptor code

3

---

**EDG4033I**

**VOLUME *volser* REJECTED. THE VOLUME IS WAITING TO BE REINITIALIZED**

## Explanation

The specified volume must be initialized before it can be used.

In the message text:

### ***volser***

Volume serial number

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## Operator response

None.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect or incomplete DFSMSrmm control data set information, update the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4034I**

**VOLUME *volser* REJECTED. IT IS FROM ANOTHER SYSTEMS SCRATCH POOL**

## Explanation

The specified volume cannot be accepted because it is from another system's scratch pool. Only a volume from this system's scratch pool or a generic pool can be mounted.

In the message text:

**volser**

Volume serial number

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

If the volume has been correctly rejected, no action is necessary. If the volume was incorrectly rejected because of incorrect installation options, update the DFSMSrmm start up options and restart DFSMSrmm.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

---

**EDG4035I**

**VOLUME *volser* REJECTED. VOLUME IS SCRATCH AND OUTPUT NOT TO FIRST FILE**

**Explanation**

For scratch volumes, data sets on the volume must be written in sequence. The first file must be written to first. The request was rejected because the file that was being written was not the first file on the volume.

In the message text:

**volser**

Volume serial number

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect DFSMSrmm control data set information, update the DFSMSrmm control data set.

### Source

DFSMSrmm

### Module

EDGSOCE

### Routing code

2,3,11

### Descriptor code

3

---

<b>EDG4036I</b>	<b>VOLUME <i>volser</i> REJECTED. REQUEST WAS FOR A SPECIFIC SCRATCH VOLUME</b>
-----------------	---

### Explanation

The requested volume is a scratch volume and cannot be specifically requested by name. However, a personal volume can be obtained using the DFSMSrmm GETVOLUME subcommand, or by removing the 'VOL =' parameter in the JCL.

In the message text:

#### ***volser***

Volume serial number

### System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

### Operator response

None.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect DFSMSrmm control data set information, update the DFSMSrmm control data set.

### Source

DFSMSrmm

### Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4037I**

**VOLUME *volser* REJECTED. FILE BEING CREATED DOES NOT FOLLOW  
LAST FILE RECORDED**

## Explanation

The data set created on the specified output volume does not follow the last data set recorded in the DFSMSrmm control data set. The data sets must be recorded in sequence. The information recorded by DFSMSrmm might be incorrect, or the request might not be valid because intervening data sets have not yet been written.

In the message text:

### ***volser***

Volume serial number

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## Operator response

None.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect DFSMSrmm control data set information, update the DFSMSrmm control data set, using known information for the data sets that have not yet been recorded by DFSMSrmm. If this message is accompanied by system completion code F13, see [\*z/OS DFSMSrmm Implementation and Customization Guide\*](#) for more information.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4038I**

**VOLUME *volser* REJECTED. ATTEMPT TO READ FILE THAT HAS NOT YET  
BEEN RECORDED**

## Explanation

While opening the specified volume, DFSMSRmm found that information for the data set being read is not available. The reason DFSMSRmm might not have found the information is:

- The information recorded by DFSMSRmm could be incorrect because the tape was created on another system.
- The request might not be valid because the data set was never created.
- The data set might be on a subsequent volume in a multivolume set.

DFSMSRmm issues EDG4038I when a request is made to read a data set on a multivolume set and the volume that is mounted does not contain the data set. The volume is correctly rejected as not having the data set recorded on it. When the correct volume is mounted, RMM does not reject the volume.

In the message text:

### ***volser***

Volume serial number

## System action

If DFSMSRmm is operating in warning mode, the volume specified in this message can be used and DFSMSRmm issues message EDG4004I. If DFSMSRmm is operating in protect mode, DFSMSRmm issues message EDG4005E or EDG4006E.

If a subsequent volume in the multivolume set can be used to satisfy the request, DFSMSRmm does not fail the request and allows the next volume in sequence to be requested. DFSMSRmm continues to process volumes until the correct volume is found or until all specified volumes have been processed.

## Operator response

None.

## System programmer response

If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect or incomplete DFSMSRmm control data set information, update the DFSMSRmm control data set with known information for data sets that exist on the volume.

## Source

DFSMSRmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4040I**

**VOLUME *volser*, PREVIOUS IN SEQUENCE TO *prev\_volser*, NOT  
MANAGED BY DFSMSRmm, *jobname*, *stepname*, *ddname*;**

## Explanation

While recording information about the volume being processed, DFSMSRmm found that the volume was part of a multiple volume sequence, and that the previous volume in the sequence was not managed by DFSMSRmm.

In the message text:

***volser***

Volume serial number

***prev\_volser***

The previous volume in a multiple volume sequence

***job\_name***

Name of a job identified to a system

***stepname***

The name of a job step

***ddname***

The data definition name

**System action**

Processing continues

**Operator response**

The message is for information only, but it can indicate that a volume that should be managed by DFSMSrmm is not yet defined to DFSMSrmm.

**System programmer response**

If the volume should be managed by DFSMSrmm, define it to DFSMSrmm.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

---

**EDG4041I**

**VOLUME *volser* REJECTED, DATA SET NAME DOES NOT MATCH FOR A MASTER VOLUME**

**Explanation**

The data set name specified does not match information recorded in the control data set. For output to a master volume, the data set names must match. Because they do not match, the data set is not overwritten and the specified *volser* is rejected.

In the message text:

***volser***

Volume serial number

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## Operator response

None.

## System programmer response

Recheck the data set names. If the volume has been correctly rejected, no action is necessary. If the volume was rejected because of incorrect DFSMSrmm control data set information, update the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4042I**

**VOLUME REJECTED. NL OR NSL VOLUME NOT SUPPORTED FOR A NON-SPECIFIC REQUEST**

## Explanation

A non-specific tape mount, either SCRTCH or PRIVAT, was issued.

- SCRTCH is used if the data set being created on the non-specific volume is temporary. That is when DISP=(NEW,DELETE) or when DSN=&&tempname.
- PRIVAT is used for all other cases of non-specific volumes.

The operator has mounted a volume with no label or a nonstandard label. DFSMSrmm does not permit volumes with these label types to satisfy non-specific requests. Only volumes with label types SL or AL are accepted.

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## Operator response

None.

## System programmer response

Determine if this is a valid occurrence.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

---

**EDG4044I****VOLUME *volser* REJECTED. VOLUME SERIAL NUMBER AND RACK NUMBER DO NOT MATCH FOR VOLUME IN SYSTEM MANAGED LIBRARY****Explanation**

A volume selected for use within a system managed library has a rack number different from the volume serial number. In a system managed library, the rack number is used as the external volume serial number; the Tape Library Dataserver restricts use of volumes to those with identical internal and external volume serial numbers.

In the message text:

***volser***

Volume serial number

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

Remove the volume from the system managed library or assign a rack number that matches the volume serial number. You might have to eject the volume to verify the correct volume is in the system managed library or validate the volume internal label.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11



## Descriptor code

3

---

**EDG4045I**

**VOLUME *volser* REJECTED. ERROR RETRIEVING VOLUME  
INFORMATION FROM THE VOLUME CATALOG**

## Explanation

A volume selected for use within a system-managed library has a record in the volume catalog, but DFSMSrmm was unable to retrieve the information.

In the message text:

### ***volser***

Volume serial number

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## Operator response

None.

## System programmer response

There is an error in the volume catalog that must be corrected before this volume can be successfully used.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4046I**

**VOLUME *volser* REJECTED. VOLUME NOT AUTHORIZED FOR USE  
OUTSIDE OF DFSMSrmm CONTROL**

## Explanation

The DFSMSrmm EDGUX100 installation exit has requested that DFSMSrmm ignore this volume. The user must be authorized to request that the specified volume be ignored. The user was not authorized and the request failed.

Message EDG4046I can be accompanied by an ICH408I message that explains the reason for the authorization failure. If the ICH408I message is not issued, the most likely cause for the error is that there is no security profile defined for ignore processing. When there is no profile, DFSMSrmm does not allow a volume to be ignored. You should add one or more security profiles to ensure the correct authorization.

In the message text:

***volser***

The volume serial number of the volume that the user is attempting to use.

### **System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

### **Operator response**

None.

### **System programmer response**

If the volume should be ignored, define the RACF resource STGADMIN.EDG.IGNORE.TAPE.*volser*, STGADMIN.EDG.IGNORE.TAPE.NORMM.*volser*, or STGADMIN.EDG.IGNORE.TAPE.RMM.*volser* and authorize the user. Refer to [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on authorizing users.

### **Source**

DFSMSrmm

### **Module**

EDGOECM

### **Routing code**

2,3

### **Descriptor code**

3

---

**EDG4047I** **VOLUME *volser* IGNORED. IGNORE REQUESTED BY INSTALLATION EXIT**

### **Explanation**

The DFSMSrmm EDGUX100 installation exit has requested that this volume be ignored, by DFSMSrmm. DFSMSrmm does not record any information about the specified volume and permits the volume's use. This is because the user is authorized to request that the volume be ignored or DFSMSrmm is running in record or warning mode.

In the message text:

***volser***

This is the volume serial number of the volume the user is attempting to use.

### **System action**

DFSMSrmm ignores this volume while it remains mounted. DFSMSrmm does not validate the mounted volume and does not record any information about the current tape usage in the DFSMSrmm control data set.

### **Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGOECM

**Routing code**

2,3

**Descriptor code**

3

---

**EDG4048I****VOLUME *volser* REJECTED. MOUNTED VOLUME DOES NOT EQUAL  
REQUESTED VOLUME****Explanation**

A request for bypass label processing was made for a specific volume serial number. The volume mounted for use has a different volume serial number, and at least one of the volumes is managed by DFSMSrmm. DFSMSrmm only allows the mounted and requested volumes to be different if neither volume serial number is defined to DFSMSrmm.

In the message text:

***volser***

This is the volume serial number of the volume that was mounted for use.

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3

**Descriptor code**

3

---

EDG4049I

**VOLUME *volser* REJECTED. OPERATOR REQUESTED "CANCEL"  
FOLLOWING FAILURE OF INSTALLATION EXIT**

### **Explanation**

Processing of an OPEN request for a tape volume has failed because of a failure in an DFSMSrmm installation exit. The operator canceled the current request.

In the message text:

***volser***

This is the volume serial number of the volume that was mounted for use.

### **System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

### **Operator response**

None.

### **System programmer response**

None.

### **Source**

DFSMSrmm

### **Module**

EDGIX100

### **Routing code**

2,3

### **Descriptor code**

3

---

EDG4050I

**VOLUME *volser* REJECTED. IT IS NOT EQUAL TO THE VOLUME  
REQUESTED.**

### **Explanation**

There is a label conflict with the volume because the volume mounted is not the volume requested.

In the message text:

***volser***

Mounted volume serial number

### **System action**

If DFSMSrmm is running in warning mode, the specified volume can be used. If DFSMSrmm is operating in protect mode, the volume is demounted. DFSMSrmm issues message EDG4005E or EDG4006E after this message to describe the system action taken.

## Operator response

Mount the requested volume.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3

## Descriptor code

3

---

**EDG4051I**

**VOLUME *volser* REJECTED. INSTALLATION OPTION PREVENTS  
OVERWRITE OF FILES ON MASTER VOLUMES**

## Explanation

The current request is to open an existing tape data set for output. Although you have specified the correct data set name, the installation option MASTEROVERWRITE(ADD) prevents existing data sets from being overwritten. The installation option allows you to either extend the current last data set on a volume or to add a new data set to the volume.

In the message text:

### ***volser***

Volume serial number

## System action

If DFSMSrmm is running in warning mode, the volume is used and DFSMSrmm issues EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm rejects the volume and issues message EDG4005E or EDG4006E.

## Operator response

See the operator response for message EDG4004I or EDG4005E that DFSMSrmm issues after this message.

## System programmer response

Ensure that the tape request specifies either a data set sequence number in the JCL higher than those of the existing data sets on the volume. You might also change the JCL to specify DISP=MOD for the last data set on the volume or ensure that the application opens the data set with an option equivalent to MOD such as for INOUT processing. If the volume was rejected because of incorrect DFSMSrmm control data set information, update the DFSMSrmm control data set.

## Source

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3

**Descriptor code**

3

---

**EDG4052I****VOLUME *volser* REJECTED. INSTALLATION OPTION ALLOWS UPDATE  
OF ONLY THE LAST FILE ON MASTER VOLUMES****Explanation**

The current request is to open an existing tape data set for output. The tape data set is not the last one recorded on the volume. Although you have specified the correct data set name, the installation options specified in the DFSMSrmm parmlib, MASTEROVERWRITE(LAST) and MASTEROVERWRITE(ADD) allow only the last data set to be used for output.

In the message text:

***volser***

Volume serial number

**System action**

If DFSMSrmm is running in warning mode, the *volser* is used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm rejects the volume and issues message EDG4005E or EDG4006E.

**Operator response**

See the operator response for message EDG4004I or EDG4005E that DFSMSrmm issues after this message.

**System programmer response**

Ensure that the tape request specifies either a data set sequence number in the JCL higher than or equal to the last recorded data set on the volume. If the volume was rejected because of incorrect DFSMSrmm control data set information, update the DFSMSrmm control data set.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3

**Descriptor code**

3

**Explanation**

The data set name recorded on the volume for the first file must match the information recorded by DFSMSrmm in the control data set for the specified volume. The first file information on the volume could not be read due to an I/O error.

In the message text:

***volser***

Volume serial number

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

Re-run the job using another tape drive.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

**Explanation**

DFSMSrmm issues this message during CLOSE or EOVS disposition processing. The parmlib option DISPDDNAME initiates this processing when a matching DD name is found at CLOSE or EOVS time.

In the message text:

***drive\_number***

The 4-digit device number of the tape drive on which the volume was written.

***volser***

The 6-character volume serial number.

***volseq***

The 4-digit volume sequence number.

**(location)**

The location to which the volume is to be moved, enclosed in parentheses. This value, which can include up to 8 characters, is only included if a location is assigned.

**message\_text**

The message text, as provided in the disposition control file.

**System action**

Processing continues

**Operator response**

Use your local operational procedures to decide what to do for this message.

**System programmer response**

Ensure you have local procedures that address how your operators should respond to this message.

**Source**

DFSMSrmm

**Routing code**

13

**Descriptor code**

3

---

**EDG4055I****VOLUME *volser* REJECTED. WWID *WWID\_read* FOR VOLUME DOES NOT MATCH RECORDED VALUE *WWID\_rec*****Explanation**

The information previously recorded by DFSMSrmm for the specified volume does not match the current information recorded on the volume.

In the message text:

- *WWID\_read* is the worldwide unique cartridge ID for the WORM volume being processed. The value is provided to the system from the mounted volume.
- *WWID\_rec* is the worldwide unique cartridge ID for the WORM volume as previously recorded by DFSMSrmm. The value is recorded by DFSMSrmm on the first use of the volume and must match all subsequent uses of the volume.

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used, the worldwide unique cartridge ID is corrected, and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**System programmer response**

If the volume has been correctly rejected no action is necessary. If the volume has been rejected because of incorrect information in the DFSMSrmm control data set then update the DFSMSrmm control data set. Once DFSMSrmm has recorded, or you have defined, a worldwide unique cartridge ID for a volume it cannot be changed by command. If the value is incorrect in DFSMSrmm you can correct the information.



To correct the information, first display data set information for the volume and save that information. Next issue the RMM DELETEVOLUME subcommand to remove the volume information followed by the RMM ADDVOLUME subcommand to add volume information. Finally add back the saved data set information. Alternatively, you can use the REPLACE release action and DFSMSrmm will clear the volume information when you confirm the replace action during release processing. The next time the volume is used DFSMSrmm will record the correct write mount count and worldwide unique cartridge ID values.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3,7

---

**EDG4056I**

**VOLUME *volser* REJECTED. WRITE MOUNT COUNT *count\_value\_read*  
FOR VOLUME DOES NOT MATCH RECORDED VALUE *count\_value\_rec***

## Explanation

The information previously recorded by DFSMSrmm for the specified volume does not match the current information recorded on the volume.

In the message text:

- *count\_value\_read* is the Write Mount Count for the WORM volume being processed. The value is provided to the system from the mounted volume.
- *count\_value\_rec* is the Write Mount Count for the WORM volume as previously recorded by DFSMSrmm. The value is recorded by DFSMSrmm on the first use of the volume, incremented for each mount for output, and must match all subsequent uses of the volume.

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used, the write mount count is corrected, and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

## System programmer response

If the volume has been correctly rejected no action is necessary.

The write mount count might be incorrect if the data on the volume was written while DFSMSrmm was not active, or created on another system where DFSMSrmm did not have knowledge of the volume.

To correct the information issue the RMM CHANGEVOLUME subcommand with WMC(0) and the correct value will be recorded the next time the volume is used. Alternatively, you can use the REPLACE release action and DFSMSrmm will clear the volume information when you confirm the replace action during release processing. The next time the volume is used DFSMSrmm will record the correct write mount count and worldwide unique cartridge ID values.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3,7

---

**EDG4057I** **EDG\_EXIT300 SUPPLIED MEDIA INFORMATION FOR VOLUME VOLSER**  
***volser* INCONSISTENT. MEDINF *medinf* MEDIATYPE *media\_type***  
**RECORDINGFORMAT *recording\_format***

## Explanation

The EDGUX300 installation exit was called for a non IBM media provided values for media type and recording format, that are not defined in your installation for the media information name assigned to the volume.

In the message text:

### ***volser***

The volume serial number.

### ***medinf***

Media information name recorded for the volume.

### ***media\_type***

EDGUX300 supplied media type.

### ***recording\_format***

EDGUX300 supplied recording format.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Ensure that the specified media type and recording format combination is defined in your installation for the associated media information name. You can use the RMM TSO subcommand LISTCONTROL MEDINF to display the installation defined media information.

## Source

DFSMSrmm

## Module

EDGSOCE

**Explanation**

The specified volume cannot be used on this system because the volume matches an OPENRULE entry defined for an installation that specifies an action of REJECT.

In the message text:

***volser***

The volume serial number.

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

Check that the *volser* and the OPENRULE with the action of REJECT are correct.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

**Explanation**

This message is issued when a volume, which has the REPLACE release action set, is used for output processing. DFSMSrmm does not allow volumes to be written to if they are to be replaced.

In the message text:

***volser***

The volume serial number of the volume that the user is attempting to use.

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.



**Source**

DFSMSrmm

**Module**

EDGOECM

**Routing code**

2,3

**Descriptor code**

3

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<b>EDG4061I</b>	<b>VOLUME <i>volser</i> IGNORED. IGNORE REQUESTED BY OPENRULE ACTION IGNORE</b>
-----------------	---

**Explanation**

The DFSMSrmm parmlib options for OPENRULE with an action of IGNORE has requested that this volume be ignored by DFSMSrmm. DFSMSrmm does not record any information about the specified volume and permits the volume's use. This is because the user is authorized to use a volume that is ignored or DFSMSrmm is running in record mode.

In the message text:

***volser***

The volume serial number of the volume that the user is attempting to use.

**System action**

DFSMSrmm does not record any information about the specified volume and permits the volume's use once the label is validated. RMM validates the label to check that this is not a duplicate volume and that the volume label matches the requested volume's serial number.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGOECM

**Routing code**

2,3

**Descriptor code**

3

---

<b>EDG4062I</b>	<b>VOLUME <i>volser</i> REJECTED. UNDEFINED VOLUME CANNOT BE ADDED - EXTERNAL VOLUME SERIAL NUMBER ALREADY IN USE</b>
-----------------	---

## Explanation

A volume selected for use is not defined in the DFSMSrmm control data set. DFSMSrmm attempted to define the volume but detected that the external volume serial number was already in use for a volume with a different magnetic volume serial number. Note that the external volume serial number in a system managed tape library is synonymous with rack number for shelf-resident volumes.

In the message text:

### **volser**

The volume serial number of the volume that is not defined and could not be added to the control data set.

## System action

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

DFSMSrmm does not record any information about the specified volume and permits the volume's use once the label is validated. RMM validates the label to check that this is not a duplicate volume and that the volume label matches the requested volume's serial number.

## Operator response

None.

## System programmer response

You must resolve the duplication between the volume serial number of the current volume and the rack number that is in use for another volume. You can take the following choices:

- Move the volume from the existing rack number to another rack number, and free the rack number to be used for the current volume.
- For a non-system managed current volume you can pre-add the volume to DFSMSrmm using an empty rack number that does not match the volser.
- For a non-system managed volume or a system-managed volume remove the volume from the tape library and pre-define the volume to DFSMSrmm as a duplicate volume; use the current volser as the VOL1 label.
- Delete information about the volume whose rack number matches the current volume.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4063I**

**COPYFROM FAILED FOR *target\_dsn* VOLUME *tvolsr* FILE *tseq* - SOURCE  
DATA SET RECORD *source\_dsn* VOLUME *svolsr* FILE *sseq* DOES NOT  
EXIST, *jobname*, *stepname*, *ddname***

## Explanation

DFSMSrmm issues this message during tape data set OPEN processing. An EDG\_EXIT100 installation exit module has requested to copy data set attributes from a source data set record to the copy as part of tape copy application processing. The installation exit module has provided details in the EDGPL100 parameter list for a source data set record that is not defined to DFSMSrmm. The message indicates that the copy of the data set attributes from the source data set cannot be completed.

In the message text:

**target\_dsn**

Data set name of the target data set record.

**VOLUME tvolser**

Volume serial number of the target data set.

**FILE tseq**

Target data set file sequence number.

**source\_dsn**

Data set name of the source data set record.

**VOLUME svolser**

Volume serial number of the source data set.

**FILE sseq**

Source data set file sequence number.

**jobname**

Name of a job identified to a system

**stepname**

Name of a step within a job. The procedure name is also provided when available.

**ddname**

The data definition name

## System action

Tape open processing continues without copying the data set attributes.

## Operator response

None.

## Programmer response

The source data set details provided by the EDG\_EXIT100 installation exit module are most likely incorrect. When the correct source data set record has been identified use the RMM CHANGEDATASET subcommand with the COPYFROM operand to copy the data set attributes manually. Refer to *z/OS DFSMSrmm Managing and Using Removable Media* for the syntax of the subcommand. Use the target data set name record details from the message text and the correct source data set record details to ensure that the correct attributes are applied to the target data set record.

## Source

DFSMSrmm

## Module

EDGSOCE

## Routing code

2,3,11

## Descriptor code

3

---

**EDG4064D**

**OPENRULE ACTION IGNORE FOR REQUESTED VOLUME *req\_volser*  
VOLUME *mnt\_volser* MOUNTED. REPLY "I" TO IGNORE, "R" TO REJECT.**

### Explanation

The DFSMSrmm issues this message when it detects that the requested volume is undefined to DFSMSrmm and matches an OPENRULE entry defined for an installation with an action of IGNORE. However, the mounted volume is not equal to the requested one. The operator is asked to reply "I" to allow the mounted volume be ignored by DFSMSrmm, or "R" to reject it and mount another volume.

In the message text:

***req\_volser***

The volume serial number of the requested volume.

***mnt\_volser***

The volume serial number of the mounted volume.

### System action

The job step is waiting for the operator's reply to the message.

### Operator response

Determine whether the correct volume has been mounted. If so, reply "I" to allow the volume be ignored by DFSMSrmm. Otherwise, reply "R" to reject the currently mounted volume and mount another volume.

### Programmer response

None.

### Source

DFSMSrmm

### Module

EDGIX100

### Routing code

1,3

## Descriptor code

2

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**EDG4065I**

**VOLUME *volser* REJECTED AS REQUESTED BY OPERATOR'S REPLY "R"  
TO MESSAGE EDG4064D.**

### Explanation

The message is issued after the operator's reply "R" to message EDG4064D to reject the currently mounted volume.

In the message text:



**volser**

The volume serial number of the mounted volume.

**System action**

The current volume is rejected and the system issues another mount request. DFSMSrmm issues message EDG4005E or EDG4006E after this message.

**Operator response**

Mount the correct volume.

**Programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGOECM

**Routing code**

2,3

**Descriptor code**

3,7

**EDG4066I**

**VOLUME *volser* REJECTED. DATA SET BLOCKED BY DSNEXPIRE. IT IS EXPIRED AND NOT RETAINED BY A VITAL RECORD SPECIFICATION.**

**Explanation**

The DSNEXPIRE(BLOCK) DFSMSrmm option is in effect. Reading or writing data sets that are not retained and the expiration date for which has passed is prohibited.

In the message text:

**volser**

The serial number of the requested volume.

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

---

**EDG4067I****VOLUME *volser* REJECTED. DATA SET BLOCKED BY FORCEEXPIRE.****Explanation**

You attempted to access a data set that was blocked using the RMM CHANGEDATASET subcommand with the FORCEEXPIRE operand. Reading or writing such data sets is prohibited.

In the message text:

***volser***

The serial number of the requested volume.

**System action**

If DFSMSrmm is operating in warning mode, the volume specified in this message can be used and DFSMSrmm issues message EDG4004I. If DFSMSrmm is operating in protect mode, DFSMSrmm issues message EDG4005E or EDG4006E.

**Operator response**

None.

**System programmer response**

If you need to regain access to the data set, run the RMM CHANGEDATASET subcommand specifying both the REMOVEEXPIRE and FORCE operands.

**Source**

DFSMSrmm

**Module**

EDGSOCE

**Routing code**

2,3,11

**Descriptor code**

3

---

**EDG5002I****INCORRECT PARAMETER SPECIFIED - REASON CODE *reason\_code*****Explanation**

The job's EXEC statement contains an incorrect parameter.

In the message text:

***reason\_code***

Can be:

- 1** Incorrect SEC value. A default of 32 blanks is used.
- 2** No SEC value supplied. A default of 32 blanks is used.

**System action**

Processing continues.

**Operator response**

None.

**Programmer response**

You can specify a SEC value and resubmit the job. If you do not specify a SEC value, the default value is used.

**Source**

DFSMSrmm

**Module**

EDGRPTD

**Routing code**

11

**Descriptor code**

7

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**EDG5004E** *text*

**Explanation**

There is an error in the parameter supplied. The text in the message is the error message returned from PARSE.

In the message text:

***text***

PARSE error message

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Correct the parameter passed, and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGAUD

**Routing code**

11

**Descriptor code**

7

---

**EDG5005E****ERROR PROCESSING SYSIN COMMANDS****Explanation**

An error occurred while using IKJPARS to process the SYSIN commands provided to the report program, EDGAUD.

**System action**

The job fails.

**Operator response**

None.

**Programmer response**

Identify the cause of the error from the error messages issued. Correct the SYSIN commands and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGAUD

**Routing code**

11

**Descriptor code**

7

---

**EDG5102E****ERROR OPENING SMF RECORD FILE****Explanation**

An error occurred during an attempt to open the SMF record file, SMFIN.

**System action**

The job fails.

**Operator response**

None.

**Programmer response**

Identify the cause of the error from the system messages issued. Correct the error and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGAUD, EDGBKUP

**Routing code**

11

**Descriptor code**

7

---

**EDG5105E****ERROR READING SMF RECORD FILE****Explanation**

An error occurred during an attempt to read the SMF record file, SMFIN.

**System action**

The job fails.

**Operator response**

None.

**Programmer response**

Identify the cause of the error from the system messages issued. Correct the error and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGAUD

**Routing code**

11

## Descriptor code

7

---

**EDG5106E**

**ERROR OPENING SYSPRINT DDNAME**

## Explanation

Utility EDGAUD attempted to open the SYSPRINT ddname but encountered an error. The job fails.

## System action

The utility ends with return code 12.

## Operator response

None.

## Programmer response

Ensure that the SYSPRINT ddname is specified in the JCL and resubmit the job.

## Source

DFSMSrmm

## Module

EDGAUD

## Routing code

11

## Descriptor code

7

---

**EDG5401I**

**DEFAULT VALUE ASSUMED - REASON CODE *reason\_code***

## Explanation

A default value was used because a parameter value could not be obtained from the subsystem.

### *reason\_code*

Can be:

**1**

A LINECOUNT value of 54 has been assumed.

**3**

the J date format has been assumed.

## System action

Processing continues.

## Operator response

None.

**Source**

DFSMSrmm

**Module**

EDGRPTD

**Routing code**

11

**Descriptor code**

7

---

**EDG5502E** SORT OF SMF INPUT RECORDS FAILED RETURN CODE *return\_code***Explanation**

EDGAUD attempted to sort selected input records. The sort program ended with the return code in the message.

In the message text:

***return\_code***

Value returned indicating the results of processing

**System action**

Processing ends.

**Operator response**

None.

**Programmer response**

Refer to the sort program return codes for explanations of the return codes and messages issued.

**Source**

DFSMSrmm

**Module**

EDGAUD

**Routing code**

11

**Descriptor code**

7

---

**EDG5801E** SORT OF REPORT EXTRACT RECORDS FAILED - RETURN CODE *return\_code*





## System action

Processing continues.

## Operator response

None.

## Programmer response

None.

## Source

DFSMSrmm

## Module

EDGRPTD

## Routing code

11

## Descriptor code

7

---

**EDG5803I**

**NUMBER OF *medianame* VOLUMES, LISTED BY RACK, MOVING FROM  
LOCATION *location* TO LOCATION *target* IS *total***

## Explanation

This message is issued for information only. EDGRPTD has produced a volume movement report for volumes moving from *location* to location *target*. The number of volumes in the report is *total*.

In the message text:

### ***location***

This is the name of the source location for the volumes that are moving.

### ***medianame***

This is the media name specified with the EDGRMMxx parmlib LOCDEF command or with the RMM ADDBIN or ADDRACK subcommand for installation defined locations. *medianame* is blank when the storage location is one of the DFSMSrmm built-in locations DISTANT, LOCAL, and REMOTE.

### ***target***

This is the name of the target location for the volumes that are moving.

### ***total***

This is the total number of volumes moving.

## System action

Processing continues.

## Operator response

None.





## Explanation

This message is issued for information only. EDGRPTD has produced an inventory report for location *location*. The number of volumes in the report is *total*.

In the message text:

### ***location***

This is the name of the location for which the inventory report has been produced.

### ***medianame***

This is the media name specified with the EDGRMMxx parmlib LOCDEF command or with the RMM ADDBIN or ADDRACK subcommand for installation defined locations. *medianame* is blank when the storage location is one of the DFSMSrmm built-in locations DISTANT, LOCAL, and REMOTE.

### ***total***

This is the total number of volumes in the location. It includes the number of volumes known to be in transit, both to and from this location.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGRPTD

## Routing code

11

## Descriptor code

7

---

EDG5813I

**NUMBER OF *medianame* VOLUMES, LISTED BY BIN, MOVING FROM  
LOCATION *location* TO LOCATION *target* IS *total***

## Explanation

This message is issued for information only. EDGRPTD has produced a volume movement report for volumes moving from *location* to location *target*. The number of volumes in the report is *total*.

In the message text:

### ***location***

This is the name of the source location for the volumes that are moving.

**medianame**

This is the media name specified with the EDGRMMxx parmlib LOCDEF command or with the RMM ADDBIN or ADDRACK subcommand for installation defined locations. *medianame* is blank when the storage location is one of the DFSMSrmm built-in locations DISTANT, LOCAL, and REMOTE.

**target**

This is the name of the target location for the volumes that are moving.

**total**

This is the total number of volumes moving.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGRPTD

**Routing code**

11

**Descriptor code**

7

---

**EDG5814I**

**NUMBER OF *medianame* VOLUMES, LISTED BY OWNER, MOVING FROM LOCATION *location* TO LOCATION *target* IS *total***

**Explanation**

This message is issued for information only. EDGRPTD has produced a volume movement report for volumes moving from *location* to location *target*. The number of volumes in the report is *total*.

In the message text:

**location**

This is the name of the source location for the volumes that are moving.

**medianame**

This is the media name specified with the EDGRMMxx parmlib LOCDEF command or with the RMM ADDBIN or ADDRACK subcommand for installation defined locations. *medianame* is blank when the storage location is one of the DFSMSrmm built-in locations DISTANT, LOCAL, and REMOTE.

**target**

This is the name of the target location for the volumes that are moving.

**total**

This is the total number of volumes moving.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGRPTD

## Routing code

11

## Descriptor code

7

---

**EDG5823I**

**NUMBER OF SCRATCH *medianame* VOLUMES IN *dd\_name* FOR POOL  
*storage\_group* IS *total***

## Explanation

DFSMSrmm issues this message for information only. The DFSMSrmm EDGRPTD utility produced a scratch list or new scratch list for storage group *storage\_group*. The number of volumes in the report is *total*.

In the message text:

### ***dd\_name***

This is the name of the report file and can be: NEWSR or SCRLIST.

### ***storage\_group***

This is the name of the pool or storage group where the volumes reside.

### ***medianame***

This is the media name specified with the EDGRMMxx parmlib VLPOOL command.

### ***total***

This is the total number of volumes in the pool.

## System action

Processing continues.

## Operator response

None.

## Programmer response

None.

**Source**

DFSMSrmm

**Module**

EDGRPTD

**Routing code**

11

**Descriptor code**

7

---

**EDG5862I****SMF AUDIT RECORD FOR VOLUME *volser* IS AT UNSUPPORTED LEVEL****Explanation**

The SMF audit record read from the AUDREPT file is not at a record level supported by the EDGUTIL utility.

In the message text:

***volser***

This is the serial number of the volume in the SMF audit record being processed.

**System action**

The EDGAUD utility fails.

**Operator response**

None.

**System programmer response**

You might be trying to process incorrect SMF records. Verify that the SMF records in the data set pointed to by the AUDREPT DD statements are valid DFSMSrmm audit records. Even if the records are DFSMSrmm audit records, they might not be at a supported record level for the level of DFSMSrmm you are currently running. If you are processing the correct SMF records, report this error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGMFCNV

**Routing code**

11

**Descriptor code**

7

---

**EDG5868I****THERE ARE *nnn* READYTOSCRATCH VOLUMES OF MEDIANAME  
*medianame* MOVING FROM LOCATION *fromloc* TO LOCATION *toloc***

## Explanation

This message is issued for information only. EDGRPTD has produced a volume movement report for READYTOSCRATCH volumes.

### ***nnn***

The number of volumes moving.

### ***medianame***

The name of media.

### ***fromloc***

This is the name of the source location for the volumes that are moving.

### ***toloc***

This is the name of the target location for the volumes that are moving.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGRPTD

## Routing code

11

## Descriptor code

7

---

**EDG5869E**

**DYNAMIC ALLOCATION OF EDGRPTD SORT FILE FAILED ERROR CODE**  
*return\_code function\_code error\_code info\_code sms\_code*

## Explanation

During EDGRPTD processing, DFSMSrmm attempted to allocate or deallocate its SRTINOUT work file. The SRTINOUT file is used during sorts to contain records selected from the DFSMSrmm extract file. The SRTINOUT file is allocated LIKE the EXTRACT file, so that the file size is determined from the size of the input DFSMSrmm report extract file.

In the message text:

### ***return\_code***

The return code from DYNALLOC expressed in hexadecimal

### ***function\_code***

This is one of:



- 01 - dynamic allocation failed
- 02 - dynamic de-allocation failed

**error\_code**

The error code expressed in hexadecimal.

**info\_code**

The information code expressed in hexadecimal.

**sms\_code**

The SMS reason code expressed in hexadecimal. It appears in the message only when the *error\_code* is 97xx.

For an explanation of these codes, refer to [\*z/OS MVS Programming: Authorized Assembler Services Guide\*](#).

**System action**

EDGRPTD processing ends with return code 12.

**Operator response**

Inform the system programmer.

**System programmer response**

Use the dynamic allocation error and information codes to determine the reason for the failure and correct the problem if possible. You might check the LOGREC for additional SMS messages that describe the error. DFSMSrmm dynamically allocates the SRTINOUT file if one is not pre-allocated. If you add a SRTINOUT file to the EDGRPTD batch job, DFSMSrmm uses it and dynamic allocation and de-allocation is skipped. If the problem cannot be identified, report the error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGRPTD

**Routing code**

11

**Descriptor code**

7

---

**EDG5870I****NEW SCRATCH LIST NOT PRODUCED - SCRDATE DD INPUT DATE  
MISSING OR INCORRECT FORMAT****Explanation**

EDGRPTD attempted to determine the start date for the new scratch list report. Although the NEWSR and SCRDATE files are allocated, the first input record in the SCRDATE file does not contain a valid date.

The date must be specified in the correct external format and must be a valid date. For example:

```
1999/05/0610:02:24
```

The date format is the same format you request for the report files.



**Module**

EDGAUD

**Routing code**

11

**Descriptor code**

7

**EDG6001I****INVENTORY MANAGEMENT STARTING ON *date* AT *time* - PARAMETERS  
IN USE ARE *parameters*****Explanation**

DFSMSrmm issues this message for information only. The DFSMSrmm EDGHSKP utility is processing and is ready to request the DFSMSrmm subsystem to start inventory management. DFSMSrmm uses the date and time displayed in this message for all DFSMSrmm processing for this run of inventory management.

In the message text:

***date***

The current date in the format specified by the DATEFORM parameter.

***time***

The current time.

***parameters***

The inventory management EXEC parameters can be:

- The inventory management EXEC parameters you specified. Any valid combination from the following parameters: VRSEL, DSTORE, EXPROC, RPTEXT, BACKUP, BACKUP(DSS), DATEFORM, VERIFY, and DATE.
- The default parameters if none were specified: VRSEL, DSTORE, EXPROC, RPTEXT, BACKUP, DATEFORM(D).

**System action**

The EDGHSKP utility continues processing.

**Operator response**

None.

**Programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGHSKP

**Routing code**

11

## Descriptor code

7

---

EDG6002E

MUTUALLY EXCLUSIVE PARAMETERS *parameter1* AND *parameter2*  
SPECIFIED

## Explanation

The EXEC statement contains mutually exclusive parameters *parameter1* and *parameter2*.

In the message text:

### *parameter1*

EXEC statement parameter1

### *parameter2*

EXEC statement parameter2

## System action

The program fails.

## Operator response

None.

## Programmer response

Correct the input parameters and resubmit the job.

## Source

DFSMSrmm

## Module

EDGBKUP

## Routing code

11

## Descriptor code

7

---

EDG6003E

EITHER BACKUP OR RESTORE PARAMETER MUST BE SPECIFIED

## Explanation

The EXEC statement contains incorrect parameters. Only BACKUP and RESTORE are supported for EDGBKUP and UPDATE with EDGUPDT.

## System action

The job fails.

## Operator response

None.



**Explanation**

The EXEC statement contains incorrect parameters. Either CREATE, UPDATE, or VERIFY must be supplied.

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Correct the input parameters and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGUTIL

**Routing code**

11

**Descriptor code**

7

**Explanation**

The SYSIN or PARM statement contains an unsupported parameter. The *text* is the unsupported SYSIN or PARM statement.

In the message text:

***text***

An incorrect keyword or verb.

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Correct the input parameters and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGBKUP, EDGUPDT

**Routing code**

11

**Descriptor code**

7

---

<b>EDG6008E</b>	<b>TOO MANY LOCATION PAIRS SPECIFIED FOR THE DSTORE LOCATION OPERAND</b>
-----------------	--

**Explanation**

The DFSMSrmm EDGHSKP EXEC statement contains DSTORE location parameters. You can specify as many as eight pairs of location names. The number of supplied location pairs exceeds the maximum allowed value.

**System action**

The program fails.

**Operator response**

None.

**System programmer response**

Correct the LOCATION values that are specified in the DSTORE operand.

**Source**

DFSMSrmm

**Module**

EDGHSKP

**Routing code**

11

**Descriptor code**

7

---

<b>EDG6009E</b>	<b>TOO MANY VALUES SPECIFIED FOR THE SYSIN EXPROC COMMAND operand OPERAND</b>
-----------------	---

**Explanation**

DFSMSrmm issues this message to the MESSAGE file when the EXPROC parameter is specified and the SYSIN file contains the EXPROC command. One of the operands has specified more than eight values.

In the message text:

***operand***

Is one of the following values: LOCATIONS, VOLUMES, or VOLUMERANGES.

**System action**

DFSMSrmm inventory management processing fails.

**Operator response**

None.

**System programmer response**

Correct the EXPROC operands to limit the values to no more than eight.

**Source**

DFSMSrmm

**Module**

EDGHSKP

---

**EDG6010E**

**MUTUALLY EXCLUSIVE DATE FORMAT PARAMETERS *parameter1* AND  
*parameter2* SPECIFIED**

**Explanation**

The EXEC statement contains more than one date format parameter.

In the message text:

***parameter1***

EXEC statement date format parameter1

***parameter2***

EXEC statement date format parameter2

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Correct the input parameters and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGHSKP



**Routing code**

11

**Descriptor code**

7

---

**EDG6012E****NO VALID COMMAND VERB FOUND****Explanation**

A SYSIN control statement has been parsed, and the statement contains a command that has incorrect syntax.

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Examine the SYSIN statements and correct the error.

**Source**

DFSMSrmm

**Module**

EDGUTIL, EDGHSKP, EDGBKUP, EDGUPDT

**Routing code**

11

**Descriptor code**

7

---

**EDG6013I****THE SYSIN OPTIONS CURRENTLY IN USE ARE *options*****Explanation**

DFSMSrmm issues this message to the MESSAGE file when the EXPROC parameter is specified and a SYSIN file is successfully parsed.

In the message text:

***options***

This lists the values specified on the EXPROC command found in SYSIN.

**System action**

DFSMSrmm inventory management processing continues.



**text**

This is the error message from IKJPARSE processing.

**System action**

DFSMSrmm utility ends.

**Operator response**

None.

**Programmer response**

Correct the parameters and run the utility again.

**Source**

DFSMSrmm

**Module**

EDGSPLCS

**Routing code**

11

---

**EDG6101E****REQUIRED DDNAME *ddname* NOT SPECIFIED****Explanation**

The required data set specified as *ddname* has not been defined by the user.

In the message text:

***ddname***

The data definition name

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Add the missing DD statement and resubmit the program.

- If REPTTEXT is listed as the missing *ddname*, alternatively specify REPTTEXT or XREPTTEXT before running the job again.
- If JOURNAL is listed as the missing *ddname*, check if the JRNLBKUP DD statement has been defined in the JCL while the JRNLNAME parameter has been omitted in the parmlib member. If this is the case, remove the JRNLBKUP DD statement and submit the job again.

**Source**

DFSMSrmm

## Module

EDGBKUP EDGHSKP

## Routing code

11

## Descriptor code

7

---

**EDG6102I**

**CONTROL DATA SET RESTORE IN PROGRESS WITHOUT FORWARD RECOVERY**

## Explanation

No journal was provided for the DFSMSrmm control data set restore.

## System action

Processing continues. The DFSMSrmm control data set is restored without any journaled updates and neither SMFIN nor JOURNAL was provided. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## Programmer response

If journal updates to the control data set are required, resubmit the restore with the journal included.

## Source

DFSMSrmm

## Module

EDGBKUP

## Routing code

11

## Descriptor code

7

---

**EDG6103E**

**ERROR OPENING *ddname* FILE *vsam\_return\_code* *vsam\_reason\_code***

## Explanation

The data set identified by the *ddname* in the message could not be opened.

In the message text:

### ***ddname***

The data definition name.

### ***vsam\_return\_code***

The return code from VSAM while attempting to open the MASTER DD file.

**vsam\_reason\_code**

The reason code from VSAM while attempting to open the MASTER DD file.

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Identify the cause of the error from the system messages issued. Correct the error and resubmit the program. See [z/OS DFSMS Macro Instructions for Data Sets](#) for additional information about the VSAM return codes and reason codes that appear in the message text.

**Source**

DFSMSrmm

**Module**

EDGBKUP

**Routing code**

11

**Descriptor code**

7

---

**EDG6104E**

**ERROR READING THE CONTROL DATA SET. RC = *return\_code*, REAS = *reason\_code*, KEY = *vsam\_key***

**Explanation**

Either the DFSMSrmm backup and recovery utility, or the control data set utility, has encountered an error performing I/O to the DFSMSrmm control data set. The message text provides information about the attempted I/O.

In the message text:

***return\_code***

The return code that is returned by VSAM in register 15, or it is a DFSMSrmm internal return code. Possible values for the DFSMSrmm internal return code are:

- 252 - The record read from the control data set is not a DFSMSrmm supported record.
- 255 - The I/O request made is not supported by DFSMSrmm.

***reason\_code***

The RPL reason code returned by VSAM or zero for DFSMSrmm internal return codes

***vsam\_key***

The key of the VSAM record that was the subject of the request

**System action**

The program fails.



## Programmer response

Review the message text and refer to *z/OS DFSMS Macro Instructions for Data Sets*.

This error is the result of a VSAM processing error.

If any additional VSAM messages have been issued, refer to these for a description of the action necessary.

## Source

DFSMSrmm

## Module

EDGBKUP

## Routing code

11

## Descriptor code

7

---

EDG6106E

***ddname* DDNAME NOT ALLOWED FOR BACKUP DURING INVENTORY  
MANAGEMENT**

## Explanation

When the subsystem is active, the DFSMSrmm control data set and journal are dynamically allocated, using the data set names obtained from the DFSMSrmm subsystem. DFSMSrmm received an inventory management request that includes backing up the DFSMSrmm control data set or journal. The request supplied the DFSMSrmm control data set using the MASTER DD statement, or the journal using the JOURNAL DD statement. This is only allowed when the DFSMSrmm subsystem is inactive.

In the message text:

### ***ddname***

The name of the DD statement that is not allowed. One of the values:

- MASTER
- JOURNAL

## System action

The backup request fails and no further processing is performed. Backup is the last inventory management function performed, so all other requests should have completed successfully.

## Operator response

None.

## Programmer response

Remove the MASTER and JOURNAL DD statements from the inventory management JCL, and re-run the backup request.

## Source

DFSMSrmm

## Module

EDGBKUP

## Routing code

11

## Descriptor code

7

---

**EDG6107E**

**ERROR OBTAINING JFCB FOR *ddname* DDNAME - RETURN CODE  
*return\_code***

## Explanation

A SWAREQ macro request failed to copy the JFCB for the MASTER or JOURNAL DD names.

In the message text:

### ***ddname***

The name of the DD statement for which the JFCB could not be obtained. One of the values:

- MASTER
- JOURNAL
- SMFIN

### ***return\_code***

The value in register 15 on return from the SWAREQ request.

## System action

The program fails.

## Operator response

None.

## System programmer response

Identify the error from the specified *return\_code*, as described in [z/OS MVS Programming: Authorized Assembler Services Guide](#). Correct the JCL and resubmit the job. Otherwise, contact the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGBKUP

## Routing code

11

## Descriptor code

7



**Explanation**

The DFSMSrmm control data set or journal was not allocated in the job, and the data set name could not be obtained from the subsystem.

In the message text:

***ddname***

The name of the DD statement for which the data set name could not be obtained from the DFSMSrmm subsystem. One of the values:

- MASTER
- JOURNAL

**System action**

The program ends.

**Operator response**

None.

**Programmer response**

Add the missing DD statement or identify the subsystem error from the associated messages. Re-run the program.

**Source**

DFSMSrmm

**Module**

EDGBKUP

**Routing code**

11

**Descriptor code**

7

**Explanation**

The DFSMSrmm control data set or the journal could not be dynamically allocated.

In the message text:

***return\_code***

The return code from DYNALLOC expressed in decimal.

***function\_code***

This is one of:

**01**

Dynamic allocation failed

**02**

Dynamic de-allocation failed

***error\_code***

The error code expressed in hexadecimal.

***dsname***

The name of the DD statement for which the data set name could not be dynamically allocated. One of the values:

- MASTER
- JOURNAL

***info\_code***

The information code expressed in hexadecimal.

***sms\_code***

The SMS reason code expressed in hexadecimal. It appears in the message only when the *error\_code* is 97xx.

For an explanation of these codes, see [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#).

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Check the accompanying codes and system messages to determine the cause of the error and re-run the program.

**Source**

DFSMSrmm

**Module**

EDGBKUP, EDGUTIL

**Routing code**

11

**Descriptor code**

7

---

**EDG6110W**

**RECORD TO BE ADDED DURING JOURNAL UPDATE PROCESSING  
ALREADY EXISTS**

**Explanation**

During the DFSMSrmm control data set RESTORE, an attempt was made to add a record that already exists in the DFSMSrmm control data set.



**Module**

EDGBKUP

**Routing code**

11

**Descriptor code**

7

---

**EDG6112W****RECORD TO BE DELETED DURING JOURNAL UPDATE PROCESSING  
DOES NOT EXIST****Explanation**

The journal update procedure for RESTORE has attempted to delete a record that does not exist in the DFSMSrmm control data set.

During SMFIN forward recovery, journal records are created from SMF records. This might have caused the JOURNAL DD entry specified in the message to have been created.

**System action**

Processing continues with the next record in the journal.

**Operator response**

None.

**Programmer response**

Make sure the correct journal and BACKUP data sets are being used. If not, correct the data set names and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGBKUP

**Routing code**

11

**Descriptor code**

7

---

**EDG6113E****INCORRECTLY FORMATTED JOURNAL FILE RECORD READ****Explanation**

The journal update procedure for RESTORE has failed to recognize a journal record.

## System action

The program fails.

## Operator response

None.

## Programmer response

Make sure the correct journal is being used. Correct the JCL and resubmit the job.

## Source

DFSMSrmm

## Module

EDGBKUP

## Routing code

11

## Descriptor code

7

---

**EDG6114E**

**ERROR POSITIONING TO CONTROL DATA SET RECORD KEY**

**'record\_type', RPL REASON CODE reason\_code**

## Explanation

An error occurred during a VSAM POINT operation on the DFSMSrmm control data set.

In the message text:

### **record\_type**

Is the record type being searched for in the DFSMSrmm control data set

### **reason\_code**

Is the RPL ERROR CODE

## System action

If *reason\_code* is 16, the program continues. Otherwise, the program fails with the return code set by the VSAM POINT operation.

## Operator response

None.

## Programmer response

If the *reason\_code* is 16, verify that there should be no records of type *type* in the control data set. If no other errors are reported, then this is probably normal. For any other return code, refer to [z/OS DFSMS Macro Instructions for Data Sets](#) to interpret the return and reason code.

## Source

DFSMSrmm

**Module**

EDGUTIL

**Routing code**

11

**Descriptor code**

7

---

**EDG6115E****CONTROL DATA SET CONTROL RECORD NOT FOUND****Explanation**

The DFSMSrmm control data set control record does not exist.

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Make sure the correct DFSMSrmm control data set is being used. Initialize the DFSMSrmm control data set by creating a DFSMSrmm control data set control record, if necessary. Correct the JCL and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGBKUP

**Routing code**

11

**Descriptor code**

7

---

**EDG6116E****CONTROL DATA SET CONTROL RECORD ALREADY EXISTS****Explanation**

A DFSMSrmm control data set control record already exists, so DFSMSrmm cannot process the request to create the DFSMSrmm control data set control record.

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Make sure the correct DFSMSrmm control data set control record is initialized. Correct the JCL and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGUTIL

**Routing code**

11

**Descriptor code**

7

---

**EDG6117E**

**CONTROL DATA SET DDNAME NOT SPECIFIED**

**Explanation**

The DFSMSrmm utility EDGUTIL did not find a MASTER DD file allocated for its use.

**System action**

The program fails.

**Operator response**

None.

**Programmer response**

Supply a MASTER DD statement when running this utility.

**Source**

DFSMSrmm

**Module**

EDGBKUP

**Routing code**

11

**Descriptor code**

7

**Explanation**

You invoked the EDGUTIL utility without specifying parameters.

**System action**

The EDGUTIL utility created a control data set. EDGUTIL was run using the default value of MASTER(Y).

**Operator response**

None.

**Programmer response**

If you do not wish the default values, resubmit the EDGUTIL job and supply appropriate values.

**Source**

DFSMSrmm

**Module**

EDGUTIL

**Routing code**

11

**Descriptor code**

7

**Explanation**

The target control data set specified to EDGBKUP on the MASTER DD statement must not be in use by the DFSMSrmm subsystem during a restore or reorganize.

**System action**

The program fails.

**Operator response**

None.

**System programmer response**

Quiesce or shutdown the DFSMSrmm subsystem and resubmit the EDGBKUP utility job.

**Source**

DFSMSrmm



**Module**

EDGBKUP

**Routing code**

11

**Descriptor code**

7

---

**EDG6120E****MULTIPLE SYSIN STATEMENTS ARE NOT SUPPORTED****Explanation**

There are multiple logical statements in the SYSIN file. Only one command in SYSIN is supported.

**System action**

The utility ends.

**Operator response**

None.

**Programmer response**

Change the input, so that there is only one command in the SYSIN statement. If you are using continuations, ensure that all required continuation characters are present.

**Source**

DFSMSrmm

**Module**

EDGUTIL, EDGBKUP

**Routing code**

11

**Descriptor code**

7

---

**EDG6121E****JOURNAL DATA SET IS EMPTY****Explanation**

The journal specified during a RESTORE operation is empty.

**System action**

The DFSMSrmm control data set has been restored but no journal updates were made because the journal supplied was empty. The program ends with return code 4.



## System action

The program ends with return code 12.

## Operator response

None.

## Programmer response

Check the data set supplied as the journal to the restore operation. Resubmit the job with the correct data set.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6124E JOURNAL DDNAME NOT ALLOWED FOR BACKUP DURING INVENTORY MANAGEMENT**

## Explanation

The user made an inventory management request that includes backing up the DFSMSrmm control data set. The user supplied the JOURNAL DD statement. This is only allowed when the DFSMSrmm subsystem is inactive.

## System action

The backup request fails and no further processing is performed. Because backup is the final inventory management function performed, all other requests should have completed successfully.

## Operator response

None.

## Programmer response

Remove the JOURNAL DD statement from the inventory management JCL and resubmit the backup request.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6125E USE OF BATCH LSR IS NOT SUPPORTED WHEN THE MEND PARAMETER IS SPECIFIED**

## Explanation

DFSMSrmm issues this message when:

- The Batch local shared resource (BLSR) subsystem is used with the DFSMSrmm utility EDGUTIL when you specify the MEND parameter.
- The data set specified on the MASTER DD statement is not a VSAM data set.

## System action

Processing ends. DFSMSRmm returns return code 16.

## Operator response

None.

## Programmer response

Resubmit the job without using BLSR.

## Source

DFSMSRmm

## Module

EDGUTIL

---

**EDG6126E CONTROL DATA SET BACKUP FAILED - JOURNAL IS LOCKED**

## Explanation

A DFSMSdss backup of the DFSMSRmm control data set failed because the journal data set is locked. The journal might have filled up or there might have been an I/O error. If a journal is in use, there must be an active journal data set available in order for tape to be used for the backup copies.

## System action

Backup processing fails and DFSMSRmm sets return code 12.

## Operator response

None.

## System programmer response

Allocate a new journal data set if the journal is locked because of an I/O error, or enlarge the journal to avoid it filling up during backup of the control data set. You can request a backup using AMS REPRO instead of DFSMSdss by not specifying the BACKUP(DSS) parameter in the EXEC statement parameters. If DFSMSdss backup is required, resubmit the job after making sure an active journal is available.

## Source

DFSMSRmm

## Module

EDGBKUP

---

**EDG6127E BACKUP CANNOT PROCEED - TAPE OUTPUT IS SUPPORTED FOR THE BACKUP(DSS) PARAMETER ONLY**

## Explanation

A backup has been requested with the BACKUP parameter. BACKUP(DSS) must be requested when the output for the journal or control data set backup is directed to a tape data set. The backup output for the journal or the

control data set has been directed to a tape data set, but tape output is not supported when the BACKUP parameter is used.

### System action

Backup processing fails and DFSMSrmm sets return code 12.

### Operator response

None.

### System programmer response

The backup job must be changed to write the backup data to a DASD data set. If output to tape is required, request backup by specifying the BACKUP(DSS) parameter instead of BACKUP.

### Source

DFSMSrmm

### Module

EDGBKUP

---

**EDG6128I** CONCURRENT COPY NOT AVAILABLE REASON CODE *reason\_code* -  
PROCESSING CONTINUES WITHOUT CONCURRENT COPY

### Explanation

A concurrent backup has been requested of the DFSMSrmm control data set, but DFSMSdss could not establish a concurrent copy session.

#### *reason\_code*

Is the ADRDSSU UIM reason code as described in [z/OS DFSMSdss Storage Administration](#) for UIM function Eioption 24.

### System action

Backup processing continues. DFSMSrmm sets return code 4.

### Operator response

None.

### System programmer response

Use the reason code to determine why the concurrent copy session was not initialized. If you want to use concurrent copy, you must resolve the problem described by the reason code and resubmit the job.

### Source

DFSMSrmm

### Module

EDGBKDSS

---

**EDG6129E** CONTROL DATA SET BACKUP HAS FAILED - ADRDSSU RETURN CODE  
*return\_code* MESSAGE ADRnnnt

## Explanation

A DFSMSdss backup has been requested of the DFSMSrmm control data set. The DFSMSdss backup of the control data set failed.

### **return\_code**

Is the ADRDSSU task return code.

### **nnnt**

Is the ADRDSSU message number suffix. *nnn* is the message number and *t* is the type. Refer to *z/OS MVS System Messages, Vol 1 (ABA-AOM)* for the message. Refer to the SYSPRINT file to see all the messages issued by ADRDSSU during processing.

## System action

Backup processing stops. DFSMSrmm sets return code 12.

## Operator response

None.

## System programmer response

Request a backup using AMS REPRO instead of DFSMSdss by not specifying the BACKUP(DSS) parameter in the EXEC statement parameters. If DFSMSdss backup is required, resubmit the job after correcting the ADRDSSU processing problems.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6130E**

**CONTROL DATA SET BACKUP HAS FAILED - ADDITIONAL TAPE VOLUME  
REQUIRED**

## Explanation

The end of volume has been reached during backup to tape. Either, an additional tape volume is required while the control data set backup is directed to tape without using concurrent copy, or an additional tape volume is required while the journal backup is directed to tape and control data set updates are being made.

In both cases, DFSMSrmm supports only one tape volume. This is a documented restriction of DFSMSrmm.

## System action

Backup processing stops. DFSMSrmm sets return code 12.

## Operator response

None.

## System programmer response

To correct the problem you have the following options:

- Use BACKUP(DSS) with concurrent copy.
- Direct the backup output to DASD.

- Use a tape volume with higher capacity

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6131E**

**CONTROL DATA SET RECOVERY FAILED - NAME OF RESTORED DATA SET DOES NOT MATCH MASTER DATA SET NAME**

## Explanation

You have restored the DFSMSrmm control data set from a DFSMSdss backup. The name of the restored data set does not match the master data set name. The data set might have been renamed incorrectly during restore or the incorrect data set name was specified on the MASTER DD statement.

For forward recovery to be successful, the MASTER DD statement must specify the new name of the restored data set or must not be specified.

## System action

Restore processing stops. DFSMSrmm sets return code 12.

## Operator response

None.

## System programmer response

To correct the problem you have the following options:

- Do not rename the control data set during restore processing.
- Do not specify a MASTER DD statement for restore from a backup taken with DFSMSdss.
- Ensure that the data set name specified on the MASTER DD statement matches the name of the restored data set.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6132E**

**BACKUP CANNOT PROCEED - TAPE OUTPUT IS NOT SUPPORTED FOR BACKUP(DSS) PARAMETER WHILE DFSMSrmm IS IN QUIESCE MODE**

## Explanation

A backup has been requested with the BACKUP(DSS) parameter and the output for the journal or control data set backup has been specified directly to a tape data set while DFSMSrmm is quiesced.

## System action

Backup processing ends and DFSMSrmm sets return code 16.

## Operator response

None.

## Programmer response

If BACKUP(DSS) is required, restart DFSMSrmm or direct output to DASD and resubmit the job.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6133E**

**MASTER FILE IS NOT A VSAM DATA SET**

## Explanation

DFSMSrmm issues this message when you have specified a non-vsam data set for the MASTER DD file. You cannot use Batch LSR or any other subsystem data sets to process the DFSMSrmm control data set. The MASTER DD must name the DFSMSrmm control data set.

## System action

EDGUTIL processing ends with return code 16.

## Operator response

Report the error to the application programmer.

## Programmer response

Update the JCL for EDGUTIL to specify the VSAM DFSMSrmm control data set on the DSN keyword of the MASTER DD statement.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6134E**

**BACKUP CANNOT START BECAUSE NEITHER BACKUP NOR JRNLBKUP  
ARE SPECIFIED**

## Explanation

You have requested that DFSMSrmm perform a backup but you did not specify the BACKUP DD statement or the JRNLBKUP DD statement. You must specify at least one of the DD statements.

## System action

The backup request fails.



## Operator response

None.

## Programmer response

Add one or both of the missing DD statements and resubmit the backup request. Specify a BACKUP DD statement to request backup of the DFSMSrmm control data set. Specify a JRNLBKUP DD statement to request backup of the journal.

## Source

DFSMSrmm

## Module

EDGBKUP EDGHSKP

---

**EDG6135E** **BACKUP CANNOT START BECAUSE BACKUP IS ALREADY IN PROGRESS**

## Explanation

You have requested DFSMSrmm backup processing but the request fails because there is already a backup running. Only one backup at a time is allowed.

## System action

The backup request fails.

## Operator response

None.

## System programmer response

If the backup processing was stopped because of a failure, the backup indicator could still be set. You can correct this by stopping and starting DFSMSrmm. If DFSMSrmm issues message EDG0123D during startup, refer to the EDG0123D message description for details and reply appropriately. You can list the current value of the backup indicator by issuing the **RMM LISTCONTROL CNTL** subcommand or by using the CONTROL ISPF dialog.

## Programmer response

If you need to start backup, wait until the current backup processing completes and then resubmit the job.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6136E** **JOURNAL BACKUP FAILED - JOURNAL IS LOCKED**

## Explanation

A DFSMSdss backup of the DFSMSrmm journal failed because the journal data set is locked. The journal might have filled up or there might have been an I/O error. If a journal is in use, there must be an active journal data set available in order for tape to be used for the backup copies.

## System action

Backup processing fails and DFSMSrmm sets return code 12.

## Operator response

None.

## System programmer response

Allocate a new journal data set if the journal is locked because of an I/O error, or enlarge the journal to avoid it filling up during backup.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6137I**

**THE REQUESTED FUNCTION *function* IS NOT SUPPORTED ON A CLIENT SYSTEM**

## Explanation

You are running a DFSMSrmm utility described by *function* in the message text on a DFSMSrmm client system. The *function* is not supported.

In the message text:

***function***

BACKUP

## System action

The utility processing ends.

## Operator response

None.

## System programmer response

Run the function on a system with direct access to the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGHSKP

---

**EDG6138E**

**JOURNAL AND SMFIN DD STATEMENTS ARE MUTUALLY EXCLUSIVE - SPECIFY ONLY ONE INPUT DD NAME**

## Explanation

An error occurred during an attempt to forward recover the control data set. JOURNAL and SMFIN DD statements are mutually exclusive.

## System action

The program ends with return code 12.

## Operator response

None.

## Programmer response

Correct the DD statements to either specify the JOURNAL DD statement to request forward recovery from journal input records, or to specify the SMFIN DD statement to use unloaded SMF records as input, and resubmit the job. If both JOURNAL and SMFIN are available, IBM suggests to use JOURNAL.

## Source

DFSMSrmm

## Module

EDGBKUP

## Routing code

11

## Descriptor code

7

---

**EDG6139E**

**DATE FORMAT ERROR - TARGETDATE SPECIFIES A VALUE THAT  
CONFLICTS WITH DATEFORM**

## Explanation

The target date specified does not contain a valid date. The date must be a valid date specified in the correct external format.

## System action

The program ends with return code 12.

## Operator response

None.

## Programmer response

Specify a valid date and time for the SYSIN RESTORE command operand TARGETDATE, ensure that it matches the DATEFORMAT, and resubmit the job.

## Source

DFSMSrmm

**Module**

EDGBKUP, EDGUPDT

**Routing code**

11

**Descriptor code**

7

---

**EDG6201E****SUBSYSTEM DATA AREA CONTAINED INCORRECT DATA****Explanation**

The current utility failed because incorrect data was passed to the DFSMSrmm subsystem.

**System action**

The utility fails.

**Operator response**

None.

**System programmer response**

Check the DFSMSrmm MESSAGE data set and the system log for additional error messages that might be related to the failing job. Contact the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGBKUP, EDGHSKP

---

**EDG6202E****FAILURE DURING DFSMSrmm SUBSYSTEM PROCESSING****Explanation**

A subsystem request from either EDGHSKP or EDGBKUP failed. When you request inventory management functions other than BACKUP, EDGHSKP uses a subsystem request to initiate the functions you request. During backup processing, the DFSMSrmm subsystem must be notified that backup is in progress and is completed. An error in the subsystem prevented notification from occurring.

**System action**

The program fails.

**Operator response**

None.

## Programmer response

Use the messages that have been issued to identify the cause of the error, correct the error and resubmit the job. You should refer to the message files MESSAGE and SYSPRINT to identify the error.

### Source

DFSMSrmm

### Module

EDGBKUP

---

<b>EDG6203E</b>	<b>FAILURE DURING DFSMSrmm SUBSYSTEM PROCESSING RETURN CODE <i>return_code</i></b>
-----------------	--

### Explanation

A subsystem request from either EDGHSKP or EDGBKUP has ended with an unexpected return code. When you request inventory management functions other than BACKUP, EDGHSKP uses a subsystem request to initiate the functions you request. During backup processing, the DFSMSrmm subsystem must be notified that backup is in progress and is completed. The DFSMSrmm subsystem has responded with a return code indicating the error is not known.

In the message text:

#### ***return\_code***

Value returned indicating the results of processing

### System action

The program fails.

### Operator response

None.

### System programmer response

Contact the IBM Support Center and have available the complete text of the message and any related messages. You should refer to the message files MESSAGE and SYSPRINT to obtain any related messages.

### Source

DFSMSrmm

### Module

EDGBKUP

---

<b>EDG6204E</b>	<b>USER NOT AUTHORIZED TO REQUEST SELECTED FUNCTION</b>
-----------------	---

### Explanation

The user is not authorized to request inventory management or backup processing.

### System action

The program fails.

## Operator response

None.

## Programmer response

Resubmit the job using the correct userid, or give the user RACF authorization to STGADMIN.EDG.HOUSEKEEP to request backup functions. Refer to *z/OS DFSMSrmm Implementation and Customization Guide* for information on security profiles and authorizing users.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6205E**

**DFSMSrmm INVENTORY MANAGEMENT FUNCTIONS ARE ACTIVE,  
REQUEST REJECTED**

## Explanation

The requested function cannot be run at this time because there are already inventory management functions in progress.

## System action

The program fails.

## Operator response

None.

## System programmer response

If inventory management was stopped because of failure in DFSMSrmm processing, you can correct the error situation by stopping and restarting DFSMSrmm. If DFSMSrmm issued message EDG0123D during start up, ensure that inventory management is not in progress on another system before replying to the message.

## Programmer response

Resubmit the job when inventory management is completed. If inventory management processing was canceled, stop and start DFSMSrmm to clear the problem.

## Source

DFSMSrmm

## Module

EDGBKUP, EDGHSKP, EDGUPDT

---

**EDG6206W**

**DFSMSrmm SUBSYSTEM INVENTORY MANAGEMENT REQUEST ON A  
SATELLITE FILE INCLUDED UNSUPPORTED FUNCTIONS**

## Explanation

The user has requested processing other than satellite, and backup for a DFSMSrmm satellite file.

**System action**

EDGHSKP performs the supported functions and ignores the other requests.

**Operator response**

None.

**Programmer response**

Correct the parameters so that only satellite file processing and backup are provided on future requests.

**Source**

DFSMSrmm

**Module**

EDGHSKP

---

**EDG6207E DFSMSrmm SUBSYSTEM UNABLE TO ALLOCATE AND OPEN THE INPUT AND OUTPUT DATA SETS SPECIFIED**

**Explanation**

The DFSMSrmm subsystem received incorrect data set names for the input and output file.

**System action**

The job fails.

**Operator response**

None.

**Programmer response**

Identify the error from the system messages issued. Correct the error and resubmit the job. All data sets must be permanent, cataloged, predefined data sets allocated with DISP=SHR.

**Source**

DFSMSrmm

**Module**

EDGHSKP

---

**EDG6208E INVENTORY MANAGEMENT CANNOT COMPLETE BECAUSE THE JOURNAL IS LOCKED - BACKUP CONTROL DATA SET AND RERUN IT**

**Explanation**

Inventory management cannot update information in the DFSMSrmm control data set because the journal data set is locked. This was caused by an operator replying 'L' to message EDG2104E.





## Explanation

The DFSMSrmm inventory management program detected that the data set name to be processed (for example as MESSAGE file, or as REPORT EXTRACT file) is already being processed in parallel by another inventory management job.

In the message text:

### *dsname*

Is the data set name that is already being processed by another inventory management job.

## System action

The job fails with return code 12.

## Operator response

None.

## Programmer response

Restart the job when the parallel run of inventory management processing that writes to the same data set has completed, or choose another preallocated data set name.

## Source

DFSMSrmm

## Module

EDGHSKP

---

**EDG6301E**

**DFSMSrmm SUBSYSTEM IS NOT ACTIVE**

## Explanation

The requested functions cannot be completed because the DFSMSrmm subsystem is not active. The subsystem interface is initialized but the DFSMSrmm subsystem is not active. Before the functions can be processed, the DFSMSrmm subsystem must be started and remain active.

## System action

The job fails.

## Operator response

Start the DFSMSrmm subsystem.

## Programmer response

Contact the operator and request that the subsystem be restarted.

## Source

DFSMSrmm

## Module

EDGHSKP, EDGUPDT

**Explanation**

The DFSMSrmm subsystem has not been defined to MVS.

**System action**

The job fails.

**Operator response**

Start the DFSMSrmm subsystem after installation has completed.

**Programmer response**

Refer to [\*z/OS DFSMSrmm Implementation and Customization Guide\*](#) for installation instructions.

**Source**

DFSMSrmm

**Module**

EDGHSKP, EDGUPDT

**Explanation**

A request failed because of an error in subsystem processing.

**System action**

The job fails.

**Operator response**

None.

**Programmer response**

Use the reported messages in the DFSMSrmm started task log, system log, job log, or message file to identify the cause of the error. Correct the error and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGHSKP, EDGUPDT

**Explanation**

A request failed because of an error in subsystem processing.

## System action

The job fails.

## Operator response

None.

## Programmer response

Use the reported messages to identify and correct the cause of the error. Then resubmit the job.

## Source

DFSMSrmm

## Module

EDGHSKP, EDGUPDT

---

**EDG6305E**

**UTILITY EDGHSKP MUST BE APF AUTHORIZED**

## Explanation

The utility EDGHSKP requires APF authorization for correct processing.

## System action

EDGHSKP fails.

## Operator response

None.

## System programmer response

EDGHSKP should reside in an authorized library and be link-edited to AC(1). Make sure that all STEPLIB and JOBLIB JCL statements refer to authorized libraries only.

If the error occurred because of an error in the installation process, or from improper packaging of DFSMSrmm, contact the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGHSKP

---

**EDG6306E**

**FAILURE DURING DFSMSrmm SUBSYSTEM PROCESSING RETURN  
CODE *return\_code***

## Explanation

The utility EDGHSKP subsystem request failed. DFSMSrmm returns *return\_code*.

In the message text:

### ***return\_code***

Value returned indicates the results of processing

## System action

EDGHSKP fails.

## Operator response

None.

## System programmer response

Confirm that DFSMSrmm is installed correctly. If DFSMSrmm is installed correctly, report the error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGHSKP

---

**EDG6310I** *action NOT SUPPORTED BY utility*

## Explanation

You are attempting to run one of the DFSMSrmm utilities with an unsupported execution parameter.

In the message text:

### *action*

Is the execution parameter. It can be one of UPDATE, RESTORE, and BACKUP.

### *utility*

The name of the program you tried to execute. It can be one of EDGUPDT and EDGBKUP.

## System action

The utility ends with return code 12.

## Operator response

N/A

## Source

DFSMSrmm

## Module

EDGUPDT,EDGBKUP

## Storage Administrator Response

Use a supported combination of utility and execution parameters, and rerun the job.

---

**EDG6311I** *function FAILED BECAUSE CDS RECORD NOT FOUND - JOURNAL  
RECORD NUMBER *number* RECORD TYPE *type* key*

## Explanation

You are running the EDGUPDT utility to apply JRNLTRAN records to the original CDS. The record to be processed no longer exists in the CDS.

In the message text:

### **function**

Is the original record update recorded in the journal. It can be one of ADD, CHANGE, and DELETE.

### **number**

The number (4 bytes in hexadecimal) of the journal record processed.

### **type**

The type of the journal record processed. It can be one of: V for volume, or D for data set.

### **key**

The partial key of the journal record processed.

- For a record type V, the volser is given.
- For a record type D, the data set name, file sequence number, and volser are listed.

## System action

EDGUPDT skips the current set of journal records and continues processing. A minimum return code of 4 is set.

## Operator response

N/A

## Source

DFSMSrmm

## Module

EDGUPDT

## Storage Administrator Response

Verify that updates on the production CDS have caused the record to be deleted.

---

**EDG6312E**

***function* FAILED BECAUSE PRE-CHANGE RECORD NOT IN JOURNAL -  
JOURNAL RECORD NUMBER *number* RECORD TYPE *type* key**

## Explanation

You are running the EDGUPDT utility to apply JRNLTRAN records to the original CDS. The record set to be processed is incomplete because the expected prechange copy of the CDS record is not found in the journal.

In the message text:

### **function**

Is the original record update recorded in the journal. It can be one of ADD, CHANGE, and DELETE.

### **number**

The number (4 bytes in hexadecimal) of the journal record processed.

### **type**

The type of the journal record processed. It can be one of: V for volume, or D for data set.

### **key**

The partial key of the journal record processed.

- For a record type V, the volser is given.

- For a record type D, the data set name, file sequence number, and volser are listed.

## System action

EDGUPDT skips the current set of journal records and continues processing. A minimum return code of 8 is set.

## Operator response

N/A

## Source

DFSMSrmm

## Module

EDGUPDT

## Storage Administrator Response

Report this error to the IBM Support Center. Retain a copy of the file used as the JOURNAL for this EDGUPDT run. Also locate the PDA trace data created during the time when the JRNLTRAN(YES) option created these journal records.

---

**EDG6313I** *function FAILED BECAUSE RECORD ALREADY EXISTS - ADD DATE date time JOURNAL RECORD NUMBER number RECORD TYPE type key*

## Explanation

You are running the EDGUPDT utility to apply JRNLTRAN records to the original CDS. The record to be added already exists in the CDS.

In the message text:

### **function**

Is the original record update recorded in the journal. It can be ADD.

### **date**

The Julian date on which the existing record was added to the CDS.

### **time**

The time (hh:mm:ss.t) on which the existing record was added to the CDS.

### **number**

The number (4 bytes in hexadecimal) of the journal record processed.

### **type**

The type of the journal record processed. It can be one of: V for volume, or D for data set.

### **key**

The partial key of the journal record processed.

- For a record type V, the volser is given.
- For a record type D, the data set name, file sequence number, and volser are listed.

## System action

EDGUPDT skips the current set of journal records and continues processing. A minimum return code of 4 is set.

## Operator response

N/A

## Source

DFSMSrmm

## Module

EDGUPDT

## Storage Administrator Response

Verify that updates on the production CDS caused the record to be added.

---

**EDG6314I** *function FAILED BECAUSE RECORD HAS CHANGED - CHANGE DATE  
date time JOURNAL RECORD NUMBER number RECORD TYPE type key*

## Explanation

You are running the EDGUPDT utility to apply JRNLTRAN records to the original CDS. The record to be updated has been changed in the CDS because the prechange record was created by JRNLTRAN(YES).

In the message text:

### **function**

Is the original record update recorded in the journal. It can be CHANGE or DELETE.

### **date**

The Julian date on which the existing record was changed to the CDS.

### **time**

The time (hh:mm:ss.t) on which the existing record was changed to the CDS.

### **number**

The number (4 bytes in hexadecimal) of the journal record processed.

### **type**

The type of the journal record processed. It can be one of: V for volume, or D for data set.

### **key**

The partial key of the journal record processed.

- For a record type V, the volser is given.
- For a record type D, the data set name, file sequence number, and volser are listed.

## System action

EDGUPDT skips the current set of journal records and continues processing. A minimum return code of 4 is set.

## Operator response

N/A

## Source

DFSMSrmm

## Module

EDGUPDT

## Storage Administrator Response

Verify that updates on the production CDS caused the record to be changed.

---

EDG6315E

***function* FAILED RETURN CODE *return\_code* REASON CODE *reason\_code*  
JOURNAL RECORD NUMBER *number* RECORD TYPE *type* key**

## Explanation

You are running the EDGUPDT utility to apply JRNLTRAN records to the original CDS. An unexpected error has been encountered.

In the message text:

### ***function***

Is the original record update recorded in the journal. It can be one of ADD, CHANGE, and DELETE.

### ***return\_code***

An internal DFSMSrmm value returned indicating the results of processing.

### ***reason\_code***

An internal DFSMSrmm value returned indicating the results of processing.

### ***number***

The number (4 bytes in hexadecimal) of the journal record processed.

### ***type***

The type of the journal record processed. It can be one of: V for volume, or D for data set.

### ***key***

The partial key of the journal record processed.

- For a record type V, the volser is given.
- For a record type D, the data set name, file sequence number, and volser are listed.

## System action

EDGUPDT skips the current set of journal records and continues processing. A minimum return code of 8 is set.

## Operator response

N/A

## Source

DFSMSrmm

## Module

EDGUPDT

## Storage Administrator Response

Report this error to the IBM Support Center. Retain a copy of the file used as the JOURNAL for this EDGUPDT run. Also locate the PDA trace data created during the time when the JRNLTRAN(YES) option created these journal records.

---

EDG6316I

***function* FAILED WITH I/O ERROR - JOURNAL RECORD NUMBER  
*number* RECORD TYPE *type* key**

## Explanation

You are running the EDGUPDT utility to apply JRNLTRAN records to the original CDS. An I/O error has occurred during DFSMSrmm subsystem processing.

In the message text:



**function**

Is the original record update recorded in the journal. It can be one of ADD, CHANGE, and DELETE.

**number**

The number (4 bytes in hexadecimal) of the journal record processed.

**type**

The type of the journal record processed. It can be one of: V for volume, or D for data set.

**key**

The partial key of the journal record processed.

- For a record type V, the volser is given.
- For a record type D, the data set name, file sequence number, and volser are listed.

**System action**

EDGUPDT processing ends with the return code of 12.

**Operator response**

N/A

**System programmer response**

Identify the cause of the error using the SYSLOG and take the appropriate recovery action for the DFSMSrmm error messages found.

**Source**

DFSMSrmm

**Module**

EDGUPDT

**Storage Administrator Response**

Notify the system programmer.

---

**EDG6317I****UPDATE PROCESSING ENDED - NO JRNLTRAN CREATED JOURNAL  
RECORDS FOUND****Explanation**

You are running the EDGUPDT utility to apply JRNLTRAN records to the original CDS. No journal records created by JRNLTRAN processing were found. If you specified a TARGETDATE, no records were found before that target date and time.

**System action**

The utility ends with return code 4.

**Operator response**

N/A

**Source**

DFSMSrmm

## Module

EDGUPDT

## Storage Administrator Response

Verify that you have been using the correct journal or journal backups. Ensure that DFSMSrmm was running with OPTION JRNLTRAN(YES).

---

**EDG6318I**

***function* CANNOT COMPLETE BECAUSE THE JOURNAL IS LOCKED -  
JOURNAL RECORD NUMBER *number* RECORD TYPE *type* key**

## Explanation

You are running the EDGUPDT utility to apply JRNLTRAN records to the original CDS. No further updates can be processed because the active DFSMSrmm journal is now locked. This was caused by an operator replying 'L' to message EDG2104E.

In the message text:

### ***function***

Is the original record update recorded in the journal. It can be one of ADD, CHANGE, and DELETE.

### ***number***

The number (4 bytes in hexadecimal) of the journal record processed.

### ***type***

The type of the journal record processed. It can be one of: V for volume, or D for data set.

### ***key***

The partial key of the journal record processed.

- For a record type V, the volser is given.
- For a record type D, the data set name, file sequence number, and volser are listed.

## System action

EDGUPDT processing ends with the return code of 12.

## Operator response

N/A

## System programmer response

Identify the cause of the error using the SYSLOG and take the appropriate recovery action for the DFSMSrmm error messages found. You can run the EDGHSKP utility with one of the BACKUP parameter options to backup and clear the journal.

## Source

DFSMSrmm

## Module

EDGUPDT

## Storage Administrator Response

Notify the system programmer. When the backup is completed successfully, rerun EDGUPDT by resubmitting the job.

**Explanation**

You are running the EDGUPDT utility to apply JRNLTRAN records to the original CDS, but you are not authorized to use the utility.

In the message text:

***function***

Is UPDATE.

**System action**

EDGUPDT processing ends with the return code of 12.

**Operator response**

N/A

**Source**

DFSMSrmm

**Module**

EDGUPDT

**Storage Administrator Response**

Ensure that you have the correct level of authorization for using EDGUPDT. UPDATE access is required to the FACILITY class resource STGADMIN.EDG.EDGUPDT.UPDATE. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information for authorizing users.

**Explanation**

The utilities EDGUPDT and EDGBKUP require APF authorization for correct processing.

In the message text:

***utility***

Is one of EDGUPDT and EDGBKUP.

**System action**

The utility fails with return code 12.

**Operator response**

None.

**System programmer response**

EDGUPDT and EDGBKUP should reside in an authorized library and be link-edited to AC(1). Make sure that all STEPLIB and JOBLIB JCL statements refer to authorized libraries only. If the error occurred because of an error in the installation process, or from improper packaging of DFSMSrmm, contact the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGUPDT, EDGBKUP

---

**EDG6321E****MASTER DDNAME NOT ALLOWED FOR UPDATE****Explanation**

You attempted to provide the DFSMSrmm control data set using the MASTER DD statement. This is not allowed. Use the EDGUPDT utility with the UPDATE parameter to update the active DFSMSrmm CDS with record updates created during testing or recovery.

**System action**

The utility fails with return code 12.

**Operator response**

None.

**System programmer response**

Remove the MASTER DD statement from the JCL and rerun the update request.

**Source**

DFSMSrmm

**Module**

EDGUPDT

---

**EDG6401I****MASTER FILE BACKUP SUCCESSFUL****Explanation**

The DFSMSrmm control data set was backed up successfully.

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGBKUP

---

**EDG6402E*****dsname* DATA SET BACKUP FAILED**

## Explanation

An error occurred during the backup of the DFSMSrmm control data set or the journal.

In the message text:

### *dsname*

The name of the DD statement for which the backup request failed. One of the values:

- MASTER
- JOURNAL

## System action

The job fails.

## Operator response

None.

## Programmer response

Use the messages issued to determine the cause of the error and re-run the job.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6403I**

**CONTROL DATA SET REORGANIZATION SUCCESSFUL**

## Explanation

This message is issued for information only. The DFSMSrmm control data set has been reorganized.

## System action

Processing continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6404I**

**CONTROL DATA SET RESTORE SUCCESSFUL**

## Explanation

This message is issued for information only. The DFSMSrmm control data set has been restored.

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGBKUP

---

**EDG6405E****CONTROL DATA SET REORGANIZATION FAILED****Explanation**

The DFSMSrmm control data set was not reorganized as requested.

**System action**

The job fails.

**Operator response**

None.

**Programmer response**

Use the system messages to identify the cause of the error and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGBKUP

---

**EDG6406E****CONTROL DATA SET RESTORE FAILED****Explanation**

The DFSMSrmm control data set was not restored as requested because the DFSMSrmm control data set backup copy did not have any records in it.

**System action**

The job fails.

**Operator response**

None.

## Programmer response

Check to see if the correct DFSMSrmm control data set backup copy was specified in the job to restore the DFSMSrmm control data set. Use the correct control data set backup copy and re-submit the job.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6407I** CONTROL DATA SET UPDATE FROM *ddname* IS SUCCESSFUL

## Explanation

This message is issued for information only. The journal update phase of the DFSMSrmm control data set restore processing has restored the control data set.

In the message text:

### *ddname*

A DD name and can be one of the following statements:

- JOURNAL
- SMFIN

## System action

Processing continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6408W** CONTROL DATA SET UPDATE FROM *ddname* COMPLETED WITH ERRORS

## Explanation

Errors occurred during the journal update portion of the DFSMSrmm control data set restore or updated processing.

In the message text:

### *ddname*

A DD name and can be one of the following statements:

- JOURNAL
- SMFIN

## System action

Processing continues.

## Operator response

None.

## Programmer response

Use the messages to identify the cause of the error and resubmit the job.

## Source

DFSMSrmm

## Module

EDGBKUP, EDGUPDT

---

**EDG6409E**

**CONTROL DATA SET UPDATE FROM *ddname* FAILED**

## Explanation

The journal update portion of the DFSMSrmm control data set restore processing failed.

In the message text:

### ***ddname***

A DD name and can be one of the following statements:

- JOURNAL
- SMFIN

## System action

The program fails.

## Operator response

None.

## Programmer response

Use the messages to identify the cause of the error and resubmit the job.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6410I**

**NUMBER OF RECORDS ADDED TO CONTROL DATA SET = *number***

## Explanation

This message is issued for information only. DFSMSrmm has added the specified *number* of records to the DFSMSrmm control data set during forward recovery processing.



In the message text:

***number***

Is the number of records added to the DFSMSrmm control data set

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGBKUP, EDGUPDT

---

**EDG6411I**

**NUMBER OF RECORDS UPDATED IN CONTROL DATA SET = *number***

**Explanation**

This message is issued for information only. DFSMSrmm has updated the specified *number* of records in the DFSMSrmm control data set during forward recovery processing.

In the message text:

***number***

Is the number of records updated in the DFSMSrmm control data set

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGBKUP, EDGUPDT

---

**EDG6412I**

**NUMBER OF RECORDS DELETED FROM CONTROL DATA SET = *number***

**Explanation**

This message is issued for information only. DFSMSrmm has deleted the specified number of records from the DFSMSrmm control data set during forward recovery processing.

***number***

Is the number of records deleted from the DFSMSrmm control data set

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGBKUP, EDGUPDT

---

**EDG6413I****CONTROL DATA SET CONTROL RECORD CREATED SUCCESSFULLY****Explanation**

This message is issued for information only. The DFSMSrmm control data set control record has been created.

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6414E****CONTROL DATA SET CONTROL RECORD CREATE FAILED****Explanation**

An error occurred and prevented the DFSMSrmm control data set control record from being created.

**System action**

The request fails.

**Operator response**

None.

**Programmer response**

Refer to error messages issued and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6415I****CONTROL DATA SET CONTROL RECORD UPDATED SUCCESSFULLY****Explanation**

This message is issued for information only. The DFSMSrmm control data set control record has been successfully updated by the DFSMSrmm utility.

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6416E****CONTROL DATA SET CONTROL RECORD UPDATE FAILED****Explanation**

An error occurred during the update of the DFSMSrmm control data set control record.

**System action**

The request fails.

**Operator response**

None.

**Programmer response**

Correct the error and resubmit the job.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6417I****CONTROL DATA SET VERIFY SUCCESSFUL****Explanation**

This message is issued for information only. The DFSMSrmm control data set has been verified.

**System action**

Processing continues

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6418W****CONTROL DATA SET VERIFY COMPLETED WITH ERRORS****Explanation**

The DFSMSrmm control data set verification completed with errors.

**System action**

The DFSMSrmm utility stops.

**Operator response**

None.

**Programmer response**

Refer to the warning messages issued during the execution of the utility, EDGUTIL.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6419E****CONTROL DATA SET VERIFY FAILED****Explanation**

DFSMSrmm control data set verification failed.

**System action**

The utility stops.

**Operator response**

None.

**Programmer response**

Refer to the error messages issued to determine the cause of the error and retry the utility.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6420I****PROCESSING ENDED - INVENTORY MANAGEMENT CURRENTLY IN  
PROGRESS****Explanation**

The requested function cannot be completed because some inventory management function is currently in progress.

**System action**

The utility stops.

**Operator response**

None.

**Programmer response**

Resubmit the job when the existing inventory management functions have completed.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6421I****INCOMPLETE SET OF JOURNAL RECORDS IGNORED FOR RECOVERY****Explanation**

During forward recovery of the DFSMSrmm control data set from a backup with use of the journal data set, DFSMSrmm found that the latest journal entry was incomplete. This could indicate that either:

- The system failed during journal processing
- The journal was full
- There was an I/O error updating the journal.

In any case, the DFSMSrmm control data set would not have been updated with the intended change, and a recovery would have been attempted.

During recovery from a failed update to the control data set, this situation is normal and recovery processing has been successful.

During SMFIN forward recovery, journal records are created from SMF records. This might have caused the JOURNAL DD entry specified in the message to have been created.

## System action

The DFSMSrmm control data set has been forward-recovered to just before the time of the error encountered while updating the control data set. DFSMSrmm sets a minimum return code of 4. DFSMSrmm can now be restarted.

## Operator response

None.

## System programmer response

Ensure that the update that failed is identified and is rerun, along with any other requests that were rejected by DFSMSrmm.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6422I**

**BACKUP OF CONTROL DATA SET REJECTED - RECOVERY OF CONTROL DATA SET REQUIRED FIRST**

## Explanation

DFSMSrmm checks that any previous update of the DFSMSrmm control data set has completed successfully before it backs up the DFSMSrmm control data set. In this case, DFSMSrmm found that a previous update of the control data set had failed. DFSMSrmm was probably stopped during recovery and the recovery actions were not performed.

## System action

The EDGBKUP utility stops and the requested DFSMSrmm control data set backup is not performed.

## Operator response

None.

## System programmer response

Before backup can be performed, you must correct this error. See messages EDG2110I through EDG2116A, which are already issued by DFSMSrmm. If you need to backup and restore the current control data set to perform manual recovery for EDG2116A, you can use EDGBKUP with the BACKUP(REORG) parameter or use IDCAMS REPRO to reorganize the control data set. To recover the control data set:

- Restart the DFSMSrmm address space to allow automatic recovery to be attempted.
- Perform manual recovery of the DFSMSrmm control data set using the journal, if it is available.

Once recovery is successful, you can retry the backup request.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6423I**

**CONTROL DATA SET INDICATES A PREVIOUS FAILED CONTROL DATA SET UPDATE**

### Explanation

DFSMSrmm checks that previous updates of the DFSMSrmm control data set were successful before forward recovering the control data set. In this case, DFSMSrmm found that a previous update of the DFSMSrmm control data set had failed and could not be corrected by this forward recovery. Either the previous update occurred some time before and was present at the time of the backup, or you are using the current control data set. If you were using a restored backup, the backup was probably taken with a utility other than EDGBKUP. DFSMSrmm was probably stopped during recovery and the recovery actions not performed.

### System action

The EDGBKUP utility completes the forward recovery of the DFSMSrmm control data set. The utility sets return code 8 and updates the control records of the recovered control data set to indicate recovery is in error.

### Operator response

None.

### System programmer response

You can correct the original error, rather than use the current attempt at recovery, by finding the correct copy of the journal that was in use at the time of the original back up. See messages EDG2110I through EDG2116A for guidance. To recover:

- Restart the DFSMSrmm address space, using the correct journal, to enable automatic recovery to be attempted.
- Perform manual recovery of the DFSMSrmm control data set using the journal, if it is available.

Otherwise, check that the correct DFSMSrmm control data set has been used for this recovery request. Ignore this error if you are aware, for example, that you have lost a particular backup of the DFSMSrmm control data set. If you are not expecting the error, you should select the correct backups and retry recovery. Run the EDGUTIL utility with VERIFY(ALL). When this completes with return code zero, the DFSMSrmm control data set error indicators are reset.

### Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6424E**

**FORWARD RECOVERY START POINT NOT FOUND IN JOURNAL**

### Explanation

During EDGBKUP forward recovery of the DFSMSrmm control data set, DFSMSrmm found that the journal did not contain the records that match to the control data set that is being recovered.

This is the result of using the wrong DFSMSrmm control data set, the wrong journal, or running EDGUTIL on the control data set before forward recovery. If concatenated journal backups have been input to EDGBKUP, this message applies to all the data sets in the concatenation. DFSMSrmm was unable to find the journal records to match the control data set. There might be no journal records that are more recent than the restored control

data set backup, or the journal records created since the start of the control data set backup are not present in the journal concatenation.

During SMFIN forward recovery, journal records are created from SMF records. This might have caused the JOURNAL DD entry specified in the message to have been created.

## System action

The EDGBKUP utility continues with the forward recovery request and sets return code 4. If any journal records have a more recent time stamp than the control data set, they are used for forward recovery.

## Operator response

None.

## System programmer response

Ensure that the correct DFSMSrmm control data set and journal have been used for this recovery request. To see if any journal records have been processed, look for the EDG6410I, EDG6411I, and EDG6412I messages in the SYSPRINT file. Use the information in message EDG6431I to check the control data set and journal time stamps. If the control data set time stamp is between the start and end times from the journal, all possible records have been recovered from the journal.

You can ignore this error if you understand why the situation occurred. For example, if you know that you might have lost a particular backup of the DFSMSrmm control data set or journal, you can ignore this error. To respond to the error, you should select the correct backups and retry recovery. Run the EDGUTIL utility with VERIFY(ALL). When this completes with return code zero, the DFSMSrmm control data set error indicators are reset.

If the control data set backup was created using the BACKUP(DSS) option, any restore of the control data set must use the journal backup taken at the same time as the control data set backup. If you do not use the journal backup taken at the same time, you will have missing journal records. To correct the error, add the name of the journal backup that should be used. For recovery from the latest control data set backup, use the latest journal backup and the active journal.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6425E**

**JOURNAL INPUT CONTAINS DATA SETS OUT OF SEQUENCE -  
CONCATENATION NUMBER *number***

## Explanation

During EDGBKUP recovery of the DFSMSrmm control data set, DFSMSrmm found that the journal consisted of concatenated, multiple data sets, and that the correct concatenation sequence has not been used.

This is the result of either using the wrong journal backups or the wrong data set sequence.

In the message text:

### ***number***

The number of the data set in the list of concatenated data sets. The first data set in the list is concatenation number 0.

During SMFIN forward recovery, journal records are created from SMF records. This might have caused the JOURNAL DD entry specified in the message to have been created.



## System action

The EDGBKUP utility continues with the forward recovery request, sets return code 8, and updates the control records of the recovered DFSMSrmm control data set to indicate recovery is in error.

## Operator response

None.

## System programmer response

Check that the correct journal backup copies have been used for this recovery request. Ignore this error if you understand exactly why the situation has happened. For example, you might have lost a particular backup of the journal. If you are not expecting the error, you should select the correct backups and retry recovery. Run the EDGUTIL utility with VERIFY(ALL). When this completes with return code zero, the DFSMSrmm control data set error indicators are reset.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6426I**

**CONTROL DATA SET AND JOURNAL BACKUP SUCCESSFUL**

## Explanation

This message is issued for information only. The DFSMSrmm control data set and the journal were backed up successfully.

## System action

Processing continues.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6427I**

**FORWARD RECOVERY ONLY WILL BE PERFORMED**

## Explanation

This message is issued for information only. DFSMSrmm performs forward recovery of the DFSMSrmm control data set from the journal without a restore, because a backup copy of the DFSMSrmm control data set was not provided.

## System action

Processing continues.



## Explanation

A record had a lower date/time than the previous record and originated from a different system to the previous record, indicating the TOD clocks might not be synchronized.

In the message text:

### ***record\_number***

The record number within a journal.

### ***number***

The number of the data set in the list of concatenated data sets. The first data set in the list is concatenation number 0.

## System action

Return code 4 is set and processing continues.

## Operator response

None.

## System programmer response

Ensure that TOD clocks for all sharing systems are synchronized.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6430E**

**AN INCOMPLETE SET OF JOURNAL RECORDS READ AND IGNORED -  
PRIOR TO RECORD *record\_number* IN CONCATENATION NUMBER  
*number***

## Explanation

During forward recovery of a multiple-record update set, DFSMSrmm found a record that was not part of the set.

In the message text:

### ***record\_number***

The record number within a journal.

### ***number***

The number of the data set in the list of concatenated data sets. The first data set in the list is concatenation number 0.

During SMFIN forward recovery, journal records are created from SMF records. This might have caused the JOURNAL DD entry specified in the message to have been created.

## System action

The multiple-record set is ignored and processing continues. Return code 8 is set, and the control record of the recovered DFSMSrmm control data set is updated to show that recovery is in error.

## Operator response

None.

## System programmer response

Run the EDGUTIL utility with VERIFY(ALL). When this completes with return code zero, the DFSMSrmm control data set error indicators are reset.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6431I** THE CONTROL DATA SET TIMESTAMPED *cds\_date* WAS *function* FROM JOURNAL RECORDS BETWEEN *low\_date* AND *high\_date*

## Explanation

DFSMSrmm issues this message for information only. This is a summary record from forward recovery or update processing.

In the message text:

### ***cds\_date***

The time stamp of the restored or recovered control data set.

### ***function***

This is either UPDATED or FORWARD RECOVERED.

### ***low\_date***

The lowest journal record time stamp read for forward recovery.

### ***high\_date***

The highest journal record time stamp read for forward recovery.

During SMFIN forward recovery, journal records are created from SMF records. This might have caused the JOURNAL DD entry specified in the message to have been created.

## System action

Processing continues.

## Operator response

None.

## System programmer response

DFSMSrmm issues this message whether processing is successful. If the utility return code is nonzero, use the timestamps in the message text to validate that the correct time range of journal records has been used. If the message EDG6424E accompanies forward recovery processing, it might be that none of the journal records has been used for forward recovery. This can happen when all the journal records are older than the control data set backup. If the message EDG6317I accompanies update processing, it might be that none of the journal records has been used for update processing. This can happen when none of the JRNLTRAN created journal records are within the target date.

## Source

DFSMSrmm

## Module

EDGBKUP, EDGUPDT

---

**EDG6432E**

**A FORMAT 0 JOURNAL RECORD WAS ENCOUNTERED - RECORD  
*record\_number* IN CONCATENATION NUMBER *number***

## Explanation

A down-level journal record was found in the journal input.

In the message text:

### ***record\_number***

The record number within a journal.

### ***number***

The number of the data set in the list of concatenated data sets. The first data set in the list is concatenation number 0.

## System action

Return code 8 is set and processing continues. The control record of the recovered DFSMSrmm control data set is updated to show that recovery is in error.

## Operator response

None.

## System programmer response

Ensure that all sharing systems are at the required level of DFSMSrmm, and that the correct journals have been supplied. Run the EDGUTIL utility with VERIFY(ALL). When this completes with return code zero, the DFSMSrmm control data set error indicators are reset.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6433I**

**STARTING VERIFICATION OF *record\_type* RECORDS**

## Explanation

DFSMSrmm utility, EDGUTIL, is checking the validity of *record\_type* records in the control data set.

In the message text:

### ***record\_type***

The possible values for this string are:

#### **DATA SET**

Data set records

#### **OWNER**

Owner records

#### **PRODUCT**

Product records

**RACK**

All types of rack number records

**STORE**

Bin numbers in all storage locations

**VOLUME**

Volume records

**VRS**

Vital records specification records

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6434I****NO *record\_type* RECORDS IN CONTROL DATA SET****Explanation**

DFSMSrmm utility, EDGUTIL, found no records of type *record\_type* in the control data set to verify.

In the message text:

***record\_type***

The possible values for this string are:

**DATA SET**

Indicating that the control data set contains no data set information

**EMPTY BIN**

Indicating that the control data set contains no bin number records which are currently empty

**EMPTY RACK**

Indicating that the control data set contains no rack records which are currently empty

**INUSE BIN**

Indicating that the control data set contains no bin number records containing volumes

**INUSE RACK**

Indicating that the control data set contains no rack number records containing private volumes

**OWNER**

Indicating that the control data set contains no owner records

**PRODUCT**

Indicating that the control data set contains no product records

**SCRATCH RACK**

Indicating that the control data set contains no rack records containing scratch volumes

**VOLUME**

Indicating that the control data set contains no volume records

**VRS**

Indicating that the control data set contains no vital records specifications

**System action**

Processing continues. This message does not usually indicate an error unless you expect the control data set to contain records of the type *record\_type*.

**Operator response**

None.

**System programmer response**

If you expect records of the type *record\_type* in the control data set, inform the IBM Support Center.

**Programmer response**

Consider whether it is reasonable that records of the type *record\_type* should not be in the control data set. If you expect records of the type *record\_type* in the control data set, inform the system programmer.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6435I****JOURNAL BACKUP SUCCESSFUL****Explanation**

DFSMSrmm issues this message for information only. The journal was backed up successfully.

**System action**

Processing continues.

**Operator response**

None.

**Programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGBKUP

---

**EDG6436W*****function ENDED AT date time BEFORE TARGET DATE REACHED***

## Explanation

The control data set has either been forward recovered from either the SMFIN or JOURNAL file, or updated from the JOURNAL, and the target date specified was greater than the highest input record creation date.

In the message text:

### **function**

Is one of FORWARD, RECOVERY, and UPDATE.

### **date time**

The creation date and time of the most recent SMF or JOURNAL record found in the input. Date is Julian format YYYY/DDD and time is HH:MM:SS.t.

## System action

Processing completes forward recovery with return code 4.

## Operator response

None.

## Programmer response

Review your update or forward recovery input data to ensure that all available input records are provided. Check and correct the target date. Rerun the job if a different forward recovery target is required.

## Source

DFSMSrmm

## Module

EDGBKUP, EDGUPDT

## Routing code

11

## Descriptor code

7

---

**EDG6437E**

**NO DFSMSrmm SMF RECORDS FOUND IN THE SMFIN FILE**

## Explanation

The attempt to forward recover the control data set from unloaded SMF audit records failed. The specified SMFIN DD statement contained no IBM SMF type 42 and subtype 22 records.

## System action

The program ends with return code 12.

## Operator response

None.

## Programmer response

Review your SMF data and correct the SMFIN DD statement before you resubmit the job.



## Source

DFSMSrmm

## Module

EDGBKUP

## Routing code

11

## Descriptor code

7

---

**EDG6501W** *entry\_type1* ENTRY *entry\_value1* AND *entry\_type2* ENTRY *entry\_value2*  
CONTAIN INCONSISTENT *text* INFORMATION

## Explanation

The utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set. An error during a DFSMSrmm control data set update might have caused the error.

In the message text:

### ***entry\_type1***

Type of DFSMSrmm control data set entry, which can be:

#### **Record Key**

#### **Message Insert**

**D**

DATASET

**K**

VRS

**O**

OWNER

**P**

PRODUCT

**E**

EMPTY RACK

**F**

SCRATCH RACK

**U**

IN-USE RACK

**R**

EMPTY BIN

**S**

IN-USE BIN

**V**

VOLUME

### ***entry\_value1***

The value defined in the DFSMSrmm control data set for *entry\_type1*

If the entry type is a BIN, the entry value will be one of the following values:

***bin\_number(location)***

Providing the bin number and location name for a shelf location in one of the built-in storage locations.

***bin\_number(location) MEDIANAME(media\_name)***

Providing the bin number, location name, and media name values for a shelf location in one of your installation defined storage locations.

If the entry type is a RACK, the entry value will be the following:

***rack\_number(media\_name)***

Providing the rack number and media name for a shelf location in the installation media library.

***entry\_type2***

Type of DFSMSrmm control data set entry, which can be:

**Record Key****Message Insert****D**

DATASET

**K**

VRS

**O**

OWNER

**P**

PRODUCT

**E**

EMPTY RACK

**F**

SCRATCH RACK

**U**

IN-USE RACK

**R**

EMPTY BIN

**S**

IN-USE BIN

**V**

VOLUME

***entry\_value2***

The value defined in the DFSMSrmm control data set for *entry\_type2*

If the entry type is a BIN, the entry value will be one of the following:

***bin\_number(location)***

Providing the bin number and location name for a shelf location in one of the built-in storage locations.

***bin\_number(location) MEDIANAME(media\_name)***

Providing the bin number, location name, and media name values for a shelf location in one of your installation defined storage locations.

If the entry type is a RACK, the entry value will be the following:

***rack\_number(media\_name)***

Providing the rack number and media name for a shelf location in the installation media library.

***text***

Type of inconsistency, which can be:

- VOLUME
- BIN NUMBER
- MEDIANAME

- RACK TYPE
- RACK NUMBER
- OWNER
- LOCATION
- LOCATION TYPE
- PRODUCT

### System action

Processing continues. A minimum return code of 4 is set.

### Operator response

None.

### System programmer response

Use the DFSMSrmm TSO subcommands or DFSMSrmm ISPF dialog to correct the error, if possible. For example, to return the volume to scratch status, issue RMM CHANGEVOLUME *volser* STATUS(USER). Then issue RMM DELETEVOLUME *volser* to delete the volume. Run DFSMSrmm inventory management to update the control data set to reflect these changes. If the error cannot be corrected, restore the DFSMSrmm control data set using the latest backup copy.

### Source

DFSMSrmm

### Module

EDGUTIL

---

**EDG6502W** *entry\_type1* ENTRY *entry\_value1* POINTED TO BY *entry\_type2* ENTRY *entry\_value2* DOES NOT EXIST

### Explanation

The utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set. The entry specified as *entry\_name1* refers to a non-existent entry, specified as *entry\_name2*.

In the message text:

#### ***entry\_type1***

Type of DFSMSrmm control data set entry, which can be:

- ASSIGNED BIN
- DATASET
- EMPTY BIN
- EMPTY RACK
- IN-USE RACK
- OWNER
- PRODUCT
- SCRATCH RACK
- UNKNOWN TYPE
- VOLUME
- VRS

**entry\_value1**

The value defined in the DFSMSrmm control data set for *entry\_type1*

**entry\_type2**

Type of DFSMSrmm control data set entry, which can be:

- ASSIGNED BIN
- DATASET
- EMPTY BIN
- EMPTY RACK
- IN-USE RACK
- OWNER
- PRODUCT
- SCRATCH RACK
- UNKNOWN TYPE
- VOLUME
- VRS

**entry\_value2**

The value defined in the DFSMSrmm control data set for *entry\_type2*

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

Identify the cause of the error using the DFSMSrmm TSO subcommands or DFSMSrmm ISPF dialog and correct the error. If VTS support is installed, you must run EDGUTIL on the system where VTS is installed. Re-run EDGUTIL on the correct system. If the error cannot be corrected, restore the DFSMSrmm control data set using the latest backup copy.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6503W****VOLUME *volser* NOT FOUND IN *owner\_name* OWNER ENTRY****Explanation**

The utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set. The volume entry contains an owner name, but the owner information does not contain information about the volume.

In the message text:

***volser***

Volume serial number

***owner\_name***

The name of an owner defined to DFSMSrmm

## System action

Processing continues.

## Operator response

None.

## System programmer response

You might be able to correct this error as follows:

1. Use the RMM CHANGEVOLUME subcommand to change the owner of the volume to any other owner. For example, issue RMM CHANGEVOLUME volser OWNER(DUMMY).
2. Issue the CHANGEVOLUME request again to change the volume back to its original owner: the *owner\_name* contained in this message, RMM CHANGEVOLUME volser OWNER(*owner\_name*).
3. Rerun EDGUTIL to verify you have corrected the error.

If the error cannot be corrected, restore the DFSMSrmm control data set using the latest backup copy.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6504W**

***volser1* VOLUME ENTRY AND *volser2* VOLUME ENTRY HAVE  
INCONSISTENT SEQUENCE INFORMATION - REASON CODE  
*reason\_code***

## Explanation

The utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set, and encountered an error.

In the message text:

### ***volser1***

Volume serial number in a multiple volume sequence

### ***volser2***

The previous volume serial number in the sequence

### ***reason\_code***

**1**

Volume entry *volser1* is part of a multiple volume sequence. *volser2* is the previous volume in the sequence. *volser2* does not identify *volser1* as the next volume in the sequence.

**2**

Volume entry *volser1* is part of a multiple volume sequence. *volser2* is the next volume in the sequence. *volser2* does not identify *volser1* as the previous volume in the sequence.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Change the sequence information using the DFSMSrmm TSO subcommands or DFSMSrmm ISPF dialog. If the error cannot be corrected, restore the DFSMSrmm control data set using the latest backup copy.

### Source

DFSMSrmm

### Module

EDGUTIL

---

**EDG6505W** *volser1* VOLUME ENTRY POINTED TO BY *volser2* VOLUME ENTRY DOES NOT EXIST - REASON CODE *reason\_code*

### Explanation

The utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set.

In the message text:

#### ***volser1***

Volume serial number in a multiple volume sequence

#### ***volser2***

The previous volume serial number in the sequence

#### ***reason\_code***

**1**

Volume entry *volser2* is part of a multiple volume sequence. *volser1* is the previous volume in the sequence and does not exist.

**2**

Volume entry *volser2* is part of a multiple volume sequence. *volser1* is the next volume in the sequence and does not exist.

### System action

Processing continues.

### Operator response

None.

## System programmer response

Add the missing volume, or remove the volume sequence information, using the DFSMSrmm TSO subcommands or DFSMSrmm ISPF dialog and correct the error, if possible. If the error cannot be corrected, restore the DFSMSrmm control data set using the latest backup copy.

### Source

DFSMSrmm

### Module

EDGUTIL

---

**EDG6506W** *dsname1* DATA SET ENTRY AND *dsname2* DATA SET ENTRY HAVE INCONSISTENT SEQUENCE INFORMATION - REASON CODE = *reason\_code*

## Explanation

The utility, EDGUTIL, has found inconsistent information in the DFSMSrmm control data set.

In the message text:

### ***dsname1***

Data set name

### ***dsname2***

Data set name

### ***reason\_code***

Can be:

**1**

Data set entry *dsname1* and *dsname2* are part of a multiple data set sequence. *dsname2* is the next data set name on the volume. Data set entry *dsname2* does not identify *dsname1* as the previous data set name in the sequence.

**2**

Data set entry *dsname1* and *dsname2* are part of a multiple data set sequence. *dsname2* is the previous data set name on the volume. Data set entry *dsname2* does not contain *dsname1* as the next data set name in the sequence.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Put the data sets in the correct sequence, by using the DFSMSrmm TSO subcommands or DFSMSrmm ISPF dialog, and correct the error, if possible. If the error cannot be corrected, restore the DFSMSrmm control data set using the latest backup copy.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6507W**

***dsname1* DATA SET ENTRY POINTED TO BY *dsname2* DATA SET ENTRY  
DOES NOT EXIST - REASON CODE = *reason\_code***

## Explanation

The DFSMSrmm utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set.

In the message text:

### ***dsname1***

Data set name

### ***dsname2***

Data set name

### ***reason\_code***

Can be:

1

Data set entry *dsname2* and *dsname1* are part of a multiple data set sequence. *dsname1* is the next data set name on the volume but does not exist.

2

Data set entry *dsname2* and *dsname1* are part of a multiple data set sequence. *dsname1* is the previous data set name on the volume but does not exist.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Add the missing data set entry or remove the data set sequence information using the RMM ADDDATASET or DELETEDATASET subcommands or DFSMSrmm ISPF dialog. Then reissue the request. If the error cannot be corrected, restore the DFSMSrmm control data set using the latest backup copy.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6508W**

**OWNER *owner\_name* VOLUME INFORMATION IS INCOMPLETE**

## Explanation

The utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set. The list of volumes for the named owner is incomplete. The end of the list indicator is missing.

In the message text:

***owner\_name***

The name of the owner

## System action

Processing continues.

## Operator response

None.

## System programmer response

You might be able to correct this error as follows:

1. Use the RMM SEARCHVOLUME subcommand to find all the volumes owned by the owner in the message text. Note the last volume in the list.
2. Use the RMM ADDVOLUME subcommand to add a free volume for the owner. Specify next free volume after the last one in the list. For example, if XX0087 is the last volume in the list, add XX0088, if it is free.
3. Rerun EDGUTIL to verify that you have corrected the error.
4. Use RMM DELETEVOLUME to remove the volume you added to fix the error.



If the error cannot be corrected, restore the DFSMSrmm control data set using the latest backup copy.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6509W** *owner\_name* OWNER DETAILS ENTRY MISSING

## Explanation

The utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set. DFSMSrmm has found that volumes are owned by the specified *owner\_name*, but that the owner is not defined to DFSMSrmm.

### *owner\_name*

The name of the owner not defined to DFSMSrmm

## System action

Processing continues.

## Operator response

None.

## System programmer response

Add the missing owner information, using the RMM ADDOWNER subcommand, or DFSMSrmm ISPF OWNER dialog, and correct the error, if possible. If the error cannot be corrected, restore the DFSMSrmm control data set using the latest backup copy.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6510I** DFSMSrmm VOLUME STATUS *status1* AND VOLUME CATALOG STATUS *status2* ARE INCONSISTENT FOR VOLUME *volser*

## Explanation

The utility, EDGUTIL, is verifying the consistency of volume information in the DFSMSrmm control data set with the volume catalog. At some time, the volume catalog might have been updated without the knowledge of DFSMSrmm.

In the message text:

### *status1*

This is the volume status from the DFSMSrmm control data set. It can be one of the following values:

- MASTER
- USER
- SCRATCH

The DFSMSrmm status values MASTER and USER are equivalent to the volume catalog status PRIVATE.

**status2**

This is the volume status from the volume catalog. It can be one of the following values:

- PRIVATE
- SCRATCH

The DFSMSrmm status values MASTER and USER are equivalent to the volume catalog status PRIVATE.

**volser**

This is the volume serial number of the volume with the inconsistent status.

**System action**

Processing continues. A minimum return code of 0 is set.

**Operator response**

None.

**System programmer response**

You can use the DFSMSrmm TSO subcommands or DFSMSrmm ISPF dialog, and either ISMF or IDCAMS, to list detailed information for the volume. Use the information to determine the status of the volume and take corrective action. If the volume catalog information is wrong, you can use either ISMF or IDCAMS to correct the status. If the DFSMSrmm control data set is wrong, you can use DFSMSrmm TSO subcommands to correct the status.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6511I**

**DFSMSrmm VOLUME LIBRARY NAME *library1* AND VOLUME CATALOG LIBRARY NAME *library2* ARE INCONSISTENT FOR VOLUME *volser***

**Explanation**

The DFSMSrmm EDGUTIL utility is verifying the consistency of volume information in the DFSMSrmm control data set with the volume catalog information. DFSMSrmm found multiple library names for the volume.

In the message text:

***library1***

This is the library name from the DFSMSrmm control data set.

***library2***

This is the library name from the volume catalog.

***volser***

This is the volume serial number of the volume with the inconsistent library names.

**System action**

Processing continues. DFSMSrmm sets a minimum return code of 4.



no longer required, you can correct the current vital record specification, *vrs\_name2*, by using DFSMSrmm ISPF dialog or the RMM DELETEVRS and ADDVRS subcommands.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6513I** LOCATION NAME *newloc* IS NOT CONSISTENT WITH OLD LOCATION FIELD VALUE *oldloc* IN THE VRS *vrs\_type* TYPE RECORD FOR *vrs\_name*

## Explanation

The DFSMSrmm utility, EDGUTIL, is verifying the contents of the vital record specification records in the DFSMSrmm control data set. It has found that the LOCATION name is not consistent with the value in the old LOCATION field in the vital record specification record. This might have happened as a result of sharing the DFSMSrmm control data set with a lower level system and not following the guidance provided for sharing the control data set.

In the message text:

### ***newloc***

This is the name of the location where resources matching the named vital record specification are to be retained. It can be: HOME, LOCAL, DISTANT, REMOTE, or a system-managed library name.

### ***oldloc***

This is the value of the old LOCATION field. It can be: LIBRARY, LOCAL, DISTANT, or REMOTE.

### ***vrs\_type***

This is the vital record specification type from the DFSMSrmm control data set. It can be:

- DATASET
- VOLUME
- NAME

### ***vrs\_name***

This is the name of the vital record specification in the DFSMSrmm control data set.

## System action

Processing continues. A minimum return code of 0 is set.

## Operator response

None.

## System programmer response

You can use the DFSMSrmm TSO subcommands or the DFSMSrmm ISPF dialog to list detailed information for your vital record specification. Use the information to determine the correct LOCATION for the vital record specification. Change the vital record specification to correct the discrepancy. Use DFSMSrmm ISPF dialog function or the RMM DELETEVRS and ADDVRS subcommands to change the vital record specification.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6514I**

**LOCATION NAME *newloc* IS NOT CONSISTENT WITH OLD LOCATION  
FIELD VALUE *oldloc* IN THE *volser* VOLUME RECORD**

## Explanation

The DFSMSrmm utility, EDGUTIL, is verifying the contents of the volume records in the DFSMSrmm control data set. It has found that the LOCATION name is not consistent with the value in the old LOCATION field in the volume record. This could have happened as a result of sharing the DFSMSrmm control data set with a lower level system, and not following the guidance provided for sharing the control data set.

In the message text:

### ***newloc***

This is the name of the location where the volume is currently. It can be: HOME, LOCAL, DISTANT, REMOTE, or a system-managed library name.

### ***oldloc***

This is the value of the old LOCATION field. It can be: LIBRARY, LOCAL, DISTANT, or REMOTE.

### ***volser***

This is the volume serial number of the volume with the inconsistent fields.

## System action

Processing continues. A minimum return code of 0 is set.

## Operator response

None.

## System programmer response

You can use the DFSMSrmm TSO subcommands or the DFSMSrmm ISPF dialog to list detailed information for the volume record. Use the detailed information to determine the correct LOCATION for the volume. The inconsistency can be corrected by changing the volume information. Use DFSMSrmm ISPF dialog or the RMM CHANGEVOLUME subcommand to do this.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6515I**

**DESTINATION NAME *newdest* IS NOT CONSISTENT WITH OLD  
DESTINATION FIELD VALUE *olddest* IN THE *volser* VOLUME RECORD**

## Explanation

The utility, EDGUTIL, is verifying the contents of the volume records in the DFSMSrmm control data set. The new destination name is not consistent with the value in the old destination field in the DFSMSrmm control data set record. This might have happened as a result of sharing the DFSMSrmm control data set with a lower level system, and not following the guidance provided for sharing the control data set.

In the message text:

**newdest**

This is the value in the destination name field. It can be: HOME, LOCAL, DISTANT, REMOTE, or a system-managed library name.

**olddest**

This is the value derived from the old destination field. It can be: LIBRARY, LOCAL, DISTANT, or REMOTE.

**volser**

This is the volume serial number of the volume with the inconsistent fields.

**System action**

Processing continues. A minimum return code of 0 is set.

**Operator response**

None.

**System programmer response**

You can use the DFSMSrmm TSO subcommands or DFSMSrmm ISPF dialog to list detailed information for the volume record. Use the information to determine the correct destination for the volume. Use the DFSMSrmm ISPF dialog or the RMM CHANGEVOLUME subcommand to confirm the erroneous move, then move the volume back to its previous location. Stop vital records processing to correctly set the destination field based on the vital record specification.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6516I****VOLUME *volser* NOT FOUND IN VOLUME CATALOG****Explanation**

The utility, EDGUTIL, is verifying the consistency of volume information in the DFSMSrmm control data set with the volume catalog. The volume is defined in the control data set, but not in the volume catalog.

In the message text:

***volser***

This is the volume serial number of the volume that does not have an entry in the volume catalog.

**System action**

Processing continues. A minimum return code of 0 is set.

**Operator response**

None.

**System programmer response**

You can use the DFSMSrmm TSO subcommands or DFSMSrmm ISPF dialog, and either ISMF or IDCAMS, to list detailed information for the volume. Use this information to determine the correct status of the volume and take corrective action. If the volume catalog information is wrong, you can use either ISMF or IDCAMS to add the volume to the volume catalog. If the DFSMSrmm control data set is wrong, you can use RMM DELETEVOLUME subcommand *volser* to remove the volume from the control data set.







## Explanation

The DFSMSrmm utility, EDGUTIL, is verifying the number of bin numbers in the DFSMSrmm control data set. It has found that the count of bin numbers in the control data set is not the same as the value held in the control data set control record.

In the message text:

### ***type***

Is the type of bin numbers that are being counted. It can be one of the following values:

- ALL
- EMPTY

### ***location***

Is the name of the storage location for which the count of bin numbers is incorrect. It can be the following values:

- DISTANT
- LOCAL
- REMOTE

### ***count***

Is the number of bin numbers that EDGUTIL has found in the DFSMSrmm control data set.

## System action

Processing continues. A minimum return code of 4 is set.

## Operator response

None.

## System programmer response

Use the UPDATE parameter of the EDGUTIL utility to correctly set the count of bins and free bins for the storage location. The *count* value is the one you should use on the SYSIN CONTROL command to set the correct number of bin numbers in the control record.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6521W**

**OWNER *owner\_name* VOLUME COUNT INCONSISTENT**

## Explanation

The utility, EDGUTIL, is verifying the consistency of information in the control data set. It discovered that the number of volumes owned by *owner\_name* is different from that listed by the LISTOWNER subcommand. An error during a DFSMSrmm control data set update might have caused the error.

In the message text:

### ***owner\_name***

The name of the owner of the volumes for which the number of volumes is inconsistent

## System action

Processing continues

## Operator response

None.

## System programmer response

Identify the cause of the error using the DFSMSrmm TSO subcommands or DFSMSrmm ISPF dialog and correct the error if possible. If the error cannot be corrected, restore the control data set using the latest backup copy.

## Programmer response

Report the error to the system programmer.

## Module

EDGUTIL

---

EDG6523E

**BOTH IN-USE AND EMPTY BIN ENTRIES DETECTED FOR BIN NUMBER  
*bin\_number***

## Explanation

The utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set. It discovered that a bin number in the same storage location has been defined as both EMPTY and IN-USE.

In the message text:

### ***bin\_number***

The number of the bin that is defined as both EMPTY and IN-USE.

The bin number value is one of the following:

- *bin\_number(location)*
- *bin\_number(location) MEDIANAME(media\_name)*

The MEDIANAME is only provided for bin numbers in installation defined storage locations.

## System action

Processing continues. A minimum return code of 4 is set.

## Operator response

None.

## System programmer response

If you are familiar with the contents of the DFSMSrmm control data set records, correct the error:

1. Stop DFSMSrmm and run utility, EDGBKUP, to save the current version of the DFSMSrmm control data set.
2. If the bin number is in an installation defined storage location use the RMM DELETEDBIN subcommand to delete the empty bin. If the bin number is in a built-in storage location contact the IBM Support Center to determine how to proceed.
3. Rerun EDGUTIL to verify your changes.

In any case, report this error to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6524E****MEND CANNOT RUN BECAUSE EXTENDED BIN SUPPORT IS ENABLED****Explanation**

You have enabled the DFSMSrmm extended bin support using the DFSMSrmm EDGUTIL utility on a higher-level system. You are trying to run EDGUTIL PARM=MEND on this down-level system where extended bin support is not enabled.

**System action**

EDGUTIL ends.

**Operator response**

None.

**System programmer response**

Run EDGUTIL PARM=MEND on a system where extended bin support is enabled.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6530E****FULLY ENABLE STACKED VOLUME SUPPORT BY RUNNING MEND****Explanation**

You are running the DFSMSrmm EDGUTIL utility with the UPDATE parameter to enable stacked volume support. DFSMSrmm has determined that you have previously used VTS export processing or assigned volumes to containers. EDGUTIL MEND processing must now be used to build the stacked volume records and make the information in the DFSMSrmm control data set consistent for stacked volumes and container names.

**System action**

EDGUTIL processing continues. DFSMSrmm sets a minimum return code of 4.

**Operator response**

None.

**System programmer response**

Schedule EDGUTIL MEND processing to fully enable stacked volume support. Until you do this, you will be unable to run inventory management.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6531I**

**STACKED VOLUME SUPPORT IS NOW FULLY ENABLED**

## Explanation

You are running the DFSMSrmm EDGUTIL utility with the MEND parameter and stacked volume support is enabled. During this run, DFSMSrmm corrected some inconsistencies between stacked volume information and volume 'in container' information.

## System action

EDGUTIL processing continues.

## Operator response

None.

## System programmer response

None. The MESSAGE file contains information messages for each of the discrepancies corrected.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6532E**

**VOLUME *volser* HAS AN INCORRECT PREVIOUS VOLUME POINTER  
*previous\_volser***

## Explanation

The EDGUTIL VERIFY function detected an incorrect previous volume pointer for the specified volume. The volume serial number and the previous volume serial number are the same.

In the message text:

### ***volser***

The volume serial number of the volume where the error was found.

### ***previous\_volser***

The previous volume pointer of the volume where the error was found.

## System action

Processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error. To remove a single volume from the end of a multivolume chain, issue RMM CHANGEVOLUME *volser* PREVVOL without any values. If the error is not at the end of the chain, run EDGUTIL MEND processing to clear the previous volume pointer. Then issue RMM CHANGEVOLUME *volser* PREVVOL(*previous\_volser*) to fix the chain.

## Programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6533E** **VOLUME *volser* HAS AN INCORRECT NEXT VOLUME POINTER**  
*next\_volser*

## Explanation

The EDGUTIL VERIFY function detected an incorrect next volume pointer for the specified volume. The volume points to itself or next volume serial number is the same as the previous volume serial number.

In the message text:

### ***volser***

The volume serial number of the volume where the error was found.

### ***next\_volser***

The next volume pointer of the volume where the error was found.

## System action

Processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error. Run EDGUTIL MEND processing to clear the next volume pointer. Then issue RMM CHANGEVOLUME *volser* PREVVOL(*previous\_volser*) for the volume which should be pointed to by this volume to fix the chain.

## Programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

EDG6534I

**DFSMSrmm CLEARED THE PREVIOUS VOLUME POINTER**  
***previous\_volser* FOR VOLUME *volser***

### **Explanation**

You are running the DFSMSrmm EDGUTIL MEND utility to correct information for volumes. The volume has an incorrect previous volume pointer. DFSMSrmm clears previous volume pointer.

In the message text:

***previous\_volser***

The previous volume pointer of the volume where the error was found.

***volser***

The volume serial number of the volume where the error was found.

### **System action**

EDGUTIL processing continues.

### **Operator response**

None.

### **System programmer response**

None.

### **Source**

DFSMSrmm

### **Module**

EDGUTIL

---

EDG6535I

**DFSMSrmm CLEARED THE NEXT VOLUME POINTER *next\_volser* FOR**  
**VOLUME *volser***

### **Explanation**

You are running the DFSMSrmm EDGUTIL MEND utility to correct information for volumes. The volume has an incorrect next volume pointer. DFSMSrmm clears next volume pointer.

In the message text:

***next\_volser***

The next volume pointer of the volume where the error was found.

***volser***

The volume serial number of the volume where the error was found.

### **System action**

EDGUTIL processing continues.

### **Operator response**

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6536E** LOCATION *location* IN *type* VRS *vrs\_identifier* IS NOT DEFINED TO RMM

## Explanation

The utility, EDGUTIL, is verifying the consistency of information in the DFSMSrmm control data set. The utility found a vital record specification that contains a location that is not defined to DFSMSrmm. DFSMSrmm recognizes these locations: a location that is defined using the LOCDEF parameter in the DFSMSrmm parmlib, the built-in locations LOCAL, DISTANT, and REMOTE, and the special values CURRENT and HOME.

In the message text:

### *type*

The type of vital record specification. It can be VOLUME, DSNAME, or NAME.

### *vrs\_identifier*

The vital record specification identifier:

- For vital record specifications, a generic or specific volume serial number
- For vital record specifications, a data set name mask and optionally job name
- For vital record specifications, a VRS name

## System action

DFSMSrmm processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Use RMM LISTCONTROL LOCDEF subcommand to view the currently defined locations. If the volume should move to the named location, you must add a LOCDEF parameter to the DFSMSrmm parmlib defining the location. If the volume should not move to location, update the vital record specification which names the unsupported location.

## Programmer response

Inform the system programmer.

## Source

DFSMSrmm

## Module

EDGUTIL

## Explanation

The utility, EDGUTIL, is verifying the contents of the vital record specification information in the DFSMSrmm control data set. The utility found the vital record specification *vrs\_identifier* with a location type which is not consistent to the location type in the location definition for location.

In the message text:

### ***type***

The type of vital record specification. It can be VOLUME, DSNAME, or NAME.

### ***vrs\_identifier***

The vital record specification identifier:

- For volume vital record specifications, a generic or specific volume serial number
- For dsname vital record specifications, a data set name mask and optionally job name
- For name vital record specifications, a VRS name

## System action

DFSMSrmm processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Run EDGUTIL with the MEND parameter to correct the problem.

## Programmer response

Inform the system programmer.

## Source

DFSMSrmm

## Module

EDGUTIL

## Explanation

The utility, EDGUTIL, is mending the contents of the vital record specification information in the DFSMSrmm control data set. The utility found the vital record specification *vrs\_identifier* with a location type that is not consistent with the location type for the location and corrected it.

In the message text:

### ***type***

The type of vital record specification. It can be VOLUME, DSNAME, or NAME.

### ***vrs\_identifier***

The vital record specification identifier:





1. With DFSMSrmm started, rerun the DFSMSrmm EDGUTIL utility with the VERIFY(VRS) parameter to check the consistency of the information recorded in the DFSMSrmm control data set with the one in the parmlib member where the locations are defined to DFSMSrmm.
2. Stop DFSMSrmm.
3. Run EDGUTIL with the MEND parameter to update the vital record specification information if needed. If you have just converted to DFSMSrmm, rerun the conversion after correcting the SYSIN statements for EDGCNVT or report the problem to IBM Support Center so that the conversion tools can be corrected.

## Programmer response

Inform the system programmer.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6600E**

**REQUIRED DDNAME *ddname* NOT SPECIFIED**

## Explanation

For shelf-resident volumes, the user must allocate a TAPE file and specify a DD statement in the JCL to run the tape volume initialize and erase utility, EDGINERS. For system-managed volumes, EDGINERS uses dynamic allocation to obtain necessary drives.

In the message text:

### ***ddname***

The data definition name TAPE.

## System action

The EDGINERS utility stops.

## Operator response

None.

## Programmer response

Resubmit the job with required DD statement.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6601E**

**I/O ERROR processing VOLUME *volser*, *jobname*, *stepname*, *unit\_address*, *type*, *ddname*, *function*, *error\_message***

## Explanation

The DFSMSrmm EDGINERS tape volume initialize and erase utility experienced an I/O error while initializing, erasing, or verifying the current tape volume. DFSMSrmm provides the SYNADAF macro output in the message text: *jobname, stepname, unit\_address, type, ddname, function, and error\_message*. For more information about the SYNADAF macro, see [z/OS DFSMS Macro Instructions for Data Sets](#).

In the message text:

### ***processing***

The DFSMSrmm operation. It is one of INITIALIZING, ERASING, VERIFYING, and SCANNING.

### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

### ***job\_name***

The name of a job identified to a system.

### ***stepname***

The name of a step within a job.

### ***unit\_address***

The unit address.

### ***type***

The device type which can be up to four characters.

### ***ddname***

The data definition name.

### ***function***

A SYNADAF function.

### ***error\_message***

The message issued by SYNADAF macro.

## System action

The EDGINERS utility stops.

## Operator response

Either correct the error or report it to the system programmer.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Correct the error and then resubmit the job. For a description of the SYNADAF macro, refer to [z/OS DFSMS Macro Instructions for Data Sets](#). For further error information, refer to the specific device-type manual.

---

**EDG6602E****ERROR PARSING *utility\_name* EXECUTION PARAMETERS**

## Explanation

DFSMSrmm encountered an unsupported parameter while parsing the PARM field on the EXEC statement for the utility.

In the message text:

***utility\_name***

The name of the utility.

**System action**

The utility fails with return code 12.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGINERS

**Storage Administrator Response**

Correct the PARM field and resubmit the job.

---

**EDG6603E NO VALID "ERASE" "SCAN" OR "INIT" REQUESTS ENTERED**

**Explanation**

The SYSIN file provided to program EDGINERS was either empty or contained no valid initialize or erase requests.

**System action**

The job ends with return code 12.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGINERS

**Storage Administrator Response**

Enter or correct the requests in the SYSIN file, or remove the SYSIN DD statement from the JCL to allow WTOR processing.

---

**EDG6604E UNRECOGNIZED REQUEST**

**Explanation**

INIT, SCAN, and ERASE are the only requests that you can specify in the SYSIN file or enter as a response to message EDG6626A.



## Explanation

The operator made a request to initialize the volume *cds\_volser*, but the media name is different from the medianame attribute of the volume defined to DFSMSrmm.

In the message text:

### *type*

The value that you specified for the MEDIANAME operand of your INIT or ERASE request.

### *cds\_volser*

The volume serial number of the volume defined to DFSMSrmm that you are trying to initialize or to erase.

## System action

The request fails, though processing continues with the next request.

## Operator response

When a volume record already exists, you do not need to specify the MEDIANAME operand.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Correct the information in the DFSMSrmm control data set.

---

**EDG6607D** **INVENTORY MANAGEMENT FUNCTIONS ARE ACTIVE - ENTER "RETRY" OR "CANCEL"**

## Explanation

The requested functions cannot be completed until inventory management completes.

## System action

The utility waits for a reply.

## Operator response

When the inventory management functions are completed reply, RETRY. If necessary, reply CANCEL.

<b>The operator replies</b>	<b>And the result is</b>
CANCEL	processing stops and DFSMSrmm sets a return code of 16.
RETRY	tape initialization or erasure continues.

## System programmer response

If the operator replies CANCEL, resubmit the job when inventory management ends.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6608E**

**USER NOT AUTHORIZED TO REQUEST INITIALIZE AND ERASE  
FUNCTIONS**

## Explanation

The user is not authorized to perform the requested function.

## System action

The utility fails.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Resubmit the job under an authorized user ID. Refer to *z/OS DFSMSrmm Implementation and Customization Guide* for information for authorizing users.

---

**EDG6609D**

**FAILURE DURING DFSMSrmm SUBSYSTEM PROCESSING - ENTER  
"RETRY" OR "CANCEL"**

## Explanation

The DFSMSrmm subsystem could not complete processing.

## System action

The utility waits for a reply.

## Operator response

Start the DFSMSrmm subsystem and reply CANCEL or RETRY.

<b>The operator replies</b>	<b>And the result is</b>
CANCEL	processing stops and DFSMSrmm sets a return code of 16.
RETRY	tape initialization or erasure continues.

## System programmer response

If the operator replies CANCEL, notify the operator to restart the DFSMSrmm subsystem. Resubmit the job when the subsystem has been restarted.





## System action

The request for the specified volume fails, but processing continues with the next requested volume.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Correct the request and resubmit it.

---

**EDG6612E** RACK NUMBER *rack\_number* DOES NOT EXIST OR IS NOT EMPTY

## Explanation

The volume could not be initialized because the request specified a *rack\_number* that is not defined to DFSMSrmm, or is assigned to another volume.

In the message text:

### *rack\_number*

The volume shelf location identifier.

## System action

The request to add this volume fails, but processing continues with the next requested volume.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

If the rack number does not exist, use the RMM ADDRACK subcommand to define the rack. If the rack number exists and contains another volume, select another empty rack. In either case, you can manually define the volume to DFSMSrmm because you do not need to initialize the volume again.

---

**EDG6613E** *initialize\_or\_erase* IS NOT PENDING FOR VOLUME *cds\_volser*

## Explanation

DFSMSrmm was requested to initialize or erase a volume. Neither initialize nor erase is required for this volume.

In the message text:

**initialize\_or\_erase**

The possible actions for this message.

**cds\_volser**

Volume serial number defined to DFSMSrmm.

**System action**

The initialize or erase request fails. Processing continues with the next request.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGINERS

---

**EDG6614E****NEW VOLUME *cds\_volser* IS ALREADY DEFINED TO DFSMSrmm****Explanation**

DFSMSrmm cannot create a new volume from an existing volume as requested, because the specified *volser* is already in use by another volume.

In the message text:

***cds\_volser***

the volume serial number defined to DFSMSrmm.

**System action**

The initialize request fails. Processing continues with the next request.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGINERS

**Storage Administrator Response**

Correct the request or the DFSMSrmm control data set and retry the request.

---

**EDG6615E****DFSMSrmm SUBSYSTEM IS NOT ACTIVE****Explanation**

The requested functions cannot be completed, because the DFSMSrmm subsystem is not active.

### **System action**

The utility fails.

### **Operator response**

Start the DFSMSrmm subsystem.

### **Source**

DFSMSrmm

### **Module**

EDGINERS

### **Storage Administrator Response**

Contact the operator and request that the subsystem be started.

---

**EDG6616E** **DFSMSrmm SUBSYSTEM IS NOT DEFINED TO MVS**

### **Explanation**

The DFSMSrmm subsystem has not been correctly defined to the MVS system.

### **System action**

The utility fails.

### **Operator response**

Contact the system programmer to check whether the DFSMSrmm subsystem is correctly installed. Then start DFSMSrmm.

### **Source**

DFSMSrmm

### **Module**

EDGINERS

### **Storage Administrator Response**

Define DFSMSrmm as a subsystem as described in *z/OS DFSMSrmm Implementation and Customization Guide*.

---

**EDG6617E** **SEVERE ERROR DURING DFSMSrmm SUBSYSTEM PROCESSING**

### **Explanation**

An unrecoverable error occurred while communicating with the DFSMSrmm subsystem.

### **System action**

The utility fails.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Identify the cause of the error from the system messages issued, and resubmit the job.

---

**EDG6618E**

**LOGICAL ERROR DURING DFSMSrmm SUBSYSTEM PROCESSING**

## Explanation

An unrecoverable error occurred while communicating with the DFSMSrmm subsystem.

## System action

The utility fails.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Identify the cause of the error from the system messages issued, and resubmit the job.

---

**EDG6619I**

**NO *selection\_type* VOLUMES WITH STATUS(*status*) HAVE THE  
*initialize\_or\_erase* ACTION PENDING**

## Explanation

DFSMSrmm issues this message for information only. DFSMSrmm was requested to initialize or erase volumes that match the *selection\_type* and *status* and issued this message when:

- There are no volumes requiring the specified action.
- All the volumes requiring the specified action have been processed. DFSMSrmm issues this message when all volumes have been processed and the EDGINERS EXEC statement PARM parameter BATCH(*n*) is specified and *n* is not 1.

In the message text:

### ***selection\_type***

Can be:

- A location name



## Operator response

Return the volume to the correct rack number in the library. If the volume is defined to DFSMSrmm, create a label and apply the external volume serial number to the reel, cassette, or cartridge.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

None.

---

**EDG6621E** **VOLUME *volser* INITIALIZATION FAILED**

## Explanation

The initialization of the specified volume *volser* failed. See previous messages issued by EDGINERS to determine if the volume has been erased or labeled successfully before the error occurred.

In the message text:

### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

## System action

Processing continues with the next requested volume.

## Operator response

If the request was operator initiated, correct the error and retry the request. If the error persists, report it to the system programmer.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Identify the cause of the error from the messages produced either in the SYSPRINT file or issued to the operator. You might need to update the control data set to confirm that erase and initialize processing was successful or you might need to resubmit the job.

---

**EDG6622I** **VOLUME *volser* INITIALIZATION SUCCESSFUL - RETURN TO RACK  
NUMBER *rack\_number***

## Explanation

DFSMSrmm issues this message for information only. DFSMSrmm successfully initialized the volume.

In the message text:

**volser**

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

**rack\_number**

The volume shelf location identifier.

**System action**

Processing continues.

**Operator response**

Return the volume to the correct *rack\_number* in the library. If the volume has not yet been labeled with the external rack number, create a label and apply it to the reel, cassette, or cartridge.

**Source**

DFSMSrmm

**Module**

EDGINERS

**Storage Administrator Response**

None.

---

**EDG6623I**

**VOLUME *volser* ERASE, INITIALIZATION AND VERIFICATION  
SUCCESSFUL - RETURN TO RACK NUMBER *rack\_number***

**Explanation**

DFSMSrmm has erased, initialized, and verified the volume.

In the message text:

**volser**

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

**rack\_number**

The volume shelf location identifier.

**System action**

Processing continues.

**Operator response**

Return the volume to the correct *rack\_number* in the library. If the volume has not yet been labeled with the external rack number, create a label and apply it to the reel, cassette, or cartridge.

**Source**

DFSMSrmm

**Module**

EDGINERS

## Storage Administrator Response

None.

---

**EDG6624E**

**VOLUME *volser* ERASE FAILED**

### Explanation

DFSMSrmm was not able to erase the volume.

In the message text:

#### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

### System action

Processing continues with the next requested volume.

### Operator response

If you made the request, reissue it after correcting the error. If the error persists, report it to the system programmer.

### Source

DFSMSrmm

### Module

EDGINERS

## Storage Administrator Response

Use the messages in the SYSPRINT file or those issued to the operator to identify the error and resubmit the job.

---

**EDG6625I**

**VOLUME *volser* ERASE AND INITIALIZATION SUCCESSFUL - RETURN TO RACK NUMBER *rack\_number***

### Explanation

DFSMSrmm erased and initialized the volume *volser*.

In the message text:

#### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

#### ***rack\_number***

The volume shelf location identifier.

### System action

Processing continues.

### Operator response

Return the volume to the correct *rack\_number* in the library. If the volume has not yet been correctly labeled with the external rack number, create and apply one to the reel, cassette, or cartridge. Return the volume to the correct rack in the library.



## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

None.

---

**EDG6626A** SPECIFY VOLUME "INIT" "SCAN" OR "ERASE" COMMAND OR "END"

## Explanation

The DFSMSrmm EDGINERS utility has been started with a request to obtain its information from the console.

## System action

The DFSMSrmm EDGINERS utility waits for the operator to reply to the WTOR.

## Operator response

Reply to the WTOR with the information obtained from the programmer.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Inform the operator of the correct reply to the WTOR. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for details of the commands that DFSMSrmm accepts for initializing and erasing volumes. Enter "END" to stop the DFSMSrmm EDGINERS utility.

---

**EDG6627A** M *drive\_number* V(*volser*) R(*rack\_number*) TO BE action *vol1\_volser*,  
*label\_type*

## Explanation

DFSMSrmm was requested to initialize or erase a volume. If the indicated *action* is ERASED, LABELLED, or VERIFIED, the message contains the *vol1\_volser* that is written in the volume label.

In the message text:

### ***drive\_number***

The tape drive number.

### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

### ***rack\_number***

The volume shelf location identifier that is used to define the volume to DFSMSrmm. *rack\_number* is null when the volume is not defined to DFSMSrmm.

**action**

Can be one of the following: ERASED, LABELLED, VERIFIED or SCANNED.

**vol1\_volser**

The volume serial number that is written into the VOL1 label.

**label\_type**

Can be: AL, NL, SL

**System action**

DFSMSrmm waits for the operator to reply to the message or for the operator to mount the volume.

**Operator response**

Do one of the following:

- Mount the volume write-enabled. The WTOR is deleted and processing continues as if you had replied M.
- Reply M to the WTOR and then mount the volume write enabled.
- If the volume cannot be mounted, reply S so processing of the volume is skipped.

**Source**

DFSMSrmm

**Module**

EDGINERS

---

**EDG6628A**

***drive\_number*, REPLY WITH RACK NUMBER OR VOLUME SERIAL NUMBER FOR NL VOLUME**

**Explanation**

EDGINERS found a volume on device *drive\_number* that contains data, but does not have a valid volume label. EDGINERS cannot verify that the correct volume is mounted. The operator must confirm that the correct volume has been mounted.

In the message text:

***drive\_number***

The tape drive number.

**System action**

EDGINERS waits for an operator response.

**Operator response**

Reply with the volume serial number or rack number for the volume mounted on the specified tape drive. Reply R *nn*, volume\_serial\_number or R *nn*, rack\_number

**Source**

DFSMSrmm

**Module**

EDGINERS

---

**EDG6629D**

**DFSMSrmm SUBSYSTEM NOT ACTIVE - ENTER "RETRY" OR "CANCEL"**

## Explanation

DFSMSrmm was active at the start of EDGINERS processing but has now stopped. The WTOR is issued to enable you to restart DFSMSrmm and continue processing.

## System action

EDGINERS waits until a valid response is provided by the operator.

## Operator response

Start DFSMSrmm and reply as described in the following table.

The operator replies	And the result is
CANCEL	processing stops and DFSMSrmm sets a return code of 16.
RETRY	tape initialization or erasure continues.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6630I** *text*

## Explanation

An error exists in a request made to EDGINERS.

In the message text:

### *text*

Descriptive text containing the IKJPARS error message

Refer to [z/OS TSO/E Messages](#) for a description of the error.

## System action

The operator is prompted to reply to WTOR EDG6626A. In some cases, DFSMSrmm ignores request that was in error and continues with the next request.

## Operator response

If your request was in error, correct it and reply to WTOR EDG6626A.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Correct the error, and resubmit the request. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for information on using the DFSMSrmm EDGINERS utility.

---

**EDG6631I**

**UTILITY *utility\_name* COMPLETED WITH RETURN CODE *return\_code***

### Explanation

DFSMSrmm issues this message for information only. The requested utility completed with *return\_code*, which is the highest one that occurred during processing.

In the message text:

***utility\_name***

The DFSMSrmm utility.

***return\_code***

The value returned indicating the results of processing.

### System action

The utility ends.

### Operator response

None.

### Source

DFSMSrmm

### Module

EDGINERS

## Storage Administrator Response

If the utility did not run successfully, refer to the error messages issued in the SYSPRINT file to determine the cause of the error.

---

**EDG6632I**

**POOL *pool\_name* IS NOT DEFINED TO THE DFSMSrmm SUBSYSTEM**

### Explanation

A request to initialize or erase a volume was made and the POOL operand specified a value that is not defined to your installation.

In the message text:

***pool\_name***

The identifier for a pool of volumes.

### System action

The initialize or erase request fails and processing continues with the next request.

### Operator response

If the request was made from the console, reenter the request with a valid pool identifier.

**Source**

DFSMSrmm

**Module**

EDGINERS

**Storage Administrator Response**

Reenter the request and specify a valid pool.

---

**EDG6633I** NO EMPTY RACKS IN POOL *pool\_name***Explanation**

A request to initialize or erase a volume was made and the POOL operand specified a pool containing no empty racks.

In the message text:

***pool\_name***

The identifier for a pool of volumes.

**System action**

The initialize or erase request fails and processing continues with the next request.

**Operator response**

If the request was made from the console, reissue the request with a valid pool name.

**Source**

DFSMSrmm

**Module**

EDGINERS

**Storage Administrator Response**

Reenter the request and specify a valid pool.

---

**EDG6634E** TAPE DDNAME DOES NOT ALLOCATE A SUITABLE DRIVE**Explanation**

The device allocated to this job step for the TAPE DD statement is not a tape device.

**System action**

The utility fails.

**Operator response**

If the utility was started at the console, specify a correct unit name on the start command.



## System action

The system rewinds and unloads the volume. The system issues a remount request.

## Operator response

Correct the file protection error and remount the volume.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6637E** *drive\_number*, ERROR WRITING LABELS ON VOLUME *volser*

## Explanation

The system attempted to write a label on volume *volser* mounted on device *drive\_number*. The I/O request failed.

In the message text:

### *drive\_number*

The tape drive number.

### *volser*

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

## System action

The system rewinds and unloads the volume, and issues a remount request.

## Operator response

Remount the requested volume.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

If the remount fails, review the error messages to identify the error.

---

**EDG6638E** **INCORRECT VOLUME MOUNTED ON DEVICE *drive\_number* - REQUESTED VOLUME *volser* EXPECTED VOL1 *expected\_vol1* MOUNTED VOL1 *mounted\_vol1***

## Explanation

The wrong volume was mounted for verification.

In the message text:

**drive\_number**

The tape drive number.

**volser**

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

**expected\_vol1**

The volume serial number to be read from the existing VOL1 label.

**mounted\_vol1**

The volume serial number that was read from the existing VOL1 label.

**System action**

The system rewinds and unloads the volume and issues a request to remount the volume.

**Operator response**

Remount the requested volume. You can use the volume information and the VOL1 information in the message to determine if the correct volume has been mounted. You can use the RMM SEARCHVOLUME VOLUME(\*) OWNER(\*) VOL1(*mounted\_volser*) LIMIT(\*) to list the volume.

**Source**

DFSMSrmm

**Module**

EDGINERS

---

**EDG6639E****UNSUPPORTED VOLUME SERIAL NUMBER FOR ANSI VOLUME****Explanation**

An unsupported character was found in the volume serial number. The valid character set differs for SL and AL labels.

**System action**

The initialize or erase request fails, and processing continues with the next request.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGINERS

**Storage Administrator Response**

This is a probable user error. Correct the volume serial number and re-issue the request. Refer to [z/OS DFSMS Using Magnetic Tapes](#) for information about tape labels.

---

**EDG6640E****UTILITY EDGINERS IS ALREADY PROCESSING VOLUME *cds\_volser***







## System action

Processing continues, and an attempt to update the DFSMSrmm control data set is made.

## Operator response

If the update to the DFSMSrmm control data set for this volume fails, the control data set should be manually updated. Inform the tape librarian or storage administrator that the DFSMSrmm control data set must be updated to confirm that erase and initialization was successful.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

None.

---

**EDG6644E** *drive\_number*, INCORRECT VOLUME WAS MOUNTED. VOLUME  
CONTAINS NO DATA

## Explanation

The system attempted to read a label, during verify processing, for a volume that has been successfully labeled with the volume serial contained in message EDG6627A. The volume mounted contains no data.

In the message text:

### *drive\_number*

The tape drive number.

## System action

The system rewinds and unloads the volume, and issues a request to remount the volume.

## Operator response

Remount the requested volume.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6645I** DYNAMIC ALLOCATION OF DRIVE FAILED FOR VOLUME *cds\_volser*

## Explanation

DFSMSrmm was unable to allocate a drive for this volume. The volume is resident in a 3495 Tape Library Dataserver; a drive in the library must be available for the request to complete successfully.

In the message text:

***cds\_volser***

The volume serial number that is defined to DFSMSrmm.

**System action**

The initialize or erase request fails. Processing continues with the next request, if one exists.

**Operator response**

Inform the system programmer.

**System programmer response**

Validate the information that DFSMSrmm has for the volume and that is available in the volume catalog. Any conflicts should be corrected before the request is retried. You should refer to the allocation error messages produced by the dynamic allocation request. These should be available in the JES job log messages.

**Source**

DFSMSrmm

**Module**

EDGINERS

---

**EDG6646I**

***drive\_number*, MOUNT REQUEST FOR VOLUME *volser* FAILED RETURN  
CODE X'*code*' REASON CODE X'*reason\_code*'**

**Explanation**

DFSMSrmm was unable to get the volume mounted on a drive for processing. The reason for the failure is described by the explanation for the return code set by the CBRXLACS macro.

In the message text:

***drive\_number***

The tape drive number.

***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

***code***

The return code that is set by the CBRXLACS macro.

***reason\_code***

The reason code that is set by the CBRXLACS macro.

**System action**

The initialize or erase request fails. Processing continues with the next request, if one exists.

**Operator response**

Inform the system programmer.

**Source**

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Refer to *z/OS DFSMSdfp Diagnosis* for a description of the possible CBRXLACS codes. Use the code explanation to identify the error. Correct the error, and retry the action that was in progress at the time of the error. If necessary, report this error to the IBM Support Center.

---

**EDG6647I**

***drive\_number*, DEMOUNT REQUEST FOR VOLUME *volser* FAILED  
RETURN CODE X'*code*' REASON CODE X'*reason\_code*'**

## Explanation

DFSMSrmm was unable to get a volume in an automated tape library, demounted after processing. The reason for the failure is described by the explanation for the return code set by CBRXLACS macro.

In the message text:

### ***drive\_number***

The tape drive number.

### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

### ***code***

The return code that is set by the CBRXLACS macro.

### ***reason\_code***

The reason code that is set by the CBRXLACS macro.

## System action

DFSMSrmm successfully completed the initialize or erase request. Processing continues with the next request, if one exists.

## Operator response

Inform the system programmer.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Refer to *z/OS DFSMSdfp Diagnosis* for a description of the possible CBRXLACS codes. Use the code explanation to identify the error. Correct the error, and retry the action that was in progress at the time of the error. If necessary, report this error to the IBM Support Center.

---

**EDG6648I**

**POOL *pool\_name* IS NOT DEFINED TO THE DFSMSrmm SUBSYSTEM**

## Explanation

A request for automatic volume initialization or erase processing was requested for a specific pool of volumes. The POOL operand specified a pool that is not defined on your system.

In the message text:

***pool\_name***

This is the name of the pool that was requested to be processed.

**System action**

The utility EDGINERS ends.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGINERS

**Storage Administrator Response**

You should correct the POOL value to one that is defined on your system. Use the RMM LISTCONTROL subcommand with the VLPOOL operand to list the valid pools on this system.

---

**EDG6649I**

**LIBRARY NAME *library* IS NOT DEFINED TO DFSMS**

**Explanation**

A request for automatic volume initialization or erase processing was requested for a specific system-managed library. The LIBRARY operand specifies a library that is not defined on your system or the library type is not known.

In the message text:

***library***

The name of the library that was requested to be processed.

**System action**

The utility EDGINERS ends.

**Operator response**

If the library is defined, but is currently offline, vary the library online.

**Source**

DFSMSrmm

**Module**

EDGLOCV

**Storage Administrator Response**

Change the LIBRARY value to one that is defined on your system. You can use either ISMF or AMS to determine the valid libraries on this system. If the library is defined but the library type is not listed, the library must be varied online before DFSMSrmm allows the library name to be used. You can also use the RMM SEARCHVOLUME

subcommand with ACTION(INITIALIZE,ERASE) to determine which libraries have volumes waiting for EDGINERS actions.

---

**EDG6650I**

***drive\_number*, CANCEL REQUEST FOR MOUNT OF VOLUME *volser*  
FAILED RETURN CODE X'*code*' REASON CODE X'*reason\_code*'**

## Explanation

DFSMSrmm was unable to get the volume mount canceled. The reason for the failure is described by the explanation for the return code set by the CBRXLACS macro.

In the message text:

***drive\_number***

The tape drive number.

***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

***code***

The return code that is set by the CBRXLACS macro.

***reason\_code***

The reason code that is set by the CBRXLACS macro.

## System action

The initialize or erase request fails. Processing continues with the next request, if one exists.

## Operator response

Inform the system programmer.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Refer to the *z/OS DFSMSdfp Diagnosis* for a description of the possible codes. Use the code to identify the cause of the error. Correct the error and retry the action that was in progress at the time of the error. If necessary, report this error to the IBM Support Center.

---

**EDG6651I**

**LABEL TYPE MUST BE AL IF ACCESS OPERAND SPECIFIED**

## Explanation

The command request made to EDGINERS contains a request that includes the ACCESS operand. However, the LABEL type was not specified as AL.

## System action

The initialize or erase request fails. Processing continues with the next request, if one exists.

## Operator response

Inform the system programmer.





## System programmer response

Reduce the number of characters in OWNERTEXT to 10 or less.

### Source

DFSMSrmm

### Module

EDGINERS

---

**EDG6654I** USE OF TAPE LIBRARY DATA SERVER NAMES IS NOT SUPPORTED

### Explanation

The LOCATION(*library\_name*) operand is not supported at the current software level.

### System action

The EDGINERS utility stops.

### Operator response

Inform the system programmer.

## System programmer response

You can only use 3495 Tape Library Dataserver names on a system with the SMS subsystem active where defining system-managed libraries is supported. At the current level of software, you can only specify SHELF on the LOCATION parameter.

### Source

DFSMSrmm

### Module

EDGLOCV

---

**EDG6655E** *drive\_number*, FORMAT OF VOLUME *volser* IS NOT COMPATIBLE WITH CURRENT DEVICE AND SENSE VOLID *sense\_volser* NOT ACCEPTED BY INSTALLATION OPTION

### Explanation

The DFSMSrmm EDGINERS utility was not able to read a tape label *volser* because the format of the label is not supported on this device. Because the DEVSUPxx parmlib option is specified as VOLNSNS=NO, DFSMSrmm cannot use the sensed volume serial (*sense\_volser*).

In the message text:

#### ***drive\_number***

The tape drive number.

#### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

#### ***sense\_volser***

The sensed volume serial number of the volume obtained from the tape drive.

## System action

The initialize or erase request fails.

## Operator response

None.

## System programmer response

Either use this tape on the correct device or specify VOLNSNS=YES in the DEVSUPxx parmlib member to accept the volume returned from the device sense information.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6656E** *drive\_number*, FORMAT OF VOLUME *volser* IS NOT COMPATIBLE WITH CURRENT DEVICE

## Explanation

The DFSMSrmm EDGINERS utility was not able to read a tape label *volser* because the format of the label is not supported on this device. No volume serial number was returned from the device sense information.

In the message text:

### *drive\_number*

The tape drive number.

### *volser*

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

## System action

The initialize or erase request fails.

## Operator response

None.

## System programmer response

Use this tape on the correct device.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6658I** *drive\_number*, VOLUME *volser* IS MISSING SERVO TRACKS. PLEASE RETURN CARTRIDGE TO YOUR SUPPLIER TO BE REFORMATTED





When WRONGLABEL is	DFSMSrmm
IGNORE	Does not prompt the operator for a reply and relabels the volume if DFSMSrmm is requested to initialize the volume, or if the volume is not managed by DFSMSrmm. Using IGNORE requires CONTROL access to the RACF FACILITY class resource:  STGADMIN.EDG.INERS.WRONGLABEL
PROMPT	Issues message EDG6663D to prompt the operator to identify what processing should be performed. No additional authorization is needed to use PROMPT.
RMM PROMPT	Issues message EDG6663D to prompt the operator to identify processing for DFSMSrmm-managed volumes only. For volumes not managed by DFSMSrmm, DFSMSrmm relabels the volume. Using RMM PROMPT requires UPDATE access to the RACF FACILITY class resource:  STGADMIN.EDG.INERS.WRONGLABEL

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

The EDGINERS utility does not search the entire DFSMSrmm control data set to identify the volume. EDGINERS attempts to read the volume record of the volume matching the volser read in the VOL1 label. You can use the RMM SEARCHVOLUME subcommand with the VOL1(*mounted\_vol1*) operand to identify the volume that might have been mounted.

---

**EDG6663D** *drive\_number*, REPLY "R" TO RETRY OR "F" TO FAIL THE REQUEST, OR "A" TO ACCEPT THE MOUNTED VOLUME

## Explanation

During EDGINERS processing, DFSMSrmm detected an incorrect volume serial number in the VOL1 label of a mounted volume. The EXEC parameter WRONGLABEL has been specified and DFSMSrmm prompts the operator to reply. DFSMSrmm issues this message after issuing either message EDG6661E or EDG6662E.

In the message text:

### *drive\_number*

The tape drive number.

## System action

EDGINERS waits for a reply from the operator.

## Operator response

Reply as described in the following table.

To	The operator replies	And the result is
Accept the mounted volume	A	DFSMSrmm relabels the volume to the new volume serial number.
Fail the request	F	DFSMSrmm unloads the mounted volume and the request fails.
Retry to request	R	DFSMSrmm unloads the mounted volume and reissues the mount request message EDG6627A.

The EDGINERS utility does not search the entire DFSMSrmm control data set to identify the volume. EDGINERS attempts to read the volume record of the volume matching the volser read in the VOL1 label. You can use the RMM SEARCHVOLUME subcommand with the VOL1(*mounted\_vol1*) operand to identify the volume that might have been mounted.

### System programmer response

None.

### Source

DFSMSrmm

### Module

EDGINERS

**EDG6664E**

**USE OF OPTION WRONGLABEL(*value*) IS NOT PERMITTED**

### Explanation

DFSMSrmm checks that the user making the EDGINERS request with WRONGLABEL(IGNORE) or WRONGLABEL(RMMPROMPT) is authorized to make the request. Using IGNORE requires CONTROL access to the RACF FACILITY class resource STGADMIN.EDG.INERS.WRONGLABEL. Using RMMPROMPT requires UPDATE access to the RACF FACILITY class resource STGADMIN.EDG.INERS.WRONGLABEL.

In the message text:

#### *value*

Can be one of the following options:

- IGNORE - DFSMSrmm relabels a volume without an operator prompt when a wrong volume is mounted.
- RMMPROMPT - DFSMSrmm relabels a volume with an operator prompt to identify processing for DFSMSrmm-managed volumes.

### System action

EDGINERS fails. The current job ends with return code 12.

### System programmer response

Resubmit the job using a user ID authorized to the STGADMIN.EDG.INERS.WRONGLABEL option, or use the WRONGLABEL values PROMPT or FAIL that do not require authorization.

### Source

DFSMSrmm

**Module**

EDGINERS

---

**EDG6665I****AUTOMATIC PROCESSING REQUESTED USING CONTROL DATA SET ACTIONS****Explanation**

DFSMSrmm issues this message for information only. The PARM parameters of the EXEC statement indicate that automatic processing is required.

**System action**

EDGINERS uses the control data set to determine which volumes should be initialized or erased.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGINERS

---

**EDG6666I****MANUAL PROCESSING REQUESTED USING SYSIN FILE COMMANDS****Explanation**

EDGINERS has determined that no keywords for automatic mode of operation were specified in the PARM parameters of the EDGINERS EXEC statement. EDGINERS detected the presence of a SYSIN file which indicates manual processing for EDGINERS.

**System action**

EDGINERS processes the commands in the SYSIN file.

**Source**

DFSMSrmm

**Module**

EDGINERS

---

**EDG6667I****MANUAL PROCESSING REQUESTED USING OPERATOR PROMPT FOR COMMANDS****Explanation**

EDGINERS found no keywords for automatic processing in the PARM parameters of the EDGINERS EXEC statement or the SYSIN file to indicate that manual processing is required.

## System action

EDGINERS issues message EDG6626A to prompt the operator to supply the commands for manual processing.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6668I** **SYSIN FILE DETECTED AND IGNORED FOR AUTOMATIC PROCESSING**

## Explanation

EDGINERS selected automatic processing mode but then detected the presence of a SYSIN file which is only required for manual processing.

## System action

EDGINERS uses information from the control data set to determine which volumes should be initialized or erased and ignores the SYSIN file.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6669I** **CHANGING THE VOLUME SERIAL NUMBER OF A SYSTEM-MANAGED VOLUME IS NOT SUPPORTED**

## Explanation

The DFSMSrmm EDGINERS utility was requested to change the volume serial number of a volume residing in a system-managed library. EDGINERS cannot change volume serial numbers of volumes residing in system-managed libraries.

## System action

EDGINERS fails the request and sets a return code of 8.

## System programmer response

Correct the error and resubmit the request.



## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6670E**

**UNEXPECTED RETURN CODE RC=04 FROM SUBSYSTEM REQUEST**

## Explanation

An unexpected return code RC=04 was received from a subsystem request. The return code might have been issued because there is a mismatch between the levels of the DFSMSrmm utility and the DFSMSrmm subsystem. The request failed because of an error in subsystem processing.

## System action

The utility stops.

## Operator response

Inform the system programmer.

## System programmer response

Make sure that the utility and the DFSMSrmm subsystem are on the same level. Refer to *z/OS MVS Using the Subsystem Interface* for the error code explanations provided for the IEFSSREQ macro, and take the appropriate action. Restart DFSMSrmm and resubmit the job. If the problem persists, contact the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGINERS, EDGUPDT

---

**EDG6671D**

***drive\_number*, ERROR PROCESSING VOLUME *volser*, REPLY "S" TO SKIP, "F" TO FAIL OR "R" TO RETRY**

## Explanation

During EDGINERS processing, DFSMSrmm detected an error while trying to initialize a volume on a tape drive that has an Automatic Cartridge Loader (ACL). The cause of this error is described in a preceding error message. DFSMSrmm prompts the operator to reply to message EDG6671D.

In the message text:

### ***drive\_number***

The device number of the tape drive.

### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

## System action

EDGINERS waits for a reply from the operator.

## Operator response

Reply as described in the following table:

To	Operator replies	The result is
Skip the mounted volume	S	DFSMSrmm unloads the mounted volume and processes the next request.
Fail the request	F	DFSMSrmm unloads the mounted volume and the request fails.
Retry the request	R	DFSMSrmm unloads the mounted volume and reissues the mount request message EDG6627A. Before replying "R", the operator must correct the error (for example, enable write tab) and reload the ACL in the correct order.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6672I**

**A LABELVERSION VALUE HAS BEEN SPECIFIED FOR A LABEL TYPE OTHER THAN AL FOR VOLUME *volser***

## Explanation

A labelversion value has been specified for a label type other than an AL label.

In the message text:

### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

## System action

If you provided volume information in a SYSIN file, the system continues with the next request. If the information is entered using the operator console, DFSMSrmm issues message EDG6626A.

## Operator response

If you requested manual processing using the operator console, reply to the WTOR with valid values or END to end the EDGINERS program.

## System programmer response

Inform the operator of the correct reply to the WTOR. The syntax for the reply is described in [z/OS DFSMSrmm Managing and Using Removable Media](#).

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6673I**

**VALIDITY CHECK FAILED FOR *field* VALUE SPECIFIED WITH LABEL *label\_type* AND VERSION *version\_number* FOR VOLUME *volser***

## Explanation

An unacceptable value has been entered in the ACCESS or OWNERTEXT field for the label type and version being requested.

In the message text:

### ***field***

The field in the INIT or ERASE command that you entered via SYSIN or operator reply which contains an invalid value. Possible values are ACCESS, VOLSER, or OWNERTEXT.

### ***label\_type***

The type of labels being written on the tape volume. Currently only applicable to ISO/ANSI type labels.

### ***version\_number***

The version number of the label type being used which can be either 3 or 4.

### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

## System action

If you provided volume information in a SYSIN file, DFSMSrmm continues with the next request. If the data is being entered using the operator console, DFSMSrmm issues message EDG6626A.

## Operator response

If manual processing via the operator console is being used, reply to the WTOR with valid values, or END to terminate the EDGINERS program.

## System programmer response

Inform the operator of the correct reply to the WTOR. The syntax for the reply is described in *z/OS DFSMSrmm Managing and Using Removable Media*. See *z/OS MVS JCL Reference* for the valid ACCESS codes that can be used on ISO/ANSI version 4 labels.

## Source

DFSMSrmm

## Module

EDGINERS

---

**EDG6674I**

***Init\_or\_erase* OF VOLUME *volser* WITH A DIFFERENT VOL1 *vol1\_volser* IS NOT SUPPORTED FOR *voltype* VOLUMES**

## Explanation

You are running EDGINERS manual processing and you have specified a VOL1 value for an NL volume, scratch volume, logical volume, or stacked volume. In the message text:

### ***Init\_or\_erase***

One of the possible actions for this message

### ***volser***

The external volume serial number. If you are renaming the volume, DFSMSrmm includes both the current volume serial number and the new volume serial number in the message '*volser,newvolser*'.

### ***vol1\_volser***

VOL1 label volser

### ***voltype***

One of the following:

- NL - The volume does not have a label.
- STACKED - The volume is a stacked cartridge.
- LOGICAL - The volume is a logical volume.
- SCRATCH - The volume is a scratch status.

## System action

The *init\_or\_erase* action for the volume fails.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGINERS

## Storage Administrator Response

Do not specify a VOL1 value for an existing NL, scratch, logical, or stacked volume. Do not specify LABEL(NL) when labelling an existing duplicate volume. Duplicate volumes must be physical, non-scratch volumes with standard labels.

---

**EDG6675E**

**K *drive\_number* V(*volser*) R(*rack\_number*)**

## Explanation

EDGINERS has finished with the volume and the volume is to be dismounted from the drive.

In the message text:

### ***drive\_number***

*drive\_number* is the tape drive number.

### ***volser***

The external volume serial number. If you are renaming the volume both the current and new volume serial numbers are included in the message '*volser,newvolser*'.

### ***rack\_number***

*rack\_number* is the volume shelf location identifier that is used to define the volume to DFSMSrmm.  
*rack\_number* is null when the volume is not defined to DFSMSrmm.

### **System action**

If the drive is in an automated system managed library EDGINERS dismounts the volume. In all other cases you must dismount the volume.

### **Operator response**

If the tape drive is not in an automated library dismount the volume.

### **System programmer response**

None.

### **Source**

DFSMSrmm

### **Module**

EDGINERS

---

**EDG6676E**

**USER NOT AUTHORIZED TO REQUEST SCAN FUNCTION**

### **Explanation**

The user is not authorized to perform the requested function.

### **System action**

The utility fails the scan request.

### **Operator response**

None.

### **System programmer response**

Resubmit the job under an authorized user ID. See [\*z/OS DFSMSrmm Implementation and Customization Guide\*](#) for information for authorizing users.

### **Source**

DFSMSrmm

### **Module**

EDGINERS

### **Routing code**

3,5,11

---

**EDG6677E**

**VOLUME *volser* SCAN FAILED**

### **Explanation**

The scan of the specified volume *volser* failed.

In the message text:

**volser**

The external volume serial number.

**System action**

Processing continues with the next requested volume.

**Operator response**

If the request was operator initiated, correct the error and retry the request. If the error persists, report it to the system programmer.

**System programmer response**

Identify the cause of the error from the messages produced either in the SYSPRINT file or issued to the operator.

**Source**

DFSMSrmm

**Module**

EDGINERS

**Routing code**

3,5,11

---

**EDG6678I****VOLUME *volser* SCAN SUCCESSFUL****Explanation**

DFSMSrmm issues this message for information only. DFSMSrmm successfully scanned the volume.

In the message text:

**volser**

The external volume serial number.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGINERS

## Routing code

3,5,11

---

**EDG6679I**

**SCAN RESULTS:**

## Explanation

DFSMSrmm issues this message containing the results of the scan request.

## System action

Processing continues.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGINERS

## Routing code

3,5,11

## Storage Administrator Response

Review the SYSPRINT message file contents for mismatches between the volume and DFSMSrmm information.

---

**EDG6680E**

**MISMATCH OF VOLUME STATUS - VOLUME *volser* IS ALREADY PRIVATE  
IN THE TCDB**

## Explanation

You are scanning the labels of volume that is either scratch status in DFSMSrmm or is not defined to DFSMSrmm but is SCRATCH status in the TCDB. EDGINERS attempts to change the volume status in the TCDB to PRIVATE so that it can be mounted for processing. The change use attribute request failed because the volume is already PRIVATE in the TCDB.

In the message text:

***volser***

The external volume serial number.

## System action

The utility fails the scan request and processing continues with the next request.

## Operator response

None.

## System programmer response

If the scan request fails because the status of the TCDB volume and DFSMSrmm are not in synchronization, you must synchronize the status according to the correct status. If the status of the DFSMSrmm volume is correct, run the DFSMSrmm EDGUTIL utility with the MEND(SMSTAPE) parameter to update the status. You can use the SYSIN file to specify INCLUDE VOLUME(volser) so that only one volume is synchronized. If the status of the TCDB volume is correct, you can use the DFSMSrmm CHANGEVOLUME subcommand with the STATUS operand to update the status.

If the scan request fails because the status of the TCDB volume has changed from SCRATCH to PRIVATE since the time the EDGINERS utility checked the volume status, you do not have to scan the volume. The status might have changed if the volume was mounted by the library for a nonspecific request and has since been used successfully for output. The status and the label information of a volume that is used for output becomes synchronized with the status of DFSMSrmm.

## Source

DFSMSrmm

## Module

EDGINERS

## Routing code

3,5,11

---

**EDG6681I**

**SCAN FOR VOLUME *volser* CONTINUES – VOLUME NOT DEFINED TO DFSMSrmm**

## Explanation

You are scanning the labels of volume that is not defined to DFSMSrmm.

In the message text:

### ***volser***

The external volume serial number.

## System action

The utility continues but the scan request does not compare the volume label information with DFSMSrmm recorded information.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGINERS



## Routing code

3,5,11

---

**EDG6682I**

**SCAN RESULTS (TRUNCATED): FOR FULL DETAILS – REFER TO  
SYSPRINT FILE**

## Explanation

DFSMSrmm issues this multiline message to the operator console containing the results of the scan request.

## System action

Processing continues.

## Operator response

Review the message contents for mismatches between the volume and DFSMSrmm information. To see the complete output, review the contents of the SYSPRINT file. See [z/OS DFSMSrmm Managing and Using Removable Media](#) for details of using the LABEL procedure and how to obtain the SYSPRINT file. When SYSPRINT is not a DUMMY file and has been specified as a SYSOUT file, use a tool such as SDSF to view the output directly on the JES spool.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGINERS

## Routing code

3,5,11

---

**EDG6683I**

**MISMATCH ON *values***

## Explanation

DFSMSrmm issues this message to the operator console and SYSPRINT file containing the results of the comparison between tape label contents and the information defined to DFSMSrmm during a scan request.

In the message text:

### ***values***

Is a list of the values that are different between the tape labels and the information defined to DFSMSrmm. The values listed are the column headings in the EDG6679I SCAN RESULTS message: LBL, volser, Dsname, Vseq, Dseq, Crdate, Jobname, Step, RECFM, LRECL, BLKSZ, and Dev. See the label data comparison with DFSMSrmm data table in [z/OS DFSMSrmm Implementation and Customization Guide](#) for details of the fields compared.

## System action

Processing continues.

## Operator response

Review the message contents for mismatches between the volume and DFSMSrmm information. To see the complete output, review the contents of the SYSPRINT file. Use a tool such as SDSF to view the output directly on the JES spool.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGINERS

## Routing code

3,5,11

## Storage Administrator Response

Review the message contents for mismatches between the volume and DFSMSrmm information.

---

**EDG6685I DATA SET ATTRIBUTES WERE PREVIOUSLY CHANGED USING COPYFROM**

## Explanation

DFSMSrmm issues this message to the operator console and SYSPRINT file containing the results of the comparison between tape label contents and the information defined to DFSMSrmm during a scan request.

## System action

Processing continues.

## Operator response

Use this message to help you understand the reason for the reported mismatches.

## System programmer response

None

## Source

DFSMSrmm

## Module

EDGINERS

## Routing code

3,5,11

## Storage Administrator Response

When you review the message contents for mismatches between the volume and DFSMSrmm information consider that the DFSMSrmm information has been altered by a tape copy application or by the DFSMSrmm CHANGEDATASET subcommand using COPYFROM.

---

**EDG6700I**

**NO ERRORS FOUND TO MEND IN CONTROL DATA SET**

### Explanation

The EDGUTIL MEND function was requested but no errors were detected.

### System action

The utility ends.

### Operator response

None.

### System programmer response

None.

### Source

DFSMSrmm

### Module

EDGUTIL

---

**EDG6701W**

**CONTROL DATA SET ERRORS MENDED SUCCESSFULLY**

### Explanation

The EDGUTIL MEND function detected errors and successfully corrected them. This message is preceded by one or more messages that describe the error(s) found and the corrective action taken.

### System action

The utility ends.

### Operator response

Review the messages to determine if operator action is required to relocate physical volumes.

### System programmer response

Review the messages.

### Source

DFSMSrmm

### Module

EDGUTIL

---

**EDG6702W**

**CONTROL DATA SET CONTAINS ERRORS WHICH CANNOT BE MENDED**

## Explanation

The EDGUTIL MEND function detected errors that could not be corrected. This message is preceded by one or more messages that describe the errors found.

## System action

The utility ends. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Refer to the accompanying messages for the appropriate action.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6703E**

**CONTROL DATA SET MEND FAILED**

## Explanation

The EDGUTIL MEND function was unsuccessful. This message is preceded by one or more messages that describe the errors found.

## System action

The utility ends. DFSMSrmm sets a minimum return code of 8.

## Operator response

None.

## System programmer response

Refer to the accompanying messages for the appropriate action.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6704E**

**CDS USED IN THE MASTER DD STATEMENT IS THE SAME NAME AS THE  
CDS IN USE BY DFSMSrmm IN THIS SYSTEM**

## Explanation

The EDGUTIL MEND function detected that the control data set name used in the MASTER DD statement is the same name as the control data set currently in use by DFSMSrmm on this system.

## System action

The utility ends. DFSMSrmm sets return code 12.

## Operator response

None.

## System programmer response

Do not use the EDGUTIL MEND function on a control data set that DFSMSrmm is using. Stop DFSMSrmm. Then back up the DFSMSrmm control data set before running the EDGUTIL MEND job again.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6705E UNACCEPTABLE CONTROL DATA SET CONTROL RECORD DETECTED**

## Explanation

The EDGUTIL utility detected an incorrect control record in the DFSMSrmm control data set.

## System action

The utility ends. Return code 12 is set.

## Operator response

None.

## System programmer response

Contact the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6706E STORE\_STATUS OF X'hex\_value1' AND STORE\_ID OF X'hex\_value2'  
INCONSISTENT FOR VOLUME volser**

## Explanation

The EDGUTIL MEND or VERIFY functions detected an incorrect combination of store status and store id for the volume.

In the message text:

### **hex\_value1**

The value, in hexadecimal, of the volume's store status. One of the following values:

- X'01'**  
Tape library to REMOTE storage location
- X'02'**  
REMOTE storage location to tape library
- X'03'**  
Tape library to LOCAL storage location
- X'04'**  
LOCAL storage location to tape library
- X'05'**  
LOCAL storage location to DISTANT
- X'06'**  
Tape library to DISTANT storage location
- X'07'**  
DISTANT storage location to tape library
- X'09'**  
Storage location valid

**hex\_value2**

The value, in hexadecimal, of the volume's store id.

- X'C4'**  
DISTANT storage location
- X'D3'**  
LOCAL storage location
- X'D9'**  
REMOTE storage location
- X'E3'**  
Tape library

**volser**

The volume serial number of the volume in error.

**System action**

Processing continues. For VERIFY, a minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

If the request was MEND, no action is needed, otherwise run EDGUTIL requesting MEND to correct this.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6707I**

**STORE\_STATUS AND STORE\_ID WILL BE SET FROM LOCATION AND DESTINATION**

## Explanation

The EDGUTIL MEND function corrected the location information in a volume record. This message is preceded by EDG6706E.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6709E** *status\_type* RECORD number CONVERTED TO *status* STATUS

## Explanation

The EDGUTIL MEND function changed the status of a rack or bin record. This message is preceded by one or more other messages.

In the message text:

### ***status***

The assignment status of the shelf location, which can be:

#### **ASSIGNED**

the shelf location contains a volume

#### **EMPTY**

the shelf location does not contain a volume

### ***type***

The shelf location type, which can be:

#### **RACK**

the shelf location in a library

#### **BIN**

the shelf location in a storage location

### ***number***

The rack or bin number

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6710E** INITIAL LOGICAL FILE NUMBER IN ERROR FOR VOLUME *volser*,  
SHOULD BE *file\_number*

## Explanation

The EDGUTIL VERIFY function detected an incorrect logical file number for the specified volume and determined its correct value.

In the message text:

### ***volser***

The volume serial number of the volume in error.

### ***file\_number***

The correct logical file number for the volume.

## System action

Processing continues. A minimum return code of 4 is set.

## Operator response

None.

## System programmer response

Run the EDGUTIL MEND function to correct the error.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6711E** INITIAL LOGICAL FILE NUMBER IN ERROR FOR VOLUME *volser*,  
CHANGED TO *file\_number*

## Explanation

The EDGUTIL MEND function detected an incorrect logical file number for the specified volume and corrected it.

In the message text:

### ***volser***

The volume serial number of the volume in error.

### ***file\_number***

The correct logical file number for the volume.



## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6712E** *rack\_type1* RACK NUMBER *rack\_number* FOR MEDIANAME *medianame*  
DUPLICATED BY *rack\_type2* RACK

## Explanation

The EDGUTIL VERIFY function detected a duplicate rack record.

In the message text:

### ***rack\_type1***

The type of rack number and can be:

- INUSE
- EMPTY
- FREE

### ***rack\_number***

The rack number where the volume is stored which has a duplicate.

### ***medianame***

The media name associated with the rack number.

### ***rack\_type2***

The type of the duplicated rack number and can be:

- INUSE
- EMPTY
- FREE

## System action

Processing continues. A minimum return code of 4 is set.

## Operator response

None.

## System programmer response

Run the EDGUTIL MEND function to correct the error.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6713E**

***rack\_type1* RACK NUMBER *rack\_number* FOR MEDIANAME *medianame*  
DUPLICATED BY *rack\_type2* RACK WHICH WILL BE DELETED**

## Explanation

The EDGUTIL MEND function detected a duplicate rack record and deleted it.

In the message text:

### ***rack\_type1***

The type of rack number and can be:

- INUSE
- EMPTY
- FREE

### ***rack\_number***

The rack number to be deleted.

### ***medianame***

The media name associated with the rack number to be deleted.

### ***rack\_type2***

The type of the duplicated rack. This is the record which is deleted and can be:

- INUSE
- EMPTY
- FREE

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6714I**

**NEXT LOCATION NAME *location* IS NOT CONSISTENT WITH  
NEXT\_STORE\_ID VALUE X'*hexadecimal\_value*' IN THE *volser* VOLUME  
RECORD**

## Explanation

The EDGUTIL MEND or VERIFY functions detected an inconsistency with required location information in the volume record. If MEND was requested, this message will be accompanied by EDG6715I.

In the message text:

### ***location***

The required location for the volume.

### ***hexadecimal\_value***

The next store id for the volume, in hexadecimal.

### ***volser***

The volume serial number of the volume in error.

## System action

Processing continues. For VERIFY, a minimum return code of 4 is set.

## Operator response

None.

## System programmer response

If the request was MEND, no action is needed, otherwise run EDGUTIL requesting MEND to correct this.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6715I**

**NEXT LOCATION NAME AND NEXT\_STORE\_ID CLEARED**

## Explanation

The EDGUTIL MEND function detected an inconsistency with required location information in the volume record and corrected it. This message is preceded by message EDG6714I.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6718I**

**COUNT OF *rack\_type* RACK NUMBERS IS NOT EQUAL TO THE NUMBER IN THE CONTROL DATA SET CONTROL RECORD - COUNT CHANGED TO *count***

## Explanation

The EDGUTIL MEND function detected that the count of rack numbers - FREE, INUSE, or EMPTY, in the control record, was incorrect and updated it.

In the message text:

### ***rack-type***

The type of rack number and can be:

- FREE
- INUSE
- EMPTY

### ***count***

The correct count of the rack numbers.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6719I**

**COUNT OF *type* BIN NUMBERS IN THE *location* STORAGE LOCATION IS NOT EQUAL TO THE NUMBER IN THE CONTROL DATA SET CONTROL RECORD - COUNT CHANGED TO *count***

## Explanation

The EDGUTIL MEND function detected that the count of bin numbers in the specified storage location was incorrect and updated it.

In the message text:

### ***type***

The type of bin number and can be:

- EMPTY
- ALL

**location**

The location name of the bin records.

**count**

The correct count of the bin numbers.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6720E**

**INUSE BIN NUMBER *bin\_number* FOR STORAGE LOCATION *store\_name*  
DUPLICATED BY EMPTY BIN**

**Explanation**

The EDGUTIL VERIFY function detected that the inuse bin number specified has a duplicate empty bin record.

In the message text:

***bin\_number***

The bin number of the inuse bin.

***store\_name***

The storage location name of the bin record.

**System action**

Processing continues. A minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

Run the EDGUTIL MEND function to correct the error.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

EDG6721E

INUSE BIN NUMBER *bin\_number* FOR STORAGE LOCATION *store\_name*  
DUPLICATED BY EMPTY BIN NUMBER, WHICH WILL BE DELETED

### Explanation

The EDGUTIL MEND function detected that the bin number in use has a duplicate empty bin record, which was deleted.

In the message text:

***bin\_number***

The bin number of the inuse bin.

***store\_name***

The storage location name of the bin record.

### System action

Processing continues.

### Operator response

None.

### System programmer response

None.

### Source

DFSMSrmm

### Module

EDGUTIL

---

EDG6722E

INUSE BIN NUMBER *bin\_number* FOR LOCATION *location* AND  
MEDIANAME *media\_name* DUPLICATED BY EMPTY BIN

### Explanation

The EDGUTIL VERIFY function detected that the inuse bin number specified has a duplicate empty bin record.

In the message text:

***bin\_number***

The bin number of the inuse bin.

***media\_name***

The media name associated with the bin record.

***location***

The storage location name of the bin record.

### System action

Processing continues. A minimum return code of 4 is set.

### Operator response

None.

## System programmer response

Run the EDGUTIL MEND function to correct the error.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6723I** INUSE BIN NUMBER *bin\_number* FOR LOCATION *location* AND  
MEDIANAME *media\_name* DUPLICATED BY EMPTY BIN, WHICH WILL  
BE DELETED

## Explanation

The EDGUTIL MEND function detected that the bin number in use has a duplicate empty bin record, and deleted it.

In the message text:

### ***bin\_number***

The bin number of the bin in use.

### ***media\_name***

The media name associated with the bin record.

### ***location***

The storage location name of the bin record.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6724E** STORAGE LOCATION RECORD(S) WITH INCORRECT TYPE *store\_type*  
DETECTED

## Explanation

The EDGUTIL VERIFY function detected one or more storage location records with an incorrect storage location type.

In the message text:

**store\_type**

The storage location type of the storage location record. It will not be one of the following values:

- D - DISTANT storage location
- L - LOCAL storage location
- R - REMOTE storage location
- U - User-defined storage location

**System action**

Processing continues. A minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

Run the EDGUTIL MEND function to correct the error.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6725I****STORAGE LOCATION RECORD(S) WITH INCORRECT TYPE *store\_type*  
DELETED****Explanation**

The EDGUTIL MEND function detected one or more storage location bin records with an incorrect storage location type and deleted the records from the DFSMSrmm control data set.

In the message text:

**store\_type**

The storage location type of the storage location record. Valid values are:

**D**

DISTANT storage location

**L**

LOCAL storage location

**R**

REMOTE storage location

**U**

User-defined storage location

**System action**

Processing continues.

**Operator response**

None.





***bin\_number2***

The number of the last created bin in the range.

***store\_name***

The name of the storage location where bin records have been created.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6728E**

**BIN NUMBER *bin\_number* INCORRECT FOR STORAGE LOCATION  
*storename***

**Explanation**

The EDGUTIL VERIFY function detected a bin record with an incorrect bin number.

In the message text:

***bin\_number***

The incorrect bin number.

***store\_name***

The name of the storage location of the incorrect bin record.

**System action**

Processing continues. A minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

Run the EDGUTIL MEND function to correct the error.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

EDG6729I

**BIN NUMBER *bin\_number* INCORRECT FOR STORAGE LOCATION  
*store\_name* - DELETED**

### Explanation

The EDGUTIL MEND function detected a bin record with an incorrect bin number and deleted it from the control data set.

In the message text:

***bin\_number***

The number of the incorrect bin record.

***store\_name***

The name of the storage location of the incorrect bin record.

### System action

Processing continues.

### Operator response

None.

### System programmer response

None.

### Source

DFSMSrmm

### Module

EDGUTIL

---

EDG6730E

***status* BIN NUMBER *bin\_number* FOR STORAGE LOCATION *location* HAS  
INCONSISTENT VOLUME CONFIGURATION MI *volser\_mi* MO *volser\_mo*  
CR *volser\_cr***

### Explanation

The EDGUTIL VERIFY or MEND function detected an inconsistency in the DFSMSrmm control data set between a bin record and one or more volume records. If MEND was requested, this message is accompanied by EDG6709I or EDG6731.

In the message text:

***status***

The assignment status of the bin, which can be:

**ASSIGNED**

The bin is occupied by a volume.

**EMPTY**

The bin is not occupied by a volume.

***bin\_number***

The bin number of a bin-managed storage location.

***location***

Name of a bin-managed storage location.

**volser\_mi**

The volume serial number of the volume which is moving into the bin.

**volser\_mo**

The volume serial number of the volume which is moving out of the bin.

**volser\_cr**

The volume serial number of the volume that is currently assigned to the bin.

**System action**

Processing continues. For VERIFY, a minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

If the request was MEND, no action is needed. To correct this inconsistency, run EDGUTIL requesting MEND.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6731I**

***status* BIN NUMBER *bin\_number* FOR STORAGE LOCATION *location* -  
VOLUME *volser* UNASSIGNED**

**Explanation**

The EDGUTIL MEND function deleted the reference to a volume record in a bin record to correct an inconsistency in the DFSMSrmm control data set. This message is preceded by EDG6730E or EDG6502W.

In the message text:

***status***

The assignment status of the bin, which can be:

**ASSIGNED**

The bin is occupied by a volume.

**EMPTY**

The bin is not occupied by a volume.

***bin\_number***

The bin number of a bin managed storage location.

***location***

Name of a bin managed storage location.

***volser***

The volume serial number of the volume which has been unassigned from the bin.

**System action**

Processing continues.

**Operator response**

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6740I** RACK NUMBER *rack\_number* FOR MEDIANAME *media\_name* RE-USED  
FOR VOLUME *volser*

## Explanation

The EDGUTIL MEND function has reclaimed a logically-deleted rack record and associated it with the volume.

In the message text:

### ***rack\_number***

The rack number that has been reused.

### ***media\_name***

The media name associated with the rack number.

### ***volser***

The volume serial number of the volume that has been reassigned.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6741W** RACK NUMBER *rack\_number* FOR MEDIANAME *media\_name* ASSIGNED  
TO VOLUME *volser*, CHECK PHYSICAL LOCATION OF VOLUME

## Explanation

The EDGUTIL MEND function has associated the rack record with the volume but the volume is likely to be physically elsewhere.

In the message text:

### ***rack\_number***

The rack number that has been assigned.

**media\_name**

The media name associated with the rack number.

**volser**

The volume serial number of the volume that has been assigned.

**System action**

Processing continues.

**Operator response**

Locate the volume and place it in the rack number specified.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6742E**

**NO RACK NUMBER FOR MEDIANAME *media\_name* AVAILABLE TO BE  
ASSIGNED TO VOLUME *volser***

**Explanation**

The EDGUTIL MEND function found no empty rack of the required media type in which to store the volume.

In the message text:

**media\_name**

The media name associated with the rack number.

**volser**

The volume serial number of the volume.

**System action**

Processing continues. A minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

Define at least one more rack of the required media type. Then issue the RMM CHANGEVOLUME subcommand to associate the volume with the new rack number or rerun the EDGUTIL MEND function.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6743I**

**BIN NUMBER *bin\_number* IN LOCATION *location* RE-USED FOR VOLUME  
*volser***

### **Explanation**

The EDGUTIL MEND function has reclaimed a logically-deleted bin record and associated it with the volume.

In the message text:

***bin\_number***

The bin number that has been reused.

***location***

The storage location of the bin.

***volser***

The volume serial number of the volume that has been reassigned.

### **System action**

Processing continues.

### **Operator response**

None.

### **System programmer response**

None.

### **Source**

DFSMSrmm

### **Module**

EDGUTIL

---

**EDG6744W**

**BIN NUMBER *bin\_number* IN LOCATION *location* ASSIGNED TO VOLUME  
*volser*, CHECK PHYSICAL LOCATION OF VOLUME**

### **Explanation**

The EDGUTIL MEND function has associated the bin record with the volume but the volume is likely to be physically elsewhere.

In the message text:

***bin\_number***

The bin number that has been assigned.

***location***

The storage location of the bin number.

***volser***

The volume serial number of the volume that has been assigned to the bin number.

### **System action**

Processing continues.

## Operator response

Locate the volume and place it in the bin number specified.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6745E** NO BIN NUMBER IN LOCATION *location* AVAILABLE TO BE ASSIGNED TO VOLUME *volser*

## Explanation

The EDGUTIL MEND function found no empty bin in the required store in which to assign a volume.

In the message text:

### ***location***

The storage location of the bin number.

### ***volser***

The volume serial number of the volume.

## System action

Processing continues. A minimum return code of 4 is set.

## Operator response

None.

## System programmer response

Define at least one more bin for the required storage location and issue the RMM CHANGEVOLUME subcommand to associate the volume with the bin number or rerun the EDGUTIL MEND function.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6746I** BIN NUMBER *bin\_number* FOR MEDIANAME *media\_name* IN LOCATION *location* RE-USED FOR VOLUME *volser*

## Explanation

The EDGUTIL MEND function has reclaimed a logically-deleted bin record and associated it with the volume.

In the message text:



***bin\_number***

The bin number that has been reused.

***media\_type***

The media type of the bin number.

***location***

The storage location of the bin number.

***volser***

The volume serial number of the volume.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6747W**

**BIN NUMBER *bin\_number* FOR MEDIANAME *media\_name* IN LOCATION *location* ASSIGNED TO VOLUME *volser*, CHECK PHYSICAL LOCATION OF VOLUME**

**Explanation**

The EDGUTIL MEND function has associated a bin record with the volume but the volume is likely to be physically elsewhere.

In the message text:

***bin\_number***

The bin number that has been assigned.

***media\_name***

The media name associated with the bin.

***location***

The storage location of the bin number.

***volser***

The volume serial number of the volume.

**System action**

Processing continues.

**Operator response**

Locate the volume and place it in the bin number specified.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6748E** NO BIN NUMBER FOR MEDIANAME *media\_name* IN LOCATION *location*  
AVAILABLE TO BE ASSIGNED TO VOLUME *volser*

## Explanation

The EDGUTIL MEND function found no empty bin of the required media type in the required store in which to assign a volume.

In the message text:

### ***media\_name***

The media name associated with the required bin number.

### ***location***

The storage location of the required bin number.

### ***volser***

The volume serial number of the volume.

## System action

Processing continues. A minimum return code of 4 is set.

## Operator response

None.

## System programmer response

Define at least one more bin of the required media type to the storage location and issue the RMM CHANGEVOLUME subcommand to associate the volume with the new bin number or rerun the EDGUTIL MEND function.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6750E** NO DATA SET ON VOLUME *volser*, BUT LAST DATA SET POINTER NOT  
NULL

## Explanation

The EDGUTIL VERIFY(VOLUME) function has detected that the volume has a last data set pointer but the volume contains no data sets.

In the message text:

**volser**

The volume serial number of the volume.

**System action**

Processing continues. A minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

Run the EDGUTIL MEND function to correct the error.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6752E DATA SET COUNT FOR VOLUME *volser* INCORRECT, SHOULD BE *count*****Explanation**

The EDGUTIL VERIFY function has determined that the count of data sets on the volume is incorrect and should be changed to the calculated value.

In the message text:

**volser**

The volume serial number of the volume.

**count**

The correct data set count for the volume.

**System action**

Processing continues. A minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

Run EDGUTIL requesting MEND to correct this.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6753I DATA SET COUNT FOR VOLUME *volser* INCORRECT, COUNT SET TO *count***

## Explanation

The EDGUTIL MEND function has determined that the count of data sets on the volume is incorrect and has updated it with the correct count.

In the message text:

***volser***

The volume serial number of the volume.

***count***

The correct data set count for the volume.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6754E**

**LAST DATA SET POINTER FOR VOLUME *volser* NULL AND SHOULD BE *data\_set\_name***

## Explanation

The EDGUTIL VERIFY or MEND functions have detected a data set record has been disassociated from its volume.

In the message text:

***volser***

The volume serial number of the volume.

***data\_set\_name***

The correct data set name.

## System action

Processing continues. For VERIFY, a minimum return code of 4 is set.

## Operator response

None.

## System programmer response

If the request was MEND, no action is needed, otherwise run EDGUTIL requesting MEND to correct this.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6755I**

***data\_set* POINTER FOR VOLUME *volser* CHANGED TO *data\_set\_name***

## Explanation

The EDGUTIL MEND function has associated an orphaned data set record with the volume.

In the message text:

### ***data\_set***

One of the following:

#### **1ST DATA SET**

First data set on the volume

#### **LAST DATASET**

Last data set on the volume

#### **NEXT DATASET**

Next data set on the volume

#### **PREV DATASET**

Previous data set on the volume

### ***volser***

The volume serial number of the volume.

### ***data\_set\_name***

The correct data set name.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6756I**

**DATA SET RECORD *data\_set\_name* SEQUENCE *sequence* ON VOLUME *volser* DELETED**

## Explanation

The EDGUTIL MEND function has determined that the data set record specified is incorrectly associated with the volume. The data set record has been deleted.

In the message text:

***volser***

The volume serial number of the volume.

***sequence***

The next data set sequence number.

***data\_set\_name***

The correct data set name.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6757W**

**DATA SET RECORD *data\_set\_name* SEQUENCE *sequence1* ON VOLUME  
*volser* OUT OF SEQUENCE, SEQUENCE *sequence2* EXPECTED.**

**Explanation**

The EDGUTIL VERIFY or MEND functions have examined the sequence of data sets on the volume and determined that there is a sequencing error.

In the message text:

***data\_set\_name***

The data set name.

***sequence1***

The data set's sequence number.

***volser***

The volume serial number of the volume.

***sequence2***

The correct sequence number.

**System action**

Processing continues. For VERIFY, a minimum return code of 4 is set.

**Operator response**

None.

## System programmer response

If the request was MEND, no action is needed, otherwise run EDGUTIL requesting MEND to correct this.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6758I** *data\_set* POINTER FOR DATA SET *data\_set\_name1* ON VOLUME *volser*  
CHANGED TO *data\_set\_name2*

## Explanation

The EDGUTIL MEND function has corrected the association between the data set and volume records specified.

In the message text:

### ***data\_set***

One of the following values:

- NEXT DATASET - Next data set on the volume
- PREV DATASET - Previous data set on the volume

### ***data\_set\_name1***

The data set name.

### ***volser***

The volume serial number of the volume.

### ***data\_set\_name2***

The correct data set name.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6759W** DATA SET RECORD *data\_set\_name1* SEQUENCE *sequence* ON VOLUME  
*volser* OUT OF SEQUENCE, DATA SET *data\_set\_name2* EXPECTED

## Explanation

The EDGUTIL VERIFY or MEND functions have examined the sequence of data set records associated with the volume and determined that a sequencing error exists.

In the message text:

***data\_set\_name1***

The recorded data set name.

***sequence***

The file sequence number of the data set.

***volser***

The volume serial number of the volume.

***data\_set\_name2***

The correct data set name.

## System action

Processing continues. For VERIFY, a minimum return code of 4 is set.

## Operator response

None.

## System programmer response

If the request was MEND, no action is needed, otherwise run EDGUTIL requesting MEND to correct this.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6760E**

**VOLUME *volser* HAS INCONSISTENT STATUS FLAGS FLGA =  
*X'hexadecimal\_value1'*, FLGAX = *X'hexadecimal\_value2'***

## Explanation

The EDGUTIL VERIFY or MEND functions have determined that the specified fields in the volume record hold contradictory or erroneous information.

In the message text:

***volser***

The volume serial number of the volume.

***hexadecimal\_value1***

The contents of field FLGA, in hexadecimal. One of the following values:

***X'80'***

Volume is a master volume.

***X'40'***

Volume pending release.

***X'20'***

Vital record - do not release.

***X'10'***

User tape.



**X'08'**

Tape is on loan.

**X'04'**

Tape opened and not yet closed.

**X'02'**

Volume is scratch.

**X'01'**

Volume recorded by OPEN/CLOSE/EOV.

**hexadecimal\_value2**

The contents of field FLGAX, in hexadecimal. One of the following values

**X'80'**

Scratch volume claimed via RMM GETVOLUME subcommand.

**X'40'**

Scratch volume has never been initialized.

**X'20'**

Scratch volume with initialize action pending.

**X'10'**

Scratch volume waiting to enter a Tape Library Dataserver

**X'08'**

Abend in process when a data set closed.

**X'04'**

Abend in OPEN/CLOSE/EOV.

**X'02'**

Initialization requested for a Tape Library Dataserver volume.

**System action**

Processing continues. For VERIFY, a minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

If the request was MEND, no action is needed, otherwise run EDGUTIL requesting MEND to correct this.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6761I**

**VOLUME volser FLGA SET TO X'hexadecimal\_value1', AND FLGAX SET TO X'hexadecimal\_value2'**

**Explanation**

The EDGUTIL MEND function has determined the proper values of the volume record's status flags and has updated them.

In the message text:

**volser**

The volume serial number of the volume.

**hexadecimal\_value1**

The contents of field FLGA, in hexadecimal. One of the following values:

**X'80'**

Volume is a master volume.

**X'40'**

Volume pending release.

**X'20'**

Vital record - do not release.

**X'10'**

User tape assigned by the librarian.

**X'08'**

Tape is on loan.

**X'04'**

Tape opened and not yet closed.

**X'02'**

Volume is scratch.

**X'01'**

Volume recorded by OPEN/CLOSE/EOV.

**hexadecimal\_value2**

The contents of field FLGAX, in hexadecimal. One of the following values:

**X'80'**

Scratch volume claimed via RMM GETVOLUME subcommand.

**X'40'**

Scratch volume has never been initialized.

**X'20'**

Scratch volume with initialize action pending.

**X'10'**

Scratch volume waiting to enter a Tape Library Dataserver.

**X'08'**

Abend in process when a data set closed.

**X'04'**

Abend probably in OPEN/CLOSE/EOV.

**X'02'**

Initialization requested for a Tape Library Dataserver volume.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

## Module

EDGUTIL

EDG6762E

VOLUME *volser* HAS INCONSISTENT TDSI INFORMATION  
*X'hexadecimal\_value'*

## Explanation

The EDGUTIL VERIFY function has determined that the Tape Data Set Information settings in the volume record are incorrect.

In the message text:

### ***volser***

The volume serial number of the volume.

### ***hexadecimal\_value***

The contents of the TDSI, in hexadecimal.

- Tape recording format and can be:

**X'00'**

Not 3480

**X'01'**

18 track

**X'02'**

36 track

**X'03'**

128 track

- Tape media type and can be:

**X'00'**

Not 3480

**X'01'**

Cartridge system tape

**X'02'**

Enhanced capacity cartridge

**X'03'**

High performance cartridge tape

**X'04'**

Extended high performance cartridge tape

- Tape compaction technique and can be:

**X'00'**

Not known

**X'01'**

Not compacted

**X'02'**

compacted

- Tape special attributes and can be:

**X'00'**

None.

**X'01'**

read compatible

## System action

Processing continues. A minimum return code of 4 is set.

## Operator response

None.

## System programmer response

Run the EDGUTIL MEND function to correct the error.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6763I** **VOLUME *volser* HAS INCONSISTENT TDSI INFORMATION**  
***X'hexadecimal\_value1'*, CHANGED TO *X'hexadecimal\_value1'***

## Explanation

The EDGUTIL MEND function has determined the correct settings for the volume's Tape Data Set Information flags and has updated the volume record.

In the message text:

### ***volser***

The volume serial number of the volume.

### ***hexadecimal\_value1***

The contents of the TDSI, in hexadecimal.

- Tape recording format and can be:

**X'00'**

Not 3480

**X'01'**

18 track

**X'02'**

36 track

**X'03'**

128 track

- Tape media type and can be:

**X'00'**

Not 3480

**X'01'**

Cartridge system tape

**X'02'**

Enhanced capacity cartridge

**X'03'**

High performance cartridge tape

**X'04'**

Extended high performance cartridge tape

- Tape compaction technique and can be:

**X'00'**

Not known

**X'01'**

Not compacted

**X'02'**

compacted

- Tape special attributes and can be:

**X'00'**

None.

**X'01'**

read compatible

***hexadecimal\_value2***

The correct value of the TDSI, in hexadecimal.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6764E** *location\_type* LOCATION *location\_name* AND TYPE *type* FOR VOLUME  
*volser* INCORRECT

**Explanation**

The EDGUTIL VERIFY function has determined that the volume's location type is incompatible with the volume's location name.

In the message text:

***location\_type***

The location type of the volume. One of the following values:

- DISTANT
- LOCAL
- REMOTE
- Shelf

***location\_name***

The location name of the volume.

***type***

The type of location. One of the following values:

**X'00'**

shelf location

**X'01'**

storage location

**X'02'**

manual library

**X'03'**

automatic library

**X'04'**

shelf-managed storage location with bins

**X'05'**

storage location without bins

***volser***

The volume serial number of the volume.

**System action**

Processing continues. A minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

Run the EDGUTIL MEND function to correct the error.

**Source**

DFSMSrmm

**Module**

EDGUTIL

**EDG6765W**


---

***location\_type* LOCATION *location\_name* AND TYPE *type* FOR VOLUME  
*volser* INCORRECT, CHANGED TO SHELF. CHECK PHYSICAL LOCATION  
OF VOLUME**

**Explanation**

The EDGUTIL VERIFY or MEND functions have determined that the volume's location type is incompatible with the volume's location name.

In the message text:

***location\_type***

The location type of the volume. One of the following values:

- DISTANT
- LOCAL
- REMOTE
- Shelf

***location\_name***

The location name of the volume.

**type**

The type of location. One of the following values:

**X'00'**

shelf location

**X'01'**

storage location

**X'02'**

manual library

**X'03'**

automatic library

**X'04'**

shelf-managed storage location with bins

**X'05'**

storage location without bins

**volser**

The volume serial number of the volume.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6768E****VOLUME *volser* HAS UNSUPPORTED OWNER *owner*****Explanation**

The EDGUTIL VERIFY or MEND functions have determined that the volume is not associated with the owner record or the owner record is missing.

In the message text:

***volser***

The volume serial number of the volume.

***owner***

The volume's owner as recorded in the volume record.

**System action**

Processing continues. For VERIFY, a minimum return code of 4 is set.

## Operator response

None.

## System programmer response

If the request was MEND, no action is needed, otherwise run EDGUTIL requesting MEND to correct this.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6769E**

**VOLUME *volser* ASSIGNED TO DEFAULT OWNER *owner***

## Explanation

The EDGUTIL MEND function has assigned ownership of the volume to the default owner record.

In the message text:

### ***volser***

The volume serial number of the volume.

### ***owner***

The volume's owner.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6770I**

**OWNER RECORDS CORRECTED FROM VOLUME INFORMATION**

## Explanation

The EDGUTIL MEND function has corrected the associations between volume records and owner records.

## System action

Processing continues.





## System action

Processing continues. For VERIFY, a minimum return code of 4 is set.

## Operator response

None.

## System programmer response

If the request was MEND, no action is needed, otherwise run EDGUTIL requesting MEND to correct this.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6774E**

**SCRATCH VOLUME *volser* HAS OWNER INFORMATION**

## Explanation

The EDGUTIL VERIFY function has detected that a volume identified as a scratch volume has owner information.

In the message text:

### ***volser***

The volume serial number of the scratch volume that has owner information.

## System action

Processing continues. For VERIFY, DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

If the request was MEND, no action is needed, otherwise run EDGUTIL requesting MEND to correct the error.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6775E**

**OWNER INFORMATION CLEARED FOR VOLUME *volser***

## Explanation

The EDGUTIL MEND function has detected that a volume identified as a scratch volume has owner information.

In the message text:

### ***volser***

The volume serial number of the scratch volume that has owner information.



## Explanation

This message is issued for information only. The EDGUTIL MEND function has deleted a data set record with a data set name of all blanks.

In the message text:

### ***sequence***

The data sequence number.

### ***volser***

The volume serial number of the volume.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6782W**

**DATA SET RECORD *dsname*, SEQUENCE *sequence* ON VOLUME *volser*  
STARTS WITH BLANK OR NULL**

## Explanation

The EDGUTIL VERIFY or MEND function found a data set record with a data set name starting with blank or null.

In the message text:

### ***dsname***

The data set name containing the blank or null character.

### ***sequence***

The data set sequence number.

### ***volser***

The volume serial number of the volume.

## System action

Processing continues.

## Operator response

None.

## System programmer response

If DFSMSrmm issued this message for an EDGUTIL MEND function request, no action is required. If DFSMSrmm issued this message for an EDGUTIL VERIFY request, run the EDGUTIL MEND function to correct the problem.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6783I**

**GENERIC KEY VALUE *mkgenkey\_value* IS NOT CONSISTENT WITH  
*vrs\_type* VRS FOR *vrs\_name***

## Explanation

The DFSMSrmm utility, EDGUTIL, is verifying the contents of the vital record specification information in the DFSMSrmm control data set. The utility found that the MKGENKEY value is not consistent with either the data set name or the job name specified in the vital record specification.

In the message text:

### ***mkgenkey\_value***

This is the key of the vital record specification.

### ***vrs\_type***

This is the vital record specification type in the DFSMSrmm control data set. It can be:

- DATASET
- VOLUME
- NAME

### ***vrs\_name***

This is the name of the vital record specification in the DFSMSrmm control data set.

## System action

Processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Run the EDGUTIL MEND function to correct the problem.

## Source

DFSMSrmm

## Module

EDGBKUP

---

**EDG6784I**

**GENERIC KEY VALUE *mkgenkey\_value* SET IN *vrs\_type* VRS FOR  
*vrs\_name***

## Explanation

The DFSMSrmm utility, EDGUTIL, is mending the contents of the vital record specification information in the DFSMSrmm control data set. The utility found that the MKGENKEY value is not consistent with either the data set name or the job name specified in the vital record specification and corrected it.

In the message text:

***mkgenkey\_value***

This is the key of the vital record specification.

***vrs\_type***

This is the vital record specification type in the DFSMSrmm control data set. It can be:

- DATASET
- VOLUME
- NAME

***vrs\_name***

This is the name of the vital record specification in the DFSMSrmm control data set.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGBKUP

---

**EDG6785I**

**VRS RECORD CONTAINS UNSUPPORTED DATA SET NAME MASK**  
***data\_set\_name jobname***

**Explanation**

The EDGUTIL VERIFY or EDGUTIL MEND function has detected a vital record specification with a data set name mask which does not meet the restrictions for specifying data set names.

In the message text:

***data\_set\_name***

The data set name or generic data set name mask.

***jobname***

The job name or generic job name mask.

**System action**

Processing continues. DFSMSrmm sets a minimum return code of 4.

**Operator response**

None.



## Module

EDGUTIL

---

**EDG6805E**

**LOGICAL VOLUME *volser* HAS RACK NUMBER *rackno*-A RACK NUMBER IS NOT SUPPORTED FOR A LOGICAL VOLUME**

## Explanation

The DFSMSrmm utility, EDGUTIL, is verifying the contents of the volume information in the DFSMSrmm control data set. The utility found a rack number for the volume.

In the message text:

### ***volser***

This is the volume serial number.

### ***rackno***

This is the rack number assigned to the volume.

## System action

Processing continues. DFSMSrmm sets a minimum return code of 4.

## System programmer response

Run the EDGUTIL MEND function to correct the problem.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6806I**

**LOGICAL VOLUME *volser* REMOVED FROM RACK NUMBER *rackno***

## Explanation

The DFSMSrmm utility, EDGUTIL, is MENDING the contents of the volume information in the DFSMSrmm control data set. The utility found a rack number for the volume. The utility removed the volume from the rack number, leaving the rack number empty.

In the message text:

### ***volser***

This is the volume serial number.

### ***rackno***

This is the rack number previously assigned to the volume.

## System action

Processing continues.

## Operator response

None.

## System programmer response

If the rack number is no longer required, you can delete the empty rack number.



## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6807E** VOLUME *volser* IN LIBRARY *libname* IS NOT DEFINED AS A *volume\_type*  
VOLUME

## Explanation

The DFSMSrmm EDGUTIL utility is verifying the contents of the volume information in the DFSMSrmm control data set. The utility found a volume to be in a system-managed library and has determined the library type and optionally obtained volume details from the Library Manager database. Volumes in a virtual tape server can be logical volumes or stacked volumes. If a library is not a virtual tape server, the volume type must be a physical volume.

In the message text:

### ***volser***

This is the volume serial number.

### ***libname***

This is the name of the system-managed library.

### ***volume\_type***

This is the type of volume determined by DFSMSrmm processing. It can be one of the following:

- LOGICAL
- PHYSICAL
- STACKED

## System action

Processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

If DFSMSrmm issues this message for EDGUTIL VERIFY(VOLCAT) processing, you should check for the volume type in the Library Manager database. Alternatively you can check for the volume type by running the DFSMSrmm EDGUTIL utility with the VERIFY(SMSTAPE) parameter. If the DFSMSrmm information must be updated, run the EDGUTIL utility with the MEND parameter to update the information.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6808I** VOLUME *volser* IN LIBRARY *libname* HAS BEEN CHANGED TO A *volume\_type*  
VOLUME

## Explanation

DFSMSrmm issues this message to inform you that the utility has corrected an error. The DFSMSrmm EDGUTIL utility is MENDING the volume information in the DFSMSrmm control data set. The utility found a volume to be in a system-managed library and has determined the library type and optionally obtained volume details from the Library Manager database. Volumes in a virtual tape server can be logical volumes or stacked volumes. If a library is not a virtual tape server, the volume type must be a physical volume.

In the message text:

### ***volser***

This is the volume serial number.

### ***libname***

This is the name of the library. It can be a virtual tape server or a regular library.

### ***volume\_type***

This is the type of volume determined by DFSMSrmm processing. It can be one of the following:

- LOGICAL
- PHYSICAL
- STACKED

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6809I**

**NO VOLUME ENTRIES FOUND IN THE VOLUME CATALOG**

## Explanation

You are running EDGUTIL VERIFY with SMSTAPE or VOLCAT parameters or have requested the EDGUTIL MEND function. DFSMSrmm tried to open the volume catalog to retrieve volume records but no volumes were found in the volume catalog.

## System action

EDGUTIL processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6810E** STACKED VOLUME *volser* COUNT *wrong\_count* OF VOLUMES SHOULD BE *correct\_count*

## Explanation

You are running the DFSMSrmm EDGUTIL utility with the VERIFY parameter to verify volume information. DFSMSrmm found an existing stacked volume with an incorrect count of the volumes contained on the stacked volume.

In the message text:

### *volser*

This is the volume serial number of the stacked volume.

### *wrong\_count*

This is the count from the stacked volume record.

### *correct\_count*

The count of the volumes with this stacked volume named as their container.

## System action

EDGUTIL processing continues. For EDGUTIL VERIFY processing, DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Run the DFSMSrmm EDGUTIL utility with the MEND parameter.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6811I** STACKED VOLUME *volser* COUNT *wrong\_count* OF VOLUMES CORRECTED TO *correct\_count*

## Explanation

You are running the DFSMSrmm EDGUTIL utility with the MEND parameter for volume information. DFSMSrmm found an existing stacked volume with an incorrect count of the volumes contained on the stacked volume. DFSMSrmm corrects the count of contained volumes.

In the message text:

**volser**

This is the volume serial number of the stacked volume.

**wrong\_count**

This is the count from the stacked volume record.

**correct\_count**

The count of the volumes with this stacked volume named as their container.

**System action**

EDGUTIL processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6812E****CONTAINER VOLUME *volser* IS NOT A STACKED VOLUME****Explanation**

You are running the DFSMSrmm EDGUTIL utility with the VERIFY parameter for volume information. DFSMSrmm found volumes with a container name that matches the *volser* in the message. DFSMSrmm expects all containers to be defined to DFSMSrmm as TYPE(STACKED).

In the message text:

**volser**

This is the volume serial number of the stacked volume.

**System action**

EDGUTIL processing continues. For EDGUTIL VERIFY processing, DFSMSrmm sets a minimum return code of 4. For EDGUTIL MEND processing, DFSMSrmm changes the volume type to STACKED and corrects the count of volumes.

**Operator response**

None.

**System programmer response**

To correct the volume type, you can use the RMM CHANGEVOLUME *volser* TYPE(STACKED) subcommand to correct the volume TYPE or run the EDGUTIL utility with the MEND parameter.

**Source**

DFSMSrmm

## Module

EDGUTIL

---

**EDG6813E**

**STACKED VOLUME *volser* IS MISSING. THE STACKED VOLUME COUNT IS *correct\_count***

## Explanation

You are running the DFSMSrmm EDGUTIL VERIFY function for volume information. DFSMSrmm did not find any stacked volume record for existing volumes defined as contained on the stacked volume.

In the message text:

### ***volser***

This is the volume serial number of the stacked volume.

### ***correct\_count***

The count of the volumes with this stacked volume named as their container.

## System action

EDGUTIL processing continues. For EDGUTIL VERIFY processing, DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Add the stacked volume to DFSMSrmm using the RMM ADDVOLUME *volser* TYPE(STACKED) or run the EDGUTIL utility with the MEND parameter to correct the volume type.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6814I**

**STACKED VOLUME *volser* IS ADDED. THE STACKED VOLUME COUNT IS *correct\_count***

## Explanation

You are running the DFSMSrmm EDGUTIL MEND function for volume information. DFSMSrmm did not find any stacked volume record for existing volumes defined as contained on the stacked volume. DFSMSrmm adds the stacked volume to the control data set using information from the contained volumes.

In the message text:

### ***volser***

Is the volume serial number of the stacked volume.

### ***correct\_count***

The count of the volumes with this stacked volume named as their container.

## System action

EDGUTIL processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6816E**

**STACKED VOLUME *volser* IS NOT IN MASTER STATUS**

## Explanation

You are running the DFSMSrmm EDGUTIL VERIFY function for volume information. DFSMSrmm found a stacked volume with a status other than MASTER. Stacked volumes can only be in MASTER status.

In the message text:

### ***volser***

This is the volume serial number of the stacked volume.

## System action

EDGUTIL processing continues. For EDGUTIL VERIFY processing, DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

Change the volume status to MASTER using the RMM CHANGEVOLUME *volser* STATUS(MASTER) subcommand or run the EDGUTIL utility with the MEND parameter to update the volume status.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6817I**

**STACKED VOLUME *volser* CHANGED TO MASTER STATUS**

## Explanation

You are running the DFSMSrmm EDGUTIL utility with the MEND parameter for volume information. DFSMSrmm found a stacked volume with a status other than MASTER. Stacked volumes can only be in MASTER status. DFSMSrmm sets the status to the correct value.

In the message text:

### ***volser***

This is the volume serial number of the stacked volume.

### System action

EDGUTIL processing continues.

### Operator response

None.

### System programmer response

None.

### Source

DFSMSrmm

### Module

EDGUTIL

---

**EDG6818E**

**STACKED VOLUME *volser* HAS INITIALIZE ACTION SET**

### Explanation

You are running the DFSMSrmm EDGUTIL utility with the VERIFY parameter for volume information. DFSMSrmm found a stacked volume with an initialize action set. Stacked volumes cannot have the initialize action outstanding.

In the message text:

#### ***volser***

This is the volume serial number of the stacked volume.

### System action

EDGUTIL processing continues. For EDGUTIL VERIFY processing, DFSMSrmm sets a minimum return code of 4.

### Operator response

None.

### System programmer response

Clear the volume initialize action using the RMM CHANGEVOLUME *volser* INITIALIZE(NO) subcommand or run the EDGUTIL utility with the MEND parameter.

### Source

DFSMSrmm

### Module

EDGUTIL

---

**EDG6819I**

**STACKED VOLUME *volser* INITIALIZE ACTION CLEARED**

## Explanation

You are running the DFSMSrmm EDGUTIL utility with the MEND parameter for volume information. DFSMSrmm found a stacked volume with an initialize action set. Stacked volumes cannot have the initialize action outstanding. DFSMSrmm resets the initialize action.

In the message text:

### ***volser***

This is the volume serial number of the stacked volume.

## System action

EDGUTIL processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6820I**

**VOLUME *volser* MEDIA TYPE *media\_type* IS INCONSISTENT -  
CORRECTED FROM VOLUME CATALOG MEDIA TYPE *media\_type***

## Explanation

You are running the DFSMSrmm EDGUTIL utility with the MEND parameter for volume information. A system-managed volume has a media type inconsistent with the value in the tape configuration data base. DFSMSrmm corrects the volume media type.

In the message text:

### ***volser***

This is the volume serial number of the updated volume.

### ***media\_type***

This is the media type of the volume from either the DFSMSrmm control data set or the volume catalog. *media\_type* can be any hex value from X'00' to X'0F'.

## System action

EDGUTIL processing continues.

## Operator response

None.

## System programmer response

None.



## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6821I**

**VOLUME *volser* MEDIA TYPE *media\_type* IS INCONSISTENT -  
CORRECTED FROM LIBRARY MANAGER MEDIA TYPE *media\_type***

## Explanation

You are running the DFSMSrmm EDGUTIL utility with the MEND parameter for volume information. A system-managed volume has a media type inconsistent with the value in the Library Manager database. DFSMSrmm corrects volume media type.

In the message text:

### ***volser***

This is the volume serial number of the updated volume.

### ***media\_type***

This is the media type of the volume from either the DFSMSrmm control data set or the Library Manager database. *media\_type* can be any hex value from X'00' to X'0F'.

## System action

EDGUTIL processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6822I**

**VOLUME *volser* MEDIA TYPE *media\_type* IS INCONSISTENT - VOLUME  
CATALOG MEDIA TYPE *media\_type* LIBRARY MANAGER MEDIA TYPE  
*media\_type***

## Explanation

You are running the DFSMSrmm EDGUTIL utility for volume information. A system-managed volume has a media type inconsistent with the value in the volume catalog or the Library Manager database.

In the message text:

### ***volser***

This is the volume serial number of the updated volume.

### ***media\_type***

This is the media type of the volume from either the DFSMSrmm control data set, the volume catalog, or the Library Manager database. *media\_type* can be any hex value from x'00' to x'0F'. DFSMSrmm returns a value of N/A to indicate that the volume is not known to the catalog or the Library Manager database.

### **System action**

EDGUTIL processing continues. DFSMSrmm sets a minimum return code of 4.

### **Operator response**

None.

### **System programmer response**

If the volume catalog and Library Manager database values are both known, but are different, you must correct the volume catalog media type using access method services commands. Use DFSMSrmm TSO subcommands or run the DFSMSrmm EDGUTIL utility with MEND to correct the error.

### **Source**

DFSMSrmm

### **Module**

EDGUTIL

---

**EDG6823I** **VOLUME *volser* STATUS *volume\_status* IS INCONSISTENT - VOLUME CATALOG STATUS *tcd\_b\_status* LIBRARY MANAGER STATUS *lm\_status***

### **Explanation**

You are running the DFSMSrmm EDGUTIL utility to verify volume information. A system-managed volume has a status which is inconsistent with the value in the volume catalog or Library Manager database.

In the message text:

#### ***volser***

This is the volume serial number of the volume.

#### ***volume\_status***

This is the status of the volume from the DFSMSrmm control data set and can be one of the following values:

- MASTER
- USER
- SCRATCH

#### ***tcd\_b\_status***

This is the status of the volume from the volume catalog. It can be PRIVATE or SCRATCH. The DFSMSrmm status values MASTER and USER are equivalent to the volume catalog status PRIVATE.

#### ***lm\_status***

This is the status of the volume from the Library Manager database. It can be one of the following values:

- PRIVATE
- SCRATCH
- N/A

The DFSMSrmm status values MASTER and USER are equivalent to the Library Manager status PRIVATE. N/A indicates that the volume was not known to the Library Manager database.

## System action

EDGUTIL processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

If the DFSMSrmm status is correct, either run the DFSMSrmm EDGUTIL utility with the MEND(SMSTAPE) parameter, or use the EDGSPLCS output file with the EDGSPLCS utility to correct the volume catalog and the Library Manager database.

If the volume status is not correct, use the DFSMSrmm subcommands to correct the DFSMSrmm volume status.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6824I** **VOLUME *volser* IS IN VOLUME CATALOG ERROR STATUS *status\_number*  
*status\_text***

## Explanation

You are running the DFSMSrmm EDGUTIL utility to verify volume information. A system-managed volume has been found to be in error status in the volume catalog.

In the message text:

### ***volser***

This is the volume serial number of the volume.

### ***status\_number***

This is the status code from the volume catalog. *status\_number* is a decimal number obtained from the volume catalog.

### ***status\_text***

This is the explanation text for the error status code from the volume catalog.

## System action

EDGUTIL processing continues. DFSMSrmm sets a minimum return code of 4 upon completion of EDGUTIL VERIFY or EDGUTIL MEND processing. For EDGUTIL MEND(SMSTAPE) processing, when the catalog status error is one of the following:

- 1
- 3-5
- 101
- 107-111

DFSMSrmm attempts to remove the volume from the error status and sets a minimum return code of 0.

## Operator response

None.

## System programmer response

If the error status is one of those listed, you can take any of the following options to remove the volume from the error status:

- Use ISMF
- Run EDGUTIL with MEND(SMSTAPE) parameter
- Use the EDGSPLCS output file with the EDGSPLCS utility

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6825I** **VOLUME *volser* STORAGE GROUP *storage\_group* IS INCONSISTENT WITH VOLUME CATALOG STORAGE GROUP *tcsb\_sg***

## Explanation

You are running the DFSMSrmm EDGUTIL utility to verify volume information. A system-managed volume has a different storage group name than defined in the volume catalog. The DFSMSrmm storage group name is valid for the current library.

In the message text:

### ***volser***

This is the volume serial number of the volume.

### ***storage\_group***

This is the storage group name from the DFSMSrmm control data set.

### ***tcsb\_sg***

This is the storage group name defined in the volume catalog.

## System action

EDGUTIL processing continues. For EDGUTIL VERIFY or EDGUTIL MEND processing, DFSMSrmm sets a minimum return code of 4. For EDGUTIL MEND(SMSTAPE) processing, DFSMSrmm updates the storage group name in the volume catalog and sets a minimum return code of 0.

## Operator response

None.

## System programmer response

You can use DFSMSrmm subcommands to correct the DFSMSrmm storage group. Alternatively, you can either run EDGUTIL with the MEND(SMSTAPE) parameter, or use the EDGSPLCS output file with the EDGSPLCS utility to update the storage group name in the volume catalog.

## Source

DFSMSrmm

## Module

EDGUTIL

---

EDG6826I

VOLUME *volser* STORAGE GROUP *storage\_group* IS INCONSISTENT -  
CORRECTED FROM VOLUME CATALOG STORAGE GROUP *tcsb\_sg*

### Explanation

You are running the DFSMSrmm EDGUTIL utility to correct volume information. A system-managed volume has a different storage group name than defined in the volume catalog. The DFSMSrmm storage group name is either null or set to a value not valid for the current library.

In the message text:

***volser***

This is the volume serial number of the volume.

***storage\_group***

This is the storage group name from the DFSMSrmm control data set.

***tcsb\_sg***

This is the storage group name defined in the volume catalog.

### System action

EDGUTIL processing continues. The storage group name in the DFSMSrmm control data set is corrected using the value from the volume catalog.

### Operator response

None.

### System programmer response

None.

### Source

DFSMSrmm

### Module

EDGUTIL

---

EDG6827I

VOLUME *volser* STORAGE GROUP *storage\_group* IS INCONSISTENT  
WITH VOLUME CATALOG STORAGE GROUP *tcsb\_sg*

### Explanation

You are running EDGUTIL and verifying volume information. A system-managed volume has a different storage group name than defined in the volume catalog. The DFSMSrmm storage group name is null or not valid for the current library.

In the message text:

***volser***

This is the volume serial number of the volume.

***storage\_group***

This is the storage group name from the DFSMSrmm control data set.

***tcsb\_sg***

This is the storage group name defined in the volume catalog.

## System action

EDGUTIL processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

You can correct the DFSMSrmm storage group using DFSMSrmm subcommands or run the DFSMSrmm EDGUTIL utility with the MEND parameter to use the volume catalog storage group to update the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6828I** **VOLUME *volser* MISSING FROM LIBRARY MANAGER DATA BASE - LIBRARY *library\_name***

## Explanation

You are running the DFSMSrmm EDGUTIL utility to verify SMS information for volumes. The volume catalog shows the volume to be library resident, but the Library Manager database has no entry for the volume.

In the message text:

### ***volser***

This is the volume serial number of the volume.

### ***library\_name***

This is the name of the library which does not have information for the subject volume.

## System action

EDGUTIL processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## System programmer response

You should audit the library contents to correct this inconsistency between the volume catalog and the Library Manager database.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6829I** **VOLUME *volser* LIBRARY NAME *library* AND VOLUME CATALOG LIBRARY *tcd\_b\_library* INCONSISTENT - VOLUME SET INTRANSIT**

## Explanation

You are running the DFSMSrmm EDGUTIL utility to MEND information for volumes. DFSMSrmm checked the volume catalog. The volume is either shelf-resident or the volume is not recorded in the volume catalog. DFSMSrmm found that the volume is not marked intransit.

In the message text:

### ***volser***

This is the volume serial number of the volume.

### ***library***

This is the location name known to DFSMSrmm.

### ***tcdb\_library***

This is the location name known to the volume catalog. If the volume is not defined in the volume catalog the library name is displayed as 'N/A'.

## System action

EDGUTIL processing continues. DFSMSrmm marks the volume intransit.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6830I** **VOLUME *volser* LIBRARY NAME *library* AND VOLUME CATALOG LIBRARY *tcdb\_library* INCONSISTENT - VOLUME LIBRARY NAME CORRECTED**

## Explanation

You are running the DFSMSrmm EDGUTIL utility to MEND information for volumes. The volume has an entry in the volume catalog showing the volume to be in one library. DFSMSrmm knows the volume to be in a different library.

DFSMSrmm corrects the volume information by recording the correct library name from the volume catalog.

In the message text:

### ***volser***

This is the volume serial number of the volume.

### ***library***

This is the location name known to DFSMSrmm.

### ***tcdb\_library***

This is the location name known to the volume catalog.

## System action

EDGUTIL processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6831I** ENTRY FOUND IN VOLUME CATALOG FOR STACKED VOLUME *volser*

## Explanation

You are running the DFSMSrmm EDGUTIL utility to verify information for volumes. The volume has an entry in the volume catalog and the volume is defined to DFSMSrmm as a stacked volume. Stacked volumes are for use in a VTS and cannot be defined in the volume catalog.

In the message text:

### *volser*

This is the volume serial number of the volume.

## System action

EDGUTIL processing continues.

## Operator response

None.

## System programmer response

If the volume is correctly defined to DFSMSrmm, remove the volume from the volume catalog using access method services commands.

If the volume type is not correct, correct the volume type defined to DFSMSrmm.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6832I** VOLUME CATALOG UPDATED USING CHANGE USE ATTRIBUTE  
REQUEST FOR VOLUME *volser*

## Explanation

You are running the DFSMSrmm EDGUTIL utility to MEND SMS information for volumes. DFSMSrmm found inconsistencies between the DFSMSrmm information for the volume and the volume catalog and Library Manager database. This message indicates that any inconsistency in the volumes status, error status, and storage group has been corrected.



In the message text:

***volser***

This is the volume serial number of the updated volume.

**System action**

EDGUTIL processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6833E**

**VOLUME CATALOG UPDATE FOR VOLUME *volser* FAILED RETURN CODE  
*return\_code* REASON CODE *reason\_code***

**Explanation**

You are running the DFSMSrmm EDGUTIL utility to MEND SMS information for volumes. DFSMSrmm found inconsistencies between the DFSMSrmm information for the volume and the volume catalog information and Library Manager database. The request to update the volume catalog has failed.

In the message text:

***volser***

This is the volume serial number of the updated volume.

***return\_code***

This is the return code from the CBRXLCS CUA request.

***reason\_code***

This is the reason code from the CBRXLCS CUA request.

**System action**

EDGUTIL processing continues. DFSMSrmm sets a minimum return code of 4.

**Operator response**

None.

**System programmer response**

Refer to the *z/OS DFSMS OAM Planning, Installation, and Storage Administration Guide for Tape Libraries* for an explanation of the return and reason codes included in this message.

**Source**

DFSMSrmm

## Module

EDGUTIL

---

**EDG6834I**

**VOLUME CATALOG ENTRY FOR VOLUME *volser* IS NOT DEFINED TO DFSMSrmm**

## Explanation

You are running the DFSMSrmm EDGUTIL utility to verify SMS information for volumes. The volume has an entry in the volume catalog but the volume is not defined in the DFSMSrmm control data set.

Volumes do not have to be defined to DFSMSrmm but under normal conditions volumes are defined to both the volume catalog and the DFSMSrmm control data set.

In the message text:

### ***volser***

The volume serial number of the volume where the error was found.

## System action

EDGUTIL processing continues. DFSMSrmm sets a minimum return code of 0.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6835I**

**VOLUME *volser* IN CONTAINER *stacked\_volser* NOT YET CONVERTED**

## Explanation

You are running the DFSMSrmm EDGUTIL utility and have enabled stacked volume support. The volume displayed in the message text is recorded as being in a container volume, but the stacked volume container information is not defined.

Each volume in a container must be converted before stacked volume support is fully enabled.

In the message text:

### ***volser***

Volume serial number of the volume in a container.

### ***stacked\_volser***

Volume serial number of the stacked volume container.

## System action

EDGUTIL processing continues. DFSMSrmm sets a minimum return code of 4.

## Operator response

None.

## Programmer response

You must run EDGUTIL with the MEND parameter to complete the conversion of container information into stacked volume information.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6836I** **VOLUME *volser* IN CONTAINER *stacked\_volser* CONVERTED**

## Explanation

You are running EDGUTIL and have enabled stacked volume support. The volume displayed in the message text has been converted to relate to the stacked volume container.

Each volume in a container must be converted before stacked volume support is fully enabled.

In the message text:

### ***volser***

This is the volume serial number of the volume in a container.

### ***stacked\_volser***

This is the volume serial number of the stacked volume container.

## System action

EDGUTIL processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6837I** **UNABLE TO ACCESS LIBRARY MANAGER DATABASE - LIBRARY *library***

## Explanation

The EDGUTIL VERIFY (SMSTAPE) or the EDGUTIL MEND functions were unable to retrieve library manager information for a system-managed volume. DFSMSrmm issues this message once for each library that cannot be accessed or is offline.

In the message text:

**library**

The name of the library that could not be accessed. If the volume is defined in the volume catalog, the library name is from the tape volume entry; otherwise, the library name is the DFSMSrmm location name.

**System action**

The EDGUTIL SMSTAPE VERIFY or EDGUTIL MEND processing continues without checking the Library Manager database.

DFSMSrmm sets a minimum return code of 4.

**Operator response**

Verify that the library is online and rerun the job. If DFSMSrmm continues to issue the message, inform your storage administrator.

**System programmer response**

To determine the correct location for the volume, use the RMM SEARCHVOLUME VOLUME(\*) OWNER(\*) LOCATION(library) LIMIT(\*). Also use the ISMF tape volume application to check for volumes in this library.

To correct the location name in the DFSMSrmm control data set, use the RMM CHANGEVOLUME volser LOCATION(location) FORCE CONFIRMMOVE.

To correct information in the TCDB, use IDCAMS ALTER VOLENT to correct the entry.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6838I** **VOLUME *volser* ADDED TO TCDB FOR LIBRARY *mtl\_name* MEDIA TYPE *media\_type***

**Explanation**

DFSMSrmm issues this message for information only. You are running EDGUTIL to correct discrepancies between the TCDB and the DFSMSrmm control data set. The volume returned in the message is recorded as resident in a system-managed tape library, but the volume is not defined in the TCDB.

In the message text:

***volser***

The volume serial number missing from the TCDB.

***mtl\_name***

The manual tape library name for this volume.

***media\_type***

The media type of the volume in the DFSMSrmm control data set. The media type can be any hex value from X'00' to X'0F'.

**System action**

EDGUTIL processing continues.

**Operator response**

None



## Explanation

The DFSMSrmm EDGUTIL utility attempted to allocate or deallocate its VCINOUT work file. VCINOUT is used during sort to contain records that are selected from the volume catalog. This VCINOUT file size is determined using the size of the control data set.

In the message text:

### **return\_code**

The DYNALLOC error return code in decimal.

### **function\_code**

This is one of:

- 01-dynamic allocation failed
- 02-dynamic deallocation failed

### **error\_code**

The error code expressed in hexadecimal.

### **info\_code**

The information code expressed in hexadecimal.

### **sms\_code**

The SMS reason code is optional and expressed in hexadecimal. It appears in the message only when the error code is 97xx.

For an explanation of these codes, refer to [\*z/OS MVS Programming: Authorized Assembler Services Guide\*](#).

## System action

The utility ends. DFSMSrmm sets return code 12.

## Operator response

Inform the system programmer.

## System programmer response

Use the dynamic allocation error and information codes to determine the reason for the failure, and correct the problem, if possible. Use the SMS reason code to identify the additional SMS messages that describe the error. Check the LOGREC for additional SMS messages that describe the error. DFSMSrmm dynamically allocates the VCINOUT file, if one is not already allocated. If you add DDNAME VCINOUT to JCL for EDGUTIL, DFSMSrmm uses it; dynamic allocation and deallocation are skipped. If the problem cannot be identified, report the error to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGUTIL

## Explanation

The input file open macro allocated to DDNAME *ddname* encountered an error.

In the message text:

***ddname***

The DD name of the file that could not be opened. The *ddname* can be one of VCINOUT, SYSPRINT, or EDGSPLCS.

**System action**

The utility ends. DFSMSrmm sets return code 12.

**Operator response**

None.

**System programmer response**

Analyze the MVS error messages that are associated with the problem. Correct the problem and resubmit the EDGUTIL job.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6842E**

**VOLUME *volume* HAS INVALID *altype* ANSI LABEL VERSION *alversion***

**Explanation**

The EDGUTIL VERIFY function detected an invalid *altype* ISO/ANSI label version for the specified *volume*.

In the message text:

***volume***

The volume serial number of the volume in error.

***altype***

One of CURRENT or REQUIRED.

***alversion***

The ISO/ANSI label version contained in the invalid volume record.

**System action**

Processing continues. A minimum return code of 4 is set.

**Operator response**

None.

**System programmer response**

Run EDGUTIL requesting MEND to correct this problem.

**Source**

DFSMSrmm

## Module

EDGUTIL

---

**EDG6843I**

**VOLUME *volume* HAS INVALID *altype* ANSI LABEL VERSION *alversion* -  
RESET**

## Explanation

The EDGUTIL MEND function detected an invalid *altype* ISO/ANSI label version for the specified *volume* and reset the label version to 0.

In the message text:

### ***volume***

The volume serial number of the volume in error.

### ***altype***

One of CURRENT or REQUIRED.

### ***alversion***

The ISO/ANSI label version contained in the invalid volume record.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6844I**

**VOLUME *volser* STATUS INTRANSIT IS RESIDENT IN LIBRARY *library* -  
INTRANSIT IS RESET**

## Explanation

DFSMSrmm issues this message for information only. The DFSMSrmm EDGUTIL MEND function corrected volume information in the DFSMSrmm control data set to match the information found in the tape configuration database.

In the message text:

### ***volser***

The volume defined in the DFSMSrmm control data set.

### ***library***

The system managed library containing the volume.

## System action

DFSMSrmm updates DFSMSrmm control data set with volume information.







## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6848E** **FILTER PROCESSING FAILED RETURN CODE *return\_code* -  
PROCESSING ENDED**

## Explanation

You are running the DFSMSrmm EDGUTIL utility. DFSMSrmm attempted to parse the SYSIN file contents, but encountered an error.

In the message text:

### ***return\_code***

The return code from DFSMSrmm filter processing support.

## System action

DFSMSrmm utility ends.

## Operator response

None.

## System programmer response

Check the return code displayed in the message. If there is an error in the SYSIN file, correct the SYSIN file statements. For all return codes other than 4, search problem reporting databases for a fix for the problem. If no fix exists, contact the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6849E** **ONLY ONE SYSIN *sysin\_cmd* COMMAND IS SUPPORTED**

## Explanation

You are running the DFSMSrmm EDGUTIL or EDGHSKP utility. DFSMSrmm found multiple commands in SYSIN where only a single command is supported.

In the message text:

**sysin\_cmd**

This can be one of the following values: EXPROC, INCLUDE, or EXCLUDE.

**System action**

DFSMSrmm utility ends.

**Operator response**

None.

**System programmer response**

Correct the SYSIN file statements so that only the supported commands are specified. For EDGUTIL, specify up to one INCLUDE and one EXCLUDE command.

**Source**

DFSMSrmm

**Module**

EDGUTIL, EDGHSKP

---

**EDG6850E AT LEAST ONE OPERAND REQUIRED FOR *sysin\_cmd* COMMAND****Explanation**

You are running the DFSMSrmm EDGUTIL utility. DFSMSrmm did not find an operand for the command in SYSIN where at least one of the following operands is required: LOCATIONS, VOLUMES, or VOLUMERANGES.

In the message text:

**sysin\_cmd**

This can be one of the following values: INCLUDE, or EXCLUDE.

**System action**

DFSMSrmm utility ends.

**Operator response**

None.

**System programmer response**

Correct the SYSIN file statements.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6851E VOLUME RECORD *volser* HAS EXPIRATION DATE *value* WHICH IS DIFFERENT FROM OTHER PARTS OF THE VOLUME SET.**

## Explanation

The EDGUTIL VERIFY function detected an incorrect volume expiration date. The volume is a part of a volume set and the first volume record of the set has the EXPDT retention method with RETAINBY(SET). The expiration date of the specified volume differs from other volume expiration dates in the volume set.

In the message text:

***volser***

The volume serial number of the volume in error.

***value***

The expiration date in error.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

## Problem determination

See System Programmer Response.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6852I**

**VOLUME RECORD *volser* HAS EXPIRATION DATE *value1*. IT IS CORRECTED TO *value2* USING MAXIMUM OF ALL VOLUME SET PARTS.**

## Explanation

The utility EDGUTIL is mending the contents of the volume record information in the DFSMSrmm control data set. The utility found an incorrect volume expiration date which differs from other volume expiration dates in the volume set. The volume is a part of a volume set and the first volume record of the set has the EXPDT retention method with RETAINBY(SET). It is corrected during MEND operation to the maximum expiration date of the volume set.

In the message text:

***volser***

The volume serial number of the volume in error.

***value***

The expiration date in error.

***value2***

The correct expiration date.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Problem determination

None.

## Source

DFSMSrmm

## Module

EDGUTIL

**EDG6853E**

**DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS EXPIRATION DATE *value* WHICH IS DIFFERENT FROM OTHER PARTS OF THE DATA SET.**

## Explanation

The EDGUTIL VERIFY function detected an incorrect data set expiration date for the data set that is a part of a multivolume data set residing on volumes managed by EXPDT retention method with RETAINBY(SET) or RETAINBY(VOLUME), With the EXPDT retention method, if RETAINBY is not FIRSTFILE, the expiration date of all parts of a multivolume data set must be the same.

In the message text:

### ***data\_set\_name***

The multivolume data set name.

### ***volser***

The volume serial number for the volume with the data set record in error.

### ***value***

The data set expiration date in error.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

## Problem determination

See System Programmer Response.

## Source

DFSMSrmm

## Module

EDGUTIL

**EDG6854I**

**DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS EXPIRATION DATE *value1*. IT IS CORRECTED TO *value2* USING MAXIMUM OF ALL DATA SET PARTS.**

### Explanation

The utility EDGUTIL is mending the contents of the data set record information in DFSMSrmm control data set. The utility found an incorrect data set expiration date for the data set that is a part of a multivolume data set residing on volumes managed by EXPDT retention method with RETAINBY(SET) or RETAINBY(VOLUME) and corrected it. With the EXPDT retention method, if RETAINBY is not FIRSTFILE, the Expiration Date of all parts of a multivolume data set must be the same.

In the message text:

***data\_set\_name***

The multivolume data set name.

***volser***

The volume serial number for the volume with the data set record in error.

***value1***

The data set expiration date in error.

***value2***

The correct maximum expiration date of all data set parts.

### System action

Processing continues.

### Operator response

None.

### System programmer response

None.

### Problem determination

None.

### Source

DFSMSrmm

## Module

EDGUTIL

**EDG6855E**

**DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS LAST REFERENCE EXTRA DAYS *value* WHICH IS DIFFERENT FROM OTHER PARTS OF THE DATA SET.**

### Explanation

The EDGUTIL VERIFY function detected an incorrect data set last reference extra days value for the data set that is a part of a multivolume data set residing on volumes managed by EXPDT retention method with

RETAINBY(SET) or RETAINBY(VOLUME). With the EXPDT retention method, if RETAINBY is not FIRSTFILE, the LAST REFERENCE EXTRA DAYS value of all parts of a multivolume data set must be the same.

In the message text:

***data\_set\_name***

The multivolume data set name.

***volser***

The volume serial number for the volume with the data set record in error.

***value***

The last reference extra days in error.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

**Problem determination**

See System Programmer Response.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6856I DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS LAST REFERENCE EXTRA DAYS *value1*. IT IS CORRECTED TO *value2* USING MAXIMUM OF ALL DATA SET PARTS.**

**Explanation**

The utility EDGUTIL is mending the contents of the data set record information in DFSMSrmm control data set. The utility found an incorrect last reference extra days value for the data set that is a part of a multivolume data set residing on volumes managed by EXPDT retention method with RETAINBY(SET) or RETAINBY(VOLUME) and corrected it. With the EXPDT retention method, if RETAINBY is not FIRSTFILE, the LAST REFERENCE EXTRA DAYS value of all parts of a multivolume data set must be the same.

In the message text:

***data\_set\_name***

The multivolume data set name.

***volser***

The volume serial number for the volume with the data set record in error.

***value1***

The correct last reference extra days

***value2***

The correct maximum last reference extra days of all data set parts.





**Source**

DFSMSrmm

**Module**

EDGUTIL

**EDG6858I**

**DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS  
WHILECATALOG SET TO *value1*. IT IS CORRECTED TO VALUE *value2*  
USING MAXIMUM OF ALL DATA SET PARTS.**

**Explanation**

The utility EDGUTIL is mending the contents of the data set record information in DFSMSrmm control data set. The utility found an incorrect WHILECATALOG value for the data set that is a part of a multivolume data set residing on volumes managed by EXPDT retention method with RETAINBY(SET) or RETAINBY(VOLUME) and corrected it. If RETAINBY is not FIRSTFILE, the WHILECATALOG setting of all parts of a multivolume data set must be the same. To calculate the maximum value of all data set parts, it is considered that WHILECATALOG(ON) retains data longer than WHILECATALOG(OFF), which retains data longer than WHILECATALOG(UNTILEXPIRED).

In the message text:

***data\_set\_name***

The multivolume data set name.

***volser***

The volume serial number for the volume with the data set record in error.

***value1***

The incorrect WHILECATALOG value.

***value2***

The correct WHILECATALOG value.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Problem determination**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

EDG6859E

**DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS NON-ZERO  
LAST REFERENCE EXTRA DAYS NOT COMPATIBLE WITH VRSEL  
RETENTION METHOD.**

### Explanation

The EDGUTIL VERIFY function detected non-zero last reference extra days value for a data set on a volume managed by the VRSEL retention method.

In the message text:

***data\_set\_name***

The data set name of the data set in error.

***volser***

The volume serial number for the volume with the data set record in error.

### System action

Processing continues.

### Operator response

None.

### System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

### Problem determination

See System Programmer Response.

### Source

DFSMSrmm

### Module

EDGUTIL

EDG6860I

**LAST REFERENCE EXTRA DAYS FOR DATA SET *data\_set\_name* ON  
VOLUME *volser* IS CORRECTED TO ZERO.**

### Explanation

The utility EDGUTIL is mending the contents of the data set record information in DFSMSrmm control data set. The utility found a non-zero last reference extra days value for a data set residing on a volume managed by VRSEL retention method and corrected it.

In the message text:

***data\_set\_name***

The data set name of the data set in error.

***volser***

The volume serial number for the volume with the data set record in error.

### System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Problem determination

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6861E** DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS WHILECATALOG *value* INCOMPATIBLE WITH VRSEL RETENTION METHOD.

## Explanation

The EDGUTIL VERIFY function detected that for a cataloged data set the WHILECATALOG attribute is set to ON or UNTILEXPIRED, while the data set resides on a volume managed by the VRSEL retention method.

In the message text:

### ***data\_set\_name***

The data set name of the data set in error.

### ***volser***

The volume serial number for the volume with the data set record in error.

### ***value***

The whilecatalog in error.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

## Problem determination

See System Programmer Response.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6862I**

**WHILECATALOG FOR DATA SET *data\_set\_name* ON VOLUME *volser*  
CORRECTED TO OFF.**

### Explanation

The utility EDGUTIL is mending the contents of the data set record information in DFSMSrmm control data set. The utility found that for a cataloged data set the WHILECATALOG attribute is set to ON or UNTILEXPIRED, while the data set resides on a volume managed by the VRSEL retention method. The WHILECATALOG value is corrected.

In the message text:

***data\_set\_name***

The data set name of the data set in error.

***volser***

The volume serial number for the volume with the data set record in error.

### System action

Processing continues.

### Operator response

None.

### System programmer response

None.

### Problem determination

None.

### Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6863E**

**DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS  
VRSELEXCLUDE SETTING NOT COMPATIBLE WITH EXPDT RETENTION  
METHOD.**

### Explanation

The EDGUTIL VERIFY function detected that the VRSELEXCLUDE attribute is set to NO while the data set resides on a volume managed by the EXPDT retention method.

In the message text:

***data\_set\_name***

The data set name of the data set in error.

***volser***

The volume serial number for the volume with the data set record in error.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

## Problem determination

See System Programmer Response.

## Source

DFSMSrmm

## Module

EDGUTIL

---

### EDG6864I

**VRSELEXCLUDE FOR DATA SET *data\_set\_name* ON VOLUME *volser*  
CORRECTED TO YES.**

## Explanation

The utility EDGUTIL is mending the contents of the data set record information in DFSMSrmm control data set. The utility found that for a data set residing on a volume managed by the EXPDT retention method the VRSELEXCLUDE attribute is set to NO. The VRSELEXCLUDE value is corrected.

In the message text:

### ***data\_set\_name***

The data set name of the data set in error.

### ***volser***

The volume serial number for the volume with the data set record in error.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Problem determination

None.

## Source

DFSMSrmm

## Module

EDGUTIL

**EDG6865E**

**DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS EXPIRATION DATE *value1* LESS THAN CALCULATED DATE *value2*.**

### Explanation

The EDGUTIL VERIFY function detected that the data set expiration date that is set not by CMD is incorrect. When the data set resides on EXPDT retained volume, its expiration date should be high or equal to the value calculated using the rule (max(last read date, last write date) + last reference days). The exception to this rule is when the data set record expiration date was set manually using the CHANGEDATASET or ADDDATASET DFSMSrmm subcommands.

In the message text:

#### ***data\_set\_name***

The data set name of the data set in error.

#### ***volser***

The volume serial number for the volume with the data set record in error.

#### ***value1***

The data set expiration date in error.

#### ***value***

The correct data set expiration date.

### System action

Processing continues.

### Operator response

None.

### System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

### Problem determination

See System Programmer Response.

### Source

DFSMSrmm

## Module

EDGUTIL

**EDG6866I**

**DATA SET RECORD *data\_set\_name* ON VOLUME *volser* HAS EXPIRATION DATE *value1*. IT IS CORRECTED TO CALCULATED DATE *value2*.**

### Explanation

The utility EDGUTIL is mending the contents of the data set record information in DFSMSrmm control data set. The utility found that the data set expiration date that is set not by CMD is incorrect. When the data set resides on EXPDT retained volume, its expiration date should be higher or equal to the value calculated using the rule

(max(last read date, last write date) + last reference days). The expiration date and time were corrected. Also, the data set expiration date set by indicator was set to LASTREF.

In the message text:

***data\_set\_name***

The data set name of the data set in error.

***volser***

The volume serial number for the volume with the data set record in error.

***value1***

The data set expiration date in error.

***value***

The correct data set expiration date.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Problem determination**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6867E**

**DATA SETS KEPT BY CATALOG VALUE *value1* FOR VOLUME *volser* IS INCORRECT, CORRECT VALUE IS *value2*.**

**Explanation**

The EDGUTIL VERIFY function detected that the data sets kept by catalog value is incorrect for the volume. The value denotes the number of data sets on the volume or volume set that have a catalog status of YES and WHILECATALOG set to ON.

In the message text:

***volser***

The volume serial number of the volume with erroneous data sets kept by catalog value.

***value1***

The erroneous data sets kept by catalog value.

***value2***

The correct data sets kept by catalog value.

**System action**

Processing continues.



## Operator response

None.

## System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

## Problem determination

See System Programmer Response.

## Source

DFSMSrmm

## Module

EDGUTIL

---

### EDG6868I

**DATA SETS KEPT BY CATALOG VALUE *value1* FOR VOLUME *volser* IS  
INCORRECT, CORRECTED TO *value2*.**

## Explanation

The utility EDGUTIL is mending the contents of the volume record information in DFSMSrmm control data set. The utility found that the data sets kept by catalog value is incorrect for the volume. The value denotes the number of data sets on the volume or volume set that have a catalog status of YES and WHILECATALOG set to ON. The data sets kept by catalog value corrected.

In the message text:

### ***volser***

The volume serial number of the volume with erroneous data sets kept by catalog value.

### ***value1***

The erroneous data sets kept by catalog value.

### ***value2***

The correct data sets kept by catalog value.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Problem determination

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6869E**

**DATA SETS RECORD *data\_set\_name* ON VOLUME *volser* HAS EXPIRATION TIME *value* WHICH IS DIFFERENT FROM OTHER PARTS OF THE DATA SET.**

### Explanation

The EDGUTIL VERIFY function detected an incorrect data set expiration time for the data set that is a part of a multivolume data set residing on volumes managed by EXPDT retention method with RETAINBY(SET) or RETAINBY(VOLUME). With the EXPDT retention method, if RETAINBY is not FIRSTFILE, the expiration date and time of all parts of a multivolume data set must be the same.

In the message text:

***data\_set\_name***

The multivolume data set name.

***volser***

The volume serial number for the volume with the data set record in error.

***value***

The data set expiration time in error.

### System action

Processing continues.

### Operator response

None.

### System programmer response

None.

### Problem determination

None.

### Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6870I**

**DATA SETS RECORD *data\_set\_name* ON VOLUME *volser* HAS EXPIRATION TIME *value1*. IT IS CORRECTED TO *value2* USING MAXIMUM OF ALL DATA SET PARTS.**

### Explanation

The utility EDGUTIL is mending the contents of the data set record information in DFSMSrmm control data set. The utility found an incorrect data set expiration time for the data set that is a part of a multivolume data set residing on volumes managed by EXPDT retention method with RETAINBY(SET) or RETAINBY(VOLUME) and corrected it. With the EXPDT retention method, if RETAINBY is not FIRSTFILE, the expiration date and time of all parts of a multivolume data set must be the same.

In the message text:

***data\_set\_name***

The multivolume data set name.

***volser***

The volume serial number for the volume with the data set record in error.

***value1***

The data set expiration time in error.

***value2***

The correct maximum expiration time of all data set parts.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Problem determination**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6871E**

**VOLUME RECORD *volser* HAS RETENTIONMETHOD *value* WHICH IS DIFFERENT FROM OTHER PARTS OF THE VOLUME SET.**

**Explanation**

The EDGUTIL VERIFY function detected an incorrect volume record retention method value that is not equal to the retention method value of the other volumes in multi-volume record set.

In the message text:

***volser***

The volume serial number of the volume in error.

***value***

The retention method value in error.

**System action**

Processing continues.

**Operator response**

None.

## System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

## Problem determination

See System Programmer Response.

## Source

DFSMSrmm

## Module

EDGUTIL

---

### EDG6872I

**VOLUME RECORD *volser* HAS RETENTIONMETHOD *value1*. IT IS CORRECTED TO RETENTIONMETHOD *value2* BASED ON RETENTION ATTRIBUTES OF ALL VOLUME SET PARTS.**

## Explanation

The utility EDGUTIL is mending the contents of the volume record information in DFSMSrmm control data set. The utility found that retention method value of the volume record in a volume set is not equal to the retention method value of the volume set and corrected it.

In the message text:

### ***volser***

The volume serial number of the volume in error.

### ***value1***

The retention method value in error.

### ***value2***

The max retention method value of the volumes in the volume set.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Problem determination

None.

## Source

DFSMSrmm

## Module

EDGUTIL

EDG6873E

**VOLUME RECORD *volser* HAS RETAINBY *value* WHICH IS DIFFERENT FROM OTHER PARTS OF THE VOLUME SET.**

### Explanation

EDGUTIL VERIFY function detected an incorrect volume record retain by value that is not equal to the retain by value of the volumes in the set.

In the message text:

***volser***

The volume serial number of the volume in error.

***value***

The retain by value in error.

### System action

Processing continues.

### Operator response

None.

### System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

### Problem determination

See System Programmer Response.

### Source

DFSMSrmm

### Module

EDGUTIL

EDG6874I

**VOLUME RECORD *volser* HAS RETAINBY *value1*. IT IS CORRECTED BASED ON RETAINBY ATTRIBUTES OF ALL VOLUME SET PARTS.**

### Explanation

The utility EDGUTIL is mending the contents of the volume record information in DFSMSrmm control data set. The utility found that retain by value of the volume record in a volume set is not equal to the retain by value of the volumes in the set and corrected it.

In the message text:

***volser***

The volume serial number of the volume in error.

***value1***

The retain by value in error.

***value2***

The correct retain by value for the volume.

## System action

Processing continues.

## Operator response

None.

## System programmer response

None.

## Problem determination

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6875E**

**VOLUME RECORD *volser* HAS EXPIRATION TIME *value* WHICH IS DIFFERENT FROM OTHER PARTS OF THE VOLUME SET.**

## Explanation

The EDGUTIL VERIFY function detected an incorrect volume expiration time. The volume is a part of a volume set and the first volume record of the set has the EXPDT retention method with RETAINBY(SET). The expiration time of the specified volume differs from other volume expiration times in the volume set.

In the message text:

### ***volser***

The volume serial number of the volume in error.

### ***value***

The expiration time in error.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

## Problem determination

See System Programmer Response.

## Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6876I**

**VOLUME RECORD *volser* HAS EXPIRATION TIME *value1*. IT IS CORRECTED TO *value2* USING MAXIMUM OF ALL VOLUE SET PARTS.**

### Explanation

The utility EDGUTIL is mending the contents of the volume record information in the DFSMSrmm control data set. The utility found an incorrect volume expiration time which differed from other volume expiration times in the volume set. The volume is a part of a volume set and the first volume record of the set has the EXPDT retention method with REAINBY(SET). It is corrected during MEND operation to the maximum expiration time of the volume set.

In the message text:

***volser***

The volume serial number of the volume in error.

***value1***

The expiration time in error.

***value2***

The correct expiration time.

### System action

Processing continues.

### Operator response

None.

### System programmer response

None.

### Problem determination

See System Programmer Response.

### Source

DFSMSrmm

## Module

EDGUTIL

---

**EDG6877E**

**VOLUME RECORD *volser* HAS EXPIRATION DATE *value*, WHICH IS EARLIER THAN THE EXPIRATION DATE OF ONE OF THE DATA SETS THAT RESIDE ON THIS VOLUME OR VOLUME SET.**

### Explanation

The EDGUTIL VERIFY function detected an incorrect volume expiration date. The volume has the expiration data that is earlier than the expiration date of one of the data sets that reside on this volume or volume set.

In the message text:

**volser**

The volume serial number of the volume in error.

**value**

The expiration date in error.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

Use the EDGUTIL MEND function, DFSMSrmm subcommands or DFSMSrmm ISPF dialog to correct the error.

**Problem determination**

See System Programmer Response.

**Source**

DFSMSrmm

**Module**

EDGUTIL

**EDG6878I**

**VOLUME RECORD *volser* HAS EXPIRATION DATE *value1*. IT IS CORRECTED TO *value2* USING THE HIGHEST EXPIRATION DATE OF ALL DATA SETS THAT RESIDE ON THIS VOLUME OR VOLUME SET.**

**Explanation**

The utility EDGUTIL is mending the contents of the volume record information in DFSMSrmm control data set. The utility found an incorrect volume expiration date which is earlier than the highest expiration date of the data sets that resides on this volume or volume set. It is corrected during MEND operation to the highest data set expiration date.

In the message text:

**volser**

The volume serial number of the volume in error.

**value1**

The expiration date in error.

**value2**

The correct expiration date.

**System action**

Processing continues.

**Operator response**

None.



## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGUTIL

---

### EDG6879E

**VOLUME RECORD *volser* HAS EXPIRATION TIME *value*, WHICH IS EARLIER THAN THE EXPIRATION TIME OF ONE OF DATA SETS THAT RESIDE ON THIS VOLUME OR VOLUME SET.**

## Explanation

The EDGUTIL VERIFY function detected an incorrect volume expiration time. The volume has the expiration time that is earlier than the expiration time offline the data sets that reside on this volume or volume set.

In the message text:

### *volser*

The volume serial number of the volume in error.

### *value*

The expiration time in error.

## System action

Processing continues.

## Operator response

None.

## System programmer response

Use the EDGUTIL Mend function, DFSMSrmm subcommand or DFSMSrmm ISPF dialog to correct the error.

## Source

DFSMSrmm

## Module

EDGUTIL

---

### EDG6880I

**VOLUME RECORD *volser* HAS EXPIRATION TIME *value1*. IT IS CORRECTED TO *value2* USING THE HIGHEST EXPIRATION TIME OF ALL DATA SETS THAT RESIDE ON THIS VOLUME OR VOLUME SET.**

## Explanation

The utility EDGUTIL is mending the contents of the volume record information in DFSMSrmm control data set. The utility found an incorrect volume expiration time which is earlier than the highest expiration time of the data sets that resides on this volume or volume set. It is corrected during MEND operation to the highest data set expiration date.

In the message text:

**volser**

The volume serial number of the volume in error.

**value1**

The expiration time in error.

**value2**

The correct expiration time.

**System action**

Processing continues.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGUTIL

---

**EDG6901I****UTILITY *utility\_name* COMPLETED WITH RETURN CODE *return\_code*****Explanation**

The DFSMSrmm utility completed with the highest return code that occurred during processing.

In the message text:

***utility\_name***

The name of the utility running

***return\_code***

Value returned indicating the results of processing

**System action**

The utility ends.

**Operator response**

None.

**System programmer response**

If the return code is not zero, refer to messages issued by DFSMSrmm to determine the cause of the error.

**Source**

DFSMSrmm

## Module

EDGBKUP, EDGUPDT

---

**EDG6902I**

**RECOVERY ACTIONS FOR UTILITY *utility\_name* COMPLETED SUCCESSFULLY**

### Explanation

*utility\_name* abnormally ended. The specified error recovery routine completed its recovery activities.

In the message text:

***utility\_name***

The name of the utility running.

### System action

The utility stops.

### Operator response

None

### System programmer response

Correct the error and resubmit the job.

### Source

DFSMSrmm

## Module

EDGBKUP, EDGUTIL

---

**EDG6903E**

**RECOVERY ACTIONS FOR UTILITY *utility\_name* ARE INCOMPLETE**

### Explanation

The error recovery routine for *utility\_name*, either EDGBKUP or EDGUTIL, was unable to unlock the DFSMSrmm control data set, and abnormally ends.

In the message text:

***utility\_name***

The name of the utility running

### System action

The utility stops.

### Operator response

None.

### System programmer response

The subsystem might need restarting to clear outstanding problems.

**Source**

DFSMSrmm

**Module**

EDGBKUP

---

**EDG7015I****RECORD COUNTS****Explanation**

This is the header for record counts printed in the MESSAGE file.

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGCVCTL

---

**EDG7016I**

-----

**Explanation**

This is the underscoring for header message EDG7015I.

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGCVCTL

---

**EDG7017I****NUMBER OF TLCS V1 REPORT EXTRACT FILE RECORDS READ = *number*****Explanation**

This is the number of records read from the data set defined by DDNAME OLDCONT.

In the message text:

***number***

Number of records read

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGCVCTL

---

**EDG7018I**

**NUMBER OF CONTROL DATA SET DATASET RECORDS WRITTEN =  
*number***

**Explanation**

This is the *number* of data set records written to the data set defined by DDNAME NEWTEMP.

In the message text:

***number***

Number of records written

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGCVCTL

---

**EDG7019I**

**NUMBER OF CONTROL DATA SET RACK RECORDS WRITTEN = *number***

**Explanation**

This is the total *number* of rack records written to the data set defined by DDNAME NEWTEMP.

In the message text:

***number***

Number of records written

**System action**

Processing continues.



**Source**

DFSMSrmm

**Module**

EDGCVCTL

---

**EDG7022E****ERROR OPENING NEWTEMP FILE****Explanation**

The OPEN macro for the output file allocated to DDNAME NEWTEMP ended with an error.

**System action**

EDGCVCTL completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVCTL job.

**Source**

DFSMSrmm

**Module**

EDGCVCTL

---

**EDG7023E****ERROR OPENING MESSAGES FILE****Explanation**

The OPEN macro for the output file allocated to DDNAME MESSAGES ended with an error.

**System action**

EDGCVCTL completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVCTL job.

**Source**

DFSMSrmm

**Module**

EDGCVCTL

**Explanation**

The GET macro for the input file allocated to DDNAME OLDCONT encountered an error.

**System action**

EDGCVCTL completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVCTL job.

**Source**

DFSMSrmm

**Module**

EDGCVCTL

**Explanation**

The PUT macro for the output file allocated to DDNAME NEWTEMP encountered an error.

**System action**

EDGCVCTL completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVCTL job.

**Source**

DFSMSrmm

**Module**

EDGCVCTL

**Explanation**

EDGCVCTL has completed successfully.





**ownerid2**

The converted TLCS owner name

**System action**

The *ownerid2* owner ID is used by DFSMSrmm.

**Operator response**

None.

**Programmer response**

You can avoid having DFSMSrmm convert owner id records by:

- Changing the data in the TLCS database before starting the conversion.
- Changing the data during conversion by use of the exits EDGUX01 or EDGUX04.

After the new database has been built, use the DFSMSrmm TSO subcommands to change owner ids.

**Source**

DFSMSrmm

**Module**

EDGCVOCK

---

**EDG7029I**

**INVALID VOLUME SEQUENCE NUMBER DETECTED FOR *volser*,  
CHANGED FROM 0 TO 1**

**Explanation**

The DFSMSrmm conversion program is processing the TLCS report file and found a volume record with a volume sequence number of 0. This record has been converted to DFSMSrmm format with a sequence number of 1.

In the message text:

***volser***

Volume serial number

**System action**

Change the volume sequence number from 0 to 1.

**Operator response**

None.

**Programmer response**

Check the *volser* provided in the message text. DFSMSrmm converted the sequence number to 1, which means the volume is eligible for retention under DFSMSrmm. You might not want to retain the volume if the data set was opened for output but never closed.

If a data set is open for output because a job has previously failed, you can release the volume after the conversion is complete, when the DFSMSrmm control data set is loaded, and DFSMSrmm is started in manual or higher mode. You might also consider using TLCS batch update cards to change the volume status to scratch in the TLCS control file.

**Source**

DFSMSrmm

**Module**

EDGCVCTL

---

**EDG7031E****ERROR OPENING OLDVRSF FILE****Explanation**

The OPEN macro for the input file allocated to DDNAME OLDVRSF encountered an error.

**System action**

EDGCVVRS ends with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVVRS job.

**Source**

DFSMSrmm

**Module**

EDGCVVRS

---

**EDG7032E****ERROR OPENING NEWVRSF FILE****Explanation**

The OPEN macro for the output file allocated to DDNAME NEWVRSF encountered an error.

**System action**

EDGCVVRS completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVVRS job.

**Source**

DFSMSrmm

**Module**

EDGCVVRS

**Explanation**

The GET macro for the input file allocated to DDNAME OLDVRSF encountered an error.

**System action**

EDGCVVRS completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVVRS job.

**Source**

DFSMSrmm

**Module**

EDGCVVRS

**Explanation**

The PUT macro for the input file allocated to DDNAME NEWVRSF encountered an error.

**System action**

EDGCVVRS completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVVRS job.

**Source**

DFSMSrmm

**Module**

EDGCVVRS

**Explanation**

EDGCVVRS has completed successfully.

**System action**

EDGCVVRS completes with return code 0.

**Operator response**

None.

**Programmer response**

Proceed with the next step in the conversion.

**Source**

DFSMSrmm

**Module**

EDGCVVRS

---

**EDG7041E****ERROR OPENING OLDRMSF FILE****Explanation**

The OPEN macro for the input file allocated to DDNAME OLDRMSF encountered an error.

**System action**

EDGCVRMT completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVRMT job.

**Source**

DFSMSrmm

**Module**

EDGCVRMT

---

**EDG7042E****ERROR OPENING NEWTEMP FILE****Explanation**

The OPEN macro for the output file allocated to DDNAME NEWTEMP encountered an error.

**System action**

EDGCVRMT completes with return code 8.

## Operator response

None.

## Programmer response

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVRMT job.

## Source

DFSMSrmm

## Module

EDGCVRMT

---

**EDG7043E**

**ERROR READING OLDRMSF FILE**

## Explanation

The GET macro for the input file allocated to DDNAME OLDRMSF encountered an error.

## System action

EDGCVRMT completes with return code 8.

## Operator response

None.

## Programmer response

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVRMT job.

## Source

DFSMSrmm

## Module

EDGCVRMT

---

**EDG7044E**

**ERROR WRITING TO NEWTEMP FILE**

## Explanation

The PUT macro for the output file allocated to DDNAME NEWTEMP encountered an error.

## System action

EDGCVRMT ends with return code 8.

## Operator response

None.

## Programmer response

Analyze MVS error messages associated with the problem. Correct the problem and resubmit the EDGCVRMT job.

## Source

DFSMSrmm

## Module

EDGCVRMT

---

**EDG7045I** **TLCS V1 REMOTE STORE FILE CONVERTED SUCCESSFULLY**

## Explanation

EDGCVRMT has completed successfully.

## System action

EDGCVRMT completes with return code 0.

## Operator response

None.

## Programmer response

Proceed with the next step in the conversion.

## Source

DFSMSrmm

## Module

EDGCVRMT

---

**EDG7046I** **RECORD COUNTS**

## Explanation

This is the header for record counts printed in the job output.

## System action

Processing continues.

## Operator response

None.

## Source

DFSMSrmm





In the message text:

***number***

Number of records written

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGCVRMT

---

**EDG7050I**

**NUMBER OF CONTROL DATA SET FREE BIN RECORDS WRITTEN =  
*number***

**Explanation**

This is the *number* of free bin records written to the data set defined by DDNAME NEWTEMP. Free bins have no volumes currently assigned to them.

In the message text:

***number***

Number of records written

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGCVRMT

---

**EDG7051E**

**ERROR OPENING OLDDOWNR FILE**

**Explanation**

The OPEN macro for the input file allocated to DDNAME OLDDOWNR encountered an error.

**System action**

EDGCVOWN completes with return code 8.





**Source**

DFSMSrmm

**Module**

EDGCVOWN

---

**EDG7056I****NUMBER OF CONTROL DATA SET BIN RECORDS WRITTEN = *number*****Explanation**

This is the total *number* of both empty and assigned bins written to the data set defined by DDNAME NEWTEMP.

In the message text:

***number***

Number of records written

**System action**

Processing continues.

**Operator response**

None.

**Source**

DFSMSrmm

**Module**

EDGCVRMT

---

**EDG7061E****ERROR OPENING *file\_name* FILE****Explanation**

When the specified *file\_name* was opened by EDGCVOVL, an error was found.

The message will be in the SYSPRINT file if the SYSPRINT file opened successfully, otherwise, a write-to-programmer message is issued.

In the message text:

***file\_name***

The name of the file being opened

**System action**

EDGCVOVL completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit EDGCVOVL.

**Source**

DFSMSrmm

**Module**

EDGCVOVL

---

**EDG7063E****ERROR READING *file\_name* FILE****Explanation**

An attempt to read a record from the named input file encountered an error.

In the message text:

***file\_name***

The name of the file being read

**System action**

EDGCVOVL completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit EDGCVOVL.

**Source**

DFSMSrmm

**Module**

EDGCVOVL

---

**EDG7064E****ERROR WRITING TO *file\_name* FILE****Explanation**

When an attempt to write to the named output file was made, an error was found.

In the message text:

***file\_name***

The name of the file being written to

**System action**

EDGCVOVL completes with return code 8.

**Operator response**

None.

**Programmer response**

Analyze MVS error messages associated with the problem. Correct the problem and resubmit EDGCVOVL.

## Source

DFSMSrmm

## Module

EDGCVOVL

---

**EDG7065I**

**EDGCVOVL PROCESSING SUCCESSFUL**

## Explanation

EDGCVOVL has completed successfully.

## System action

EDGCVOVL ends with return code 0.

## Operator response

None.

## Programmer response

Proceed with the next step in the conversion.

## Source

DFSMSrmm

## Module

EDGCVOVL

---

**EDG7066I**

**OWNER *owner\_name* HAS *number* OWNED VOLUMES**

## Explanation

EDGCVOVL processed owned volume records and found the *owner\_name* has the *number* of volumes indicated. The message displays a *number* if volumes were found, or NO if no volumes were found, but an owner record exists.

In the message text:

### ***owner\_name***

The volume owner

### ***number***

Number of volumes or NO if no volumes are owned

## System action

EDGCVOVL continues processing.

## Operator response

None.

## Source

DFSMSrmm

## Module

EDGCVOVL

---

**EDG8001I**

***task* RELEASE REQUEST FOR VOLUME *volser* FAILED - EDGDFHSM MUST BE APF AUTHORIZED**

## Explanation

A program has linked to the DFSMSrmm program EDGDFHSM. The program must execute in an APF authorized environment.

In the message text:

### ***task***

The job or started task.

### ***volser***

The volume serial number.

## System action

EDGDFHSM performs no processing.

## Operator response

Inform the system programmer.

## System programmer response

To use the program EDGDFHSM, correct the environment to link to EDGDFHSM from within an APF authorized environment. EDGDFHSM is designed to be used from DFSMSHsm using EDGTVEXT or from an installation exit such as ARCTVEXT.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8002I**

***task* RELEASE REQUEST FOR VOLUME *volser* FAILED - DFSMSrmm SUBSYSTEM NOT ACTIVE**

## Explanation

EDGDFHSM was called to process the volume *volser*. The DFSMSrmm subsystem must be active or defined to MVS for this request to be processed.

In the message text:

### ***task***

The job or started task.

### ***volser***

The volume serial number.

## System action

EDGDFHSM performs no processing.

## Operator response

Start the DFSMSrmm subsystem. If DFSMSrmm does not start, inform systems support personnel.

## System programmer response

Ensure that DFSMSrmm is correctly defined as a subsystem in the system parmlib, and that the subsystem has been started successfully. The tape volume *volser* has not been processed correctly by the DFSMSrmm subsystem. Manual processing might be necessary to ensure that information has been recorded in the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8003I** *task* RELEASE REQUEST - VOLUME *volser* IS NOT DFSMSrmm MANAGED

## Explanation

You requested that DFSMSrmm release a *task* tape volume *volser* that DFSMSrmm does not manage.

In the message text:

### *task*

The job or started task.

### *volser*

The volume serial number.

## System action

The current volume request is not completed. The requesting task, however, will have completed its volume deletion processing.

## Operator response

Inform the system programmer.

## System programmer response

If this volume and other tape volumes that are used by the task are not managed by DFSMSrmm, you can avoid the EDG8003I messages by stopping the task from calling the EDGDFHSM or the EDGTVEXT program interface. If this task is the only caller of the EDGDFHSM program interface and the EDGTVEXT program interface, you can disable the DFSMSrmm processing by using the TVEXTPURGE(NONE) parmlib option.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8004I** *task* USER *user\_name* NOT AUTHORIZED TO *function* VOLUME *volser*



## Explanation

A request to list, release, or change tape volume information has been made on behalf of *task*. The RACF user ID *user\_name* associated with *task* is not authorized to access the RACF resources protecting DFSMSrmm facilities.

In the message text:

### ***task***

The job or started task.

### ***user\_name***

The RACF user ID.

### ***function***

The function requested of the DFSMSrmm subsystem. Can be: LIST, RELEASE, or CHANGE

### ***volser***

Volume serial number

## System action

The current request is rejected.

## Operator response

Inform the system programmer.

## System programmer response

Review the RACF resource profiles set up to protect DFSMSrmm. Change the profiles so that the task's RACF user ID *user\_name* has the correct level of authorization. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for authorization details.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8006E**

**DFSMSrmm SUBSYSTEM *function* REQUEST FOR *task* VOLUME *volser*  
FAILED RETURN CODE = *return\_code* REASON CODE = *reason\_code***

## Explanation

A processing request was made to release a tape volume, but incorrect information was supplied to the DFSMSrmm subsystem. DFSMSrmm might have issued the *reason\_code* because the requested tape has already been released or returned to scratch status.

In the message text:

### ***function***

The function requested of the DFSMSrmm subsystem. Can be: LIST, RELEASE, or CHANGE

### ***task***

The job or started task.

### ***volser***

The volume serial number.

### ***return\_code***

The value returned in register 15 on return from the subsystem request.

**reason\_code**

The value returned by the subsystem that identifies the specific error.

DFSMSrmm issues reason code 35 when the requestor tried to release a volume, but according to DFSMSrmm, the tape was already in scratch status.

DFSMSrmm issues reason code 49 when the requestor tried to release a volume, but according to DFSMSrmm, the tape was already released.

DFSMSrmm issues reason code 94 when the requestor tried to release a volume, but according to DFSMSrmm, the volume is stacked and release is not supported for stacked volumes.

DFSMSrmm issues reason code 115 when the requestor tried to release a volume, but according to DFSMSrmm, the volume has HOLD attribute set.

**System action**

DFSMSrmm does not continue processing of current volume.

**Operator response**

Inform the system programmer.

**System programmer response**

A request by the DFSMSrmm installation exits EDGTVEXT or EDGDFHSM resulted in a failed subsystem request. For reason codes 35 and 49, check to see why the requested volume has already been released or returned to scratch status. For reason code 115, check to see why the requested volume has HOLD attribute set. Refer to the [z/OS DFSMSrmm Implementation and Customization Guide](#) for information about running DFSMSHsm and DFSMSrmm together and for information about using the EDGTVEXT and EDGDFHSM programs. For reason codes other than 35, 49, 94 and 115, report the return code and reason code to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGDFHSM

---

**EDG8007E**

**DFSMSrmm SUBSYSTEM *function* REQUEST FOR *task* VOLUME *volser*  
FAILED RETURN CODE = *return\_code***

**Explanation**

A processing request for a tape volume was initiated but the DFSMSrmm subsystem request failed.

In the message text:

***function***

The function requested of the DFSMSrmm subsystem. Can be: LIST, RELEASE, or CHANGE

***task***

The job or started task.

***volser***

The volume serial number.

***return\_code***

The value returned in register 15 on return from the subsystem request.

## System action

DFSMSrmm does not continue processing of current volume.

## Operator response

For return code 8, restart the DFSMSrmm subsystem. If necessary, inform the system programmer.

## System programmer response

For return codes 8 and 12, ensure that the DFSMSrmm subsystem is defined and started successfully. For all other return codes, report the problem to the IBM Support Center.

The DFSMSrmm subsystem did not process the tape volume *volser* correctly. Manual processing might be necessary.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8008D DFSMSrmm I/O ERROR DURING *task function* REQUEST FOR *volser* - ENTER "RETRY" OR "CANCEL"**

## Explanation

An I/O error occurred on the DFSMSrmm control data set while the *task* was calling DFSMSrmm, using program EDGTVEXT or EDGDFHSM to release a volume.

In the message text:

### ***task***

The job or started task.

### ***function***

The function requested of the DFSMSrmm subsystem. Can be: LIST, RELEASE, or CHANGE

### ***volser***

The volume serial number of the tape being released.

## System action

DFSMSrmm waits for the operator's response: RETRY or CANCEL.

## Operator response

Check your installation's procedures for handling I/O errors on the DFSMSrmm control data set. If the error can be corrected, enter RETRY to update the DFSMSrmm control data set. Enter CANCEL if no further action should be taken.

## System programmer response

If the operator entered CANCEL, advise your tape librarian or storage administrator that DFSMSrmm control data set entries might be incomplete. Information might need to be added to the control data set.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8009E**

**REPLY TO EDG*id*D INVALID, PLEASE REPLY WITH EITHER "RETRY" OR "CANCEL"**

## Explanation

DFSMSrmm issues this message to prompt the operator. The valid replies to message EDG8008D, EDG8010D, EDG8011D, and EDG8013D are RETRY or CANCEL.

In the message text:

### *id*

The number of the message incorrectly replied to. One of the following values:

- 8008
- 8010
- 8011
- 8013

## System action

DFSMSrmm issues message EDG8008D, EDG8010D, EDG8011D, or EDG8013D after issuing message EDG8009E.

## Operator response

When message EDG8008D, EDG8010D, EDG8011D, or EDG8013D is displayed again, following message EDG8009E, enter either RETRY or CANCEL.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8010D**

**BACKUP IN PROGRESS DURING *task function* REQUEST FOR *volser* - ENTER "RETRY" OR "CANCEL"**

## Explanation

DFSMSrmm was unable to record a tape volume release request for *volser*, because DFSMSrmm control data set backup was in progress.

In the message text:

### *task*

The job or started task.

### *function*

The function requested of the DFSMSrmm subsystem. Can be: LIST, RELEASE, or CHANGE

### *volser*

The volume serial number of the tape being released.

## System action

DFSMSrmm prompts the operator to reply either RETRY or CANCEL. If the operator enters RETRY, DFSMSrmm tries to record information about the volume. If the operator enters CANCEL, then DFSMSrmm takes no further action.

## Operator response

No DFSMSrmm control data set update requests can be processed while backup is in progress. Wait for backup processing to complete, then enter RETRY to continue, or CANCEL to cancel the action.

## System programmer response

If the operator replies CANCEL, advise the tape librarian or storage administrator that action might not have been recorded in the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8011D**

**DFSMSrmm SUBSYSTEM IS NOT ACTIVE DURING *task function*  
REQUEST FOR *volser* - ENTER "RETRY" OR "CANCEL"**

## Explanation

DFSMSrmm was unable to process a request to release the volume *volser*, because the DFSMSrmm subsystem is not active.

In the message text:

### ***task***

The job or started task.

### ***function***

The function requested of the DFSMSrmm subsystem. Can be: LIST, RELEASE, or CHANGE

### ***volser***

The volume serial number of the tape being released.

## System action

The operator is prompted to reply either RETRY or CANCEL. If the operator enters RETRY, DFSMSrmm retries the request. If the operator enters CANCEL, no further action is taken.

## Operator response

Start the DFSMSrmm subsystem and reply RETRY. If you are not going to start DFSMSrmm, reply CANCEL.

## System programmer response

If the operator replies CANCEL, information about the volume might not be recorded. Advise the tape librarian or storage administrator that information in the DFSMSrmm control data set and the requestor's data base might be inconsistent for this volume.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8012E**

***task function* REQUEST FOR VOLUME *volser* - DFSMSrmm SUBSYSTEM IS NOT INITIALIZED**

## Explanation

The DFSMSrmm program interface, EDGDFHSM or EDGTVEXT, has been called when the DFSMSrmm subsystem is not in use. Either the interface has been reset using the EDGRESET utility, or the interface has never been initialized.

In the message text:

### ***task***

The job or started task

### ***function***

The function requested of the DFSMSrmm subsystem. Can be: LIST, RELEASE, or CHANGE

### ***volser***

The volume serial number being released.

## System action

Processing continues. DFSMSrmm ignores the current request.

## Operator response

Inform your system programmer.

## System programmer response

Determine if DFSMSrmm should be in use on your system. Ensure that the correct ARCTVEXT installation exit is in use on your system. If you use another tape management product, ARCTVEXT should call the other tape management product rather than DFSMSrmm. If DFSMSrmm should be in use on your system, include EDGSSSI in the IEFSSNx subsystem name table entry for DFSMSrmm or start the DFSMSrmm procedure.

## Source

DFSMSrmm

## Module

EDGDFHSM

---

**EDG8013D**

**DFSMSrmm JOURNAL FILE IS LOCKED DURING *task function* REQUEST FOR *volser* - ENTER "RETRY" OR "CANCEL"**

## Explanation

The DFSMSrmm journal file is locked while a task is calling DFSMSrmm to release a volume. DFSMSrmm locked the journal data set when the operator replied 'L' to message EDG2103D.

In the message text:

### ***task***

The job or started task.

### ***function***

The function requested of the DFSMSrmm subsystem. Can be: LIST, RELEASE, or CHANGE

**volser**

The volume serial number of the tape being released.

**System action**

DFSMSrmm waits for the operator's response: RETRY or CANCEL.

**Operator response**

Check your installation's procedures for backing up the DFSMSrmm control data set and clearing the journal. If you are instructed to back up, use EDGHSKP and specify the BACKUP parameter to perform backup and clear the journal. Then enter RETRY to update the DFSMSrmm control data set. If you are not instructed to back up, enter CANCEL.

**System programmer response**

If the operator entered CANCEL, advise your tape librarian or storage administrator that DFSMSrmm control data set entries might be incomplete. Schedule the control data set back up processing to clear the journal. Use EDGHSKP, PARM=BACKUP to perform backup and to clear the journal.

**Source**

DFSMSrmm

**Module**

EDGDFHSM

---

**EDG8101I****EDGLCSUX EXECUTION ENVIRONMENT IS NOT SUPPORTED****Explanation**

A program has linked to the DFSMSrmm program EDGLCSUX, and that program was not executing in supervisor state.

**System action**

EDGLCSUX performs no function.

**Operator response**

Inform the system programmer.

**System programmer response**

To use the sample EDGLCSUX, correct the environment to link to EDGLCSUX from a program executing in supervisor state. EDGLCSUX is designed to be used from the OAM installation exits CBRUXENT, CBRUXEJC and CBRUXCUA.

**Source**

DFSMSrmm

**Module**

EDGLCSUX

---

**EDG8102D****DFSMSrmm SUBSYSTEM NOT ACTIVE DURING *function* PROCESSING FOR volser - ENTER "RETRY", "IGNORE", OR "CANCEL"**

## Explanation

DFSMSrmm issues this message because the DFSMSrmm subsystem is inactive.

EDGLCSUX or EDGOCEXT was called to process the volume *volser*. This processing requires that the DFSMSrmm subsystem is active. The subsystem is inactive.

In the message text:

### ***function***

Describes the processing that DFSMSrmm was asked to perform. It can be:

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge exit processing

#### **ENTRY**

Cartridge entry processing

#### **RETRIEVE**

Retrieve processing

#### **FILE END**

Close or EOVS processing

#### **FILE START**

Open or EOVS processing

#### **LABEL ERR**

Label anomaly processing

#### **TAPE MOUNT**

Processing a volume mount

#### **VALIDATION**

File validation processing

### ***volser***

Is the volume serial number that is currently being processed

## System action

DFSMSrmm waits for the operator to reply to the message. Before the operator can reply RETRY, the DFSMSrmm subsystem must be reactivated.

## Operator response

Start or restart the DFSMSrmm subsystem. If DFSMSrmm does not start, inform systems support personnel. If the control data set is being restored from tape, reply IGNORE to allow tape processing to continue with a non-system managed tape drive.

<b>Operator Reply</b>	<b>Result</b>
CANCEL	DFSMSrmm fails the current request but processes all other requests.
IGNORE	DFSMSrmm allows the current request to continue as a non-system managed tape request but processes all other requests.



## Operator Reply

RETRY

## Result

DFSMSrmm retries the current request. Before replying RETRY, start DFSMSrmm by issuing the operator command:

```
S DFRMM
```

To restart DFSMSrmm issue:

```
F DFRMM,M=xx
```

or reply to an outstanding WTOR prompting you for a parmlib member suffix.

If DFSMSrmm is still not active, DFSMSrmm reissues this message. If DFSMSrmm is active, processing continues.

## System programmer response

Ensure that DFSMSrmm is correctly defined as a subsystem in the system parmlib, and that the subsystem has been started successfully. The tape volume *volser* has not been processed correctly by the DFSMSrmm subsystem. Manual processing might be necessary.

## Source

DFSMSrmm

## Module

EDGLCSUX EDGOCEXT

---

**EDG8103D**

**DFSMSrmm SUBSYSTEM INTERFACE NOT ACTIVE DURING *function* PROCESSING FOR *volser* - ENTER "IGNORE", "CANCEL", OR "RETRY" AFTER FIXING PROBLEM.**

## Explanation

DFSMSrmm issues this message because the DFSMSrmm subsystem interface is inactive. EDGLCSUX was called by OAM to process the volume *volser*. This processing requires that the DFSMSrmm subsystem interface is active.

In the message text:

### ***function***

Describes the processing that DFSMSrmm was asked to perform. It can be:

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge exit processing

#### **ENTRY**

Cartridge entry processing

#### **RETRIEVE**

Retrieve processing

### ***volser***

Is the volume serial number that is currently being processed.



**EJECT**

Cartridge exit processing

**ENTRY**

Cartridge entry processing

***volser***

Is the volume serial number that is currently being processed

**System action**

No further processing of the current volume is performed.

The corresponding OAM installation exit will not be called again:

- CHANGE USE - CBRUXCUA
- EJECT - CBRUXEJC
- ENTRY - CBRUXENT

**Operator response**

Inform the system programmer.

**System programmer response**

An error in the program EDGLCSUX caused an incorrect subsystem request. Report the problem to the IBM Support Center.

The tape volume *volser* has not been processed correctly by the DFSMSrmm subsystem. Manual processing might be necessary.

To reactivate the appropriate OAM installation exit, either stop and restart OAM or enter the following command:

```
LIBRARY RESET,LCS exit name
```

**Note:** In a classic OAM configuration, the stop and restart of OAM refers to the single allowed OAM address space which may perform tape library processing and/or object processing. In a multiple OAM configuration, the stop and restart of OAM refers to the Tape Library OAM address space (which is separate from any Object OAM address spaces).

**Source**

DFSMSrmm

**Module**

EDGLCSUX

---

**EDG8106E** DFSMSrmm SUBSYSTEM ERROR DURING *function* PROCESSING FOR VOLUME *volser* - RETURN CODE *return\_code* REASON CODE = *reason\_code*

**Explanation**A processing request from OAM for tape volume *volser* was initiated, but the DFSMSrmm subsystem request failed. The *return\_code* is that passed in register 0 on return from the subsystem request.

In the message text:

***function***

Describes the processing that DFSMSrmm was asked to perform. It can be one of:

- ENTRY - cartridge entry processing

- EJECT - cartridge exit processing
- CHANGE USE - volume change use processing

**volser**

Is the volume serial number that is currently being processed

**return\_code**

Is the DFSMSrmm subsystem return code. The contents of register 0 on return from the subsystem.

**reason\_code**

Value returned by the subsystem that identifies the specific error

**System action**

No further processing of the current volume is performed.

The corresponding OAM installation exit will not be called again:

- ENTRY - CBRUXENT
- EJECT - CBRUXEJC
- CHANGE USE - CBRUXCUA

**Operator response**

Inform the system programmer.

**System programmer response**

An error in the program EDGLCSUX caused an incorrect subsystem request.

The tape volume *volser* has not been processed correctly by the DFSMSrmm subsystem. Manual processing might be necessary.

To reactivate the appropriate OAM installation exit, either stop and restart OAM, or enter the following command:

```
LIBRARY RESET,LCS installation_exit_name
```

If manual processing is not successful, report the return code and reason code to the IBM Support Center.

**Note:** In a classic OAM configuration, the stop and restart of OAM refers to the single allowed OAM address space which may perform tape library processing and/or object processing. In a multiple OAM configuration, the stop and restart of OAM refers to the Tape Library OAM address space (which is separate from any Object OAM address spaces).

**Source**

DFSMSrmm

**Module**

EDGLCSUX

**EDG8107E**

**DFSMSrmm SUBSYSTEM ERROR DURING *function* PROCESSING FOR VOLUME *volser* - RETURN CODE *return\_code***

**Explanation**

The DFSMSrmm subsystem failed a request from OAM for tape volume *volser*. Register 15 contains the *return\_code* returned from the subsystem request.

In the message text:

**function**

Describes the processing that DFSMSrmm was asked to perform. It can be:

**CHANGE USE**

Volume change use processing

**EJECT**

Cartridge exit processing

**ENTRY**

Cartridge entry processing

**volser**

Is the volume serial number that is currently being processed

**return\_code**

Is the subsystem interface return code. The contents of register 15 on return from the subsystem.

**System action**

No further processing of the current volume is performed.

The corresponding OAM installation exit will not be called again:

- CHANGE USE - CBRUXCUA
- EJECT - CBRUXEJC
- ENTRY - CBRUXENT

**Operator response**

For return code 8, restart the DFSMSrmm subsystem. Otherwise, inform the system support personnel.

**System programmer response**

For return codes 8 and 12, ensure that the DFSMSrmm subsystem is defined and started successfully. For all other return codes, report the problem to the IBM Support Center.

The tape volume *volser* has not been processed correctly by the DFSMSrmm subsystem. Manual processing might be necessary.

To reactivate the appropriate OAM installation exit, either stop and restart OAM or enter the following command:

```
LIBRARY RESET,LCS exit name
```

**Note:** In a classic OAM configuration, the stop and restart of OAM refers to the single allowed OAM address space which may perform tape library processing and/or object processing. In a multiple OAM configuration, the stop and restart of OAM refers to the Tape Library OAM address space (which is separate from any Object OAM address spaces).

**Source**

DFSMSrmm

**Module**

EDGLCSUX

---

**EDG8108D**

**DFSMSrmm I/O ERROR DURING *function* PROCESSING FOR VOLUME  
*volser* - ENTER "RETRY" OR "CANCEL"**

## Explanation

An I/O error occurred on the DFSMSrmm control data set while an OAM installation exit was calling DFSMSrmm to process a volume.

In the message text:

### *function*

Describes the processing that DFSMSrmm was asked to perform. It can be:

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge exit processing

#### **ENTRY**

Cartridge entry processing

### *volser*

Is the volume serial number that is currently being processed

## System action

DFSMSrmm waits for the operator's response: RETRY or CANCEL. Enter RETRY to make another attempt to update the DFSMSrmm control data set information. Enter CANCEL to take no further action and fail the request.

## Operator response

Check your installation's procedures for handling I/O errors on the DFSMSrmm control data set. Enter RETRY to update the DFSMSrmm control data set if you were able to correct the error. Enter CANCEL if the error cannot be corrected.

<b>Operator Reply</b>	<b>Result</b>
CANCEL	DFSMSrmm fails the current request but processes all other requests.
RETRY	DFSMSrmm retries the current request.

If DFSMSrmm is still not active, DFSMSrmm reissues this message. If DFSMSrmm is active, processing continues.

## System programmer response

If the operator entered CANCEL, advise your tape librarian or storage administrator that control data set or volume catalog entries might be incomplete.

## Source

DFSMSrmm

## Module

EDGLCSUX

**EDG8109E**

**INCORRECT RESPONSE, PLEASE REPLY WITH EITHER "RETRY" OR "CANCEL"**

## Explanation

The valid replies to messages EDG8102D, EDG8108D, EDG8110D, or EDG8113D are RETRY or CANCEL.



## Module

EDGLCSUX

---

**EDG8111I**

**PARAMETER LIST PASSED TO EDGLCSUX IS INCORRECT - REASON  
CODE *code***

## Explanation

DFSMSrmm was unable to process an OAM installation exit request, because the information passed to it was not in the correct format.

In the message text:

### ***code***

This is the reason code that is set by EDGLCSUX when it determines that the parameter list is not valid. See [z/OS DFSMSrmm Implementation and Customization Guide](#) for reason code values and their meaning.

## System action

The request is not processed. If your installation is using the DFSMSrmm-supplied OAM installation exits, the OAM installation exit will not be called again.

## Operator response

Inform the system programmer.

## System programmer response

If you are attempting to implement a modified version of the supplied DFSMSrmm OAM installation exits, you will need to diagnose the cause of the error. If you are using a standard IBM-supplied system, you should report this error to the IBM Support Center.

To reactivate the appropriate OAM installation exit, either stop and restart OAM or enter the following command:

```
LIBRARY RESET,LCS exit name
```

**Note:** In a classic OAM configuration, the stop and restart of OAM refers to the single allowed OAM address space which may perform tape library processing and/or object processing. In a multiple OAM configuration, the stop and restart of OAM refers to the Tape Library OAM address space (which is separate from any Object OAM address spaces).

## Source

DFSMSrmm

## Module

EDGLCSUX

---

**EDG8112I**

**ABEND *abend\_code* DURING function PROCESSING FOR VOLUME *volser***

## Explanation

DFSMSrmm was unable to process an OAM installation exit request, because of an error during processing.

In the message text:

### ***abend\_code***

This is the system abend code that occurred during the request. Refer to [z/OS MVS System Codes](#) for a description of the possible codes.



**function**

Describes the processing that DFSMSrmm was asked to perform. It can be:

**CHANGE USE**

Volume change use processing

**EJECT**

Cartridge exit processing

**ENTRY**

Cartridge entry processing

**volser**

This is the volume serial number being processed.

**System action**

No further processing of the current volume is performed.

The corresponding OAM installation exit will not be called again:

- CHANGE USE - CBRUXCUA
- EJECT - CBRUXEJC
- ENTRY - CBRUXENT

**Operator response**

Inform the system programmer.

**System programmer response**

If you can identify the cause of the error from the abend code explanation, correct the error and retry the action that was in progress at the time. Otherwise, report this error to the IBM Support Center.

To reactivate the appropriate OAM installation exit, either stop and restart OAM or enter the following command:

```
LIBRARY RESET,LCS exit name
```

**Note:** In a classic OAM configuration, the stop and restart of OAM refers to the single allowed OAM address space which may perform tape library processing and/or object processing. In a multiple OAM configuration, the stop and restart of OAM refers to the Tape Library OAM address space (which is separate from any Object OAM address spaces).

**Source**

DFSMSrmm

**Module**

EDGLCSUX

**EDG8113D**

**DFSMSrmm JOURNAL FILE IS LOCKED DURING *function* PROCESSING FOR VOLUME *volser* - ENTER "RETRY" OR "CANCEL"**

**Explanation**

The DFSMSrmm journal file is locked while an OAM installation exit was calling DFSMSrmm to process a volume. The journal data set was locked when an operator replied 'L' to message EDG2103D.

In the message text:

**function**

Describes the processing that DFSMSrmm was asked to perform. It can be:

**CHANGE USE**

Volume change use processing

**EJECT**

Cartridge exit processing

**ENTRY**

Cartridge entry processing

***volser***

Is the volume serial number that is currently being processed

**System action**

DFSMSrmm waits for the operator's response: RETRY or CANCEL.

**Operator response**

Check your installation's procedures for backing up the control data set and clearing the journal. If you are instructed to do backing up, follow the steps for it. Make sure that EDGHSKP is only used with the BACKUP parameter specified and enter RETRY to retry the update of the DFSMSrmm control data set information. If you are not instructed to do backing up, enter CANCEL.

**System programmer response**

If the operator replies with CANCEL, advise your tape librarian or storage administrator that DFSMSrmm control data set or volume catalog entries might be incomplete. Schedule the control data set back up processing to clear the journal. Use EDGHSKP,PARM=BACKUP to back up the control data set and to clear the journal. Do not specify any other EDGHSKP parameters.

**Source**

DFSMSrmm

**Module**

EDGLCSUX

---

**EDG8117I**

*function OF VOLUME volser WAITING FOR AN OPERATOR REPLY*

**Explanation**

An OAM installation exit called DFSMSrmm to process a volume. A message has been issued to the operator which requires a reply.

In the message text:

***function***

Describes the processing that DFSMSrmm was asked to perform. It can be:

**CHANGE USE**

Volume change use processing

**EJECT**

Cartridge exit processing

**ENTRY**

Cartridge entry processing

**RETRIEVE**

Volume-not-in-library processing

**FILE END**

Close or EOVS processing

**FILE START**

Open or EOVS processing

**LABEL ERR**

Label anomaly processing

**TAPE MOUNT**

Processing a volume mount

**VALIDATION**

File validation processing

***volser***

This is the volume serial number of the volume being processed.

**System action**

The system waits until the operator replies to message EDG8102D, EDG8108D, or EDG8110D.

**Operator response**

See message EDG8102D, EDG8108D, or EDG8110D.

**System programmer response**

See message EDG8102D, EDG8108D, or EDG8110D.

**Source**

DFSMSrmm

**Module**

EDGLCSUX, EDGOCEXT

**EDG8118I**

---

***function* VOLUME *volser* REFUSED - DFSMSrmm I/O ERROR OR  
JOURNAL FILE IS LOCKED**

**Explanation**

An I/O error occurred on the DFSMSrmm control data set or the DFSMSrmm journal file is locked while an OAM installation exit was calling DFSMSrmm to process a volume. DFSMSrmm issues EDG8108D or EDG8113D to the console and the operator replied CANCEL.

***function***

Describes the processing that DFSMSrmm was asked to perform. It can be:

**CHANGE USE**

Volume change use processing

**EJECT**

Cartridge exit processing

**ENTRY**

Cartridge entry processing

***volser***

Is the volume serial number that is currently being processed

**System action**

EDGLCSUX performs no function.

## Operator response

Contact your system programmer.

## System programmer response

See message EDG8108D or EDG8113D that precedes message EDG8118I.

## Source

DFSMSrmm

## Module

EDGLCSUX

---

**EDG8119I** *function OF VOLUME volser REFUSED - DFSMSrmm NOT ACTIVE*

## Explanation

EDGLCSUX or EDGOCEXT was called to process the volume *volser*. This processing requires that the DFSMSrmm subsystem is active. The subsystem is inactive, and the operator replied CANCEL to the message EDG8102D.

### *function*

Describes the processing that DFSMSrmm was asked to perform. It can be:

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge exit processing

#### **ENTRY**

Cartridge entry processing

#### **FILE END**

Close or EOVS processing

#### **FILE START**

Open or EOVS processing

#### **LABEL ERR**

Label anomaly processing

#### **TAPE MOUNT**

Processing a volume mount

#### **VALIDATION**

File validation processing

### *volser*

Is the volume serial number that is currently being processed

## System action

EDGLCSUX performs no function.

## Operator response

None.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGLCSUX, EDGOCEXT

---

### EDG8120I

***function* OF VOLUME *volser* REFUSED - DFSMSrmm BACKUP IN PROGRESS**

## Explanation

DFSMSrmm was unable to process an OAM installation exit request for *volser*, because DFSMSrmm control data set backup was in progress. Message EDG8110D was issued to the console, and the operator replied CANCEL.

### *function*

Describes the processing that DFSMSrmm was asked to perform. It can be:

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge exit processing

#### **ENTRY**

Cartridge entry processing

### *volser*

Is the volume serial number that is currently being processed

## System action

EDGLCSUX performs no function.

## Operator response

Wait until DFSMSrmm control data set backup has completed before re-issuing your request.

## System programmer response

None.

## Source

DFSMSrmm

## Module

EDGLCSUX

---

### EDG8121D

**ENTER volume *req\_volser* INTO LIBRARY *lib\_name* AND REPLY "RETRY", OTHERWISE REPLY "CANCEL" OR "CONTINUE"**

## Explanation

DFSMSrmm is processing an OAM installation exit retrieve request for the volume. The CBRUXVNL installation exit has requested that the volume should return to a system-managed tape library for processing. For the information about volume location, refer to the EDG8124I message that DFSMSrmm issues for the volume.

In the message text:



return to a system-managed tape library for processing. DFSMSrmm issues this message when an error occurs during volume mount processing. For the information about volume location, DFSMSrmm issues message EDG8124I.

In the message text:

**req\_volser**

The volume serial number being processed.

**lib\_name**

This is the name of the system-managed tape library where the volume should be entered. If a library is named, you must enter the volume into that library. It can be:

- A specific system-managed tape library name.
- \*ANY\* to indicate that you can enter the volume into any system-managed tape library defined on your system.

**System action**

DFSMSrmm waits for a reply to the message. If the reply is RETRY, it is assumed that you have entered the volume into either the specific named library or any system-managed tape library. If the reply is CANCEL, the current job step fails.

**Operator response**

Find the volume using the rack number or bin number and the location information that is provided in message EDG8124I. Enter the volume into the correct library. If any library is acceptable, you can use the home location name to help determine where the volume should reside.

Operator Reply	Result
CANCEL	The current job step fails.
RETRY	DFSMSrmm assumes that you have entered the volume into either the specific named library, or any system-managed tape library.

When you see the message CBR3610I, it notifies you that entry processing is complete. You can then reply RETRY to the message EDG8122D.

DFSMSrmm reissues this message if you do not respond with either RETRY or CANCEL.

**System programmer response**

None.

**Module**

DFSMSrmm

**Detecting Module**

EDGLCSUX

**EDG8123D**

**IMPORT VOLUME req\_volser TO LIBRARY lib\_name AND REPLY "RETRY", OTHERWISE REPLY "CANCEL"**

**Explanation**

DFSMSrmm is processing an OAM installation exit retrieve request for the volume. The CBRUXVNL installation exit has requested that the volume is to be returned to a system-managed virtual tape server library for processing. For the information about volume location, DFSMSrmm issues message EDG8124I.

In the message text:

**req\_volser**

The volume serial number being processed.

**lib\_name**

The name of the system-managed tape library where the volume should be imported. It can be:

- A specific system-managed tape library name.
- \*ANY\* to indicate that you can import the volume into any system-managed tape library defined on your system.

If a library is named, you must enter the volume into that library.

## System action

DFSMSrmm waits for a reply to the message. If the reply is RETRY, it is assumed that you have, or soon will have, imported the logical volume into either the specific named library or any system-managed tape library. If the reply is CANCEL, the current job step fails. If you cannot import the volume into a system managed library, reply CANCEL.

## Operator response

Find the volume using the stacked volume name and the location information that is provided in message EDG8124I and enter the volume into the correct library. If any library is acceptable, you can use the home location name to help determine where the volume should reside.

### Operator Reply

#### Result

#### CANCEL

The current job step fails.

#### RETRY

DFSMSrmm assumes that you have entered the volume into either the specific named library, or any system-managed tape library.

When you see the message CBR3750I, with the import status message, this is notification that import processing is complete. You can then reply RETRY to the message EDG8123D.

DFSMSrmm reissues this message if you do not respond with either RETRY or CANCEL.

## Source

DFSMSrmm

## Module

EDGLCSUX

---

**EDG8124I** **VOLUME req\_volser RACK rack\_number LOCATION loc\_name BIN bin\_number HOME LOCATION home - NOT IN LIBRARY lib\_name**

## Explanation

DFSMSrmm issues this message for information only. DFSMSrmm is processing an OAM installation exit retrieve request for the volume. The CBRUXVNL installation exit has requested that the volume should return to a system-managed tape library for processing. DFSMSrmm issues message EDG8121D, or EDG8122D, or EDG8123D after this message when DFSMSrmm is controlling system-managed tape exit processing. DFSMSrmm is not controlling system-managed tape exit processing, none of message EDG8121D, EDG8122D, or EDG8123D is issued.

In the message text:



**req\_volser**

The volume serial number being processed.

**rack\_number**

This is the external volume serial number that identifies the physical volume.

**loc\_name**

The name of the location where DFSMSrmm believes the volume is stored. It can be any DFSMSrmm supported location or storage location.

**bin\_number**

This is the shelf location in which the volume is stored if the location name is a DFSMSrmm storage location.

**home**

This is the name of the volume's home location. It can be any location supported by DFSMSrmm. If it is a system-managed tape library name, you can use it to help you decide into which library you should enter the volume.

**lib\_name**

This is the name of the system-managed tape library where the volume should be imported. If a library is named, you must enter the volume into that library. It can be:

- A specific system-managed tape library name.
- \*ANY\* to indicate that you can import the volume into any system-managed tape library defined on your system.

**System action**

DFSMSrmm continues processing.

**Operator response**

Find the volume using the rack number or the bin number and the location information provided in the message, and enter the volume into the correct library. If you can enter the volume into any library, you can use the home location name to determine where the volume should reside.

Reply to message EDG8121D, or message EDG8122D, or message EDG8123D, if DFSMSrmm issued one of these messages for the volume.

**System programmer response**

None.

**Module**

DFSMSrmm

**Detecting Module**

EDGLCSUX

---

**EDG8125I**

**LOGICAL VOLUME *req\_volser* EXPORTED IN STACKED VOLUME  
*stack\_volser* LOCATION *loc\_name* SHELF *shelf\_number* HOME  
LOCATION *home* - NOT IN LIBRARY *lib\_name***

**Explanation**

DFSMSrmm issues this message for information only. DFSMSrmm is processing an OAM installation exit retrieve request for the volume. The CBRUXVNL installation exit has requested that the volume should return to a system-managed virtual tape server library for processing. DFSMSrmm issues message EDG8123D after this message.

In the message text:

**req\_volser**

The volume serial number being processed.

**stack\_volser**

The value that identifies the stacked volume.

**loc\_name**

The name of the location where DFSMSrmm believes the *stack\_volser* is stored. It can be any DFSMSrmm supported location or storage location.

**shelf\_number**

The shelf location where the *stack\_volser* is stored.

**home**

The name of the volume's home location. It can be any virtual tape server name. You can use it to help you decide into which library you should import the volume.

**lib\_name**

The name of the system-managed tape library where the volume should be imported. It can be:

- A specific system-managed tape library name.
- \*ANY\* to indicate that you can import the volume into any system-managed tape library that is defined on your system.

If a library is named, you must enter the volume into that library.

**System action**

DFSMSrmm continues processing.

**Operator response**

Find the volume using the stacked volume name and the location information that is provided in the message and import the volume into the correct library. If any library is acceptable, you can use the home location name to help determine where the volume should reside.

Reply to message EDG8123D for the volume.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGLCSUX

---

**EDG8179I**

***function* OF VOLUME *external\_volser* NOT PROCESSED ON DOWN LEVEL SYSTEM**

**Explanation**

You have enabled the DFSMSrmm extended bin support using the DFSMSrmm EDGUTIL utility on a higher-level system. Because this lower-level system does not support extended bin, DFSMSrmm ignores volume entry processing including import processing for logical volumes.

In the message text:

***function***

Describes the function being requested of OAM.

**ENTRY**

Cartridge entry processing

**IMPORT**

Logical volume import processing

***external\_volser***

This is the volume serial number being processed.

**System action**

The volume stays in entry or insert category so that a system which supports extended bin and shares the CDS and TCDB can do the entry processing.

**Operator response**

None.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGMLCS

---

**EDG8180I*****function OF VOLUME external\_volser - ENTRY STATUS AND DFSMSrmm STATUS ARE DIFFERENT*****Explanation**

During cartridge entry processing while DFSMSrmm is not running in protect mode, DFSMSrmm detected a difference between the volume status defined to DFSMSrmm and the status selected during entry processing. In protect mode, DFSMSrmm overrides the entry status with the status from DFSMSrmm. In other running modes, DFSMSrmm updates the status recorded in the control data set using the entry status.

In the message text:

***function***

Describes the function being requested of OAM:

**ENTRY**

Logical volume entry processing

**IMPORT**

Logical volume import processing

***external\_volser***

This is the volume serial number being processing.

**System action**

DFSMSrmm processing continues. The cartridge entry status is used to update the DFSMSrmm control data set.

**Operator response**

Inform the system programmer.

## System programmer response

When you switch DFSMSrmm processing to protect mode, the DFSMSrmm volume status overrides the entry status. If the entry status is correct, you have no action to perform. If the entry status was set incorrectly, you should use DFSMSrmm TSO subcommands to change the volume to the correct status.

### Source

DFSMSrmm

### Module

EDGMLCS

---

**EDG8181I**

***function OF VOLUME external\_volser* REFUSED - IT DUPLICATES  
EXISTING STACKED VOLUME**

### Explanation

DFSMSrmm did not process an OAM installation exit request for the volume. The volume being processed conflicts with an existing volume which is defined to DFSMSrmm. You cannot process stacked volumes by using the OAM installation exits.

In the message text:

#### ***function***

Describes the OAM function that being requested. It can be:

#### **ENTRY**

Cartridge entry processing

#### **IMPORT**

Logical volume import processing

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge exit processing

#### ***external\_volser***

This is the volume serial number that DFSMSrmm is processing.

### System action

DFSMSrmm fails the request and sets a return code. Processing continues with any other volumes which require processing.

### Operator response

Inform the system programmer.

### System programmer response

If the volume is not a stacked volume, you must correct the DFSMSrmm information.

<b>Type of Processing</b>	<b>Response</b>
Import processing	Delete the volume so that import processing automatically defines the volume or use the RMM CHANGEVOLUME volser subcommand with TYPE(LOGICAL) and CONTAINER(stacked_volume).

Type of Processing	Response
Entry processing;	Delete the volume so that entry processing automatically defines the volume or use the RMM subcommands to define the volume as a logical volume in scratch status.
EJECT or CHANGE USE processing	Use the RMM CHANGEVOLUME volser subcommand with TYPE(LOGICAL) or TYPE(PHYSICAL) to correct the volume type.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8182I** *function* OF VOLUME *external\_volser* REFUSED - IT DUPLICATES EXISTING PHYSICAL VOLUME

## Explanation

DFSMSrmm was unable to process an OAM installation exit request for a logical volume. The volume being imported or entered conflicts with an existing volume which is defined to DFSMSrmm.

You can only import a logical volume when:

- It is not defined to DFSMSrmm.
- The volume is defined as an exported logical volume.

You can only enter a logical volume when:

- It is not defined to DFSMSrmm.
- The volume is defined as a scratch logical volume.

In the message text:

### *function*

Describes the function being requested of OAM:

#### **ENTRY**

Logical volume entry processing

#### **IMPORT**

Logical volume import processing

### *external\_volser*

This is the volume serial number being processing.

## System action

DFSMSrmm fails the request and sets a return code. Processing continues with any other volumes which are being imported or entered.

## Operator response

Inform the system programmer.

## System programmer response

If the entry defined to DFSMSrmm is for the volume being processed, you must correct the definition.

For import processing; either delete the volume so that import processing automatically defines it, or use the RMM CHANGEVOLUME volser subcommand with the TYPE(LOGICAL) and CONTAINER(psvolsr) operands.

For entry processing; either delete the volume so that entry processing automatically defines it, or use the RMM subcommands to set the volume to be a logical volume in scratch status.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8183I**

***function OF VOLUME external\_volser REFUSED - IT IS NOT CURRENTLY EXPORTED***

## Explanation

DFSMSrmm was unable to process an OAM installation exit request for the volume. The volume being imported is not recorded in the DFSMSrmm control data set as being currently exported. You can only import a logical volume if it has a value for the 'In container' data field. This value is set during export processing or by using the RMM subcommands.

In the message text:

### ***function***

Describes the function being requested of OAM:

#### **IMPORT**

Logical volume import processing

### ***external\_volser***

This is the volume serial number being processing.

## System action

DFSMSrmm fails the request and sets a return code. Import processing continues to process any other volumes which are being imported from the same stacked volume.

## Operator response

Inform the system programmer.

## System programmer response

If the entry defined to DFSMSrmm is for the volume being imported, you must correct the definition. Either delete the volume so that import processing automatically defines it, or use the RMM CHANGEVOLUME volser subcommand with the CONTAINER(psvolsr) operand.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8184I**

***function OF VOLUME external\_volser REFUSED - IT DUPLICATES AN EXISTING LOGICAL VOLUME***

## Explanation

DFSMSrmm was unable to process an OAM installation exit request for the volume. The volume being entered is either a scratch logical volume or a physical volume. DFSMSrmm has a volume definition which does not agree with this information. You can only enter a logical volume if it has been defined as a scratch volume to DFSMSrmm or is not yet defined to DFSMSrmm. You can only enter a physical volume if it is not defined to DFSMSrmm as a logical volume.

In the message text:

### ***function***

Describes the function being requested of OAM:

#### **ENTRY**

Logical volume entry processing

### ***external\_volser***

This is the volume serial number being processing.

## System action

DFSMSrmm fails the request and sets a return code. Entry processing continues to process any other volumes which are being entered.

## Operator response

Inform the system programmer.

## System programmer response

If the entry defined to DFSMSrmm is for the volume being entered, you must correct the definition. Either delete the volume so that entry processing automatically defines it, or use DFSMSrmm processing to set the volume to the correct status and correct the volume type.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8185I**

***function* OF VOLUME *external\_volser* REFUSED - VOLUME STATUS IS SCRATCH**

## Explanation

DFSMSrmm is processing an OAM installation exit retrieve request for the volume. DFSMSrmm does not support this request for a volume that is in scratch status.

In the message text:

### ***function***

Describes the function being requested of OAM:

#### **RETRIEVE**

Retrieve processing

### ***external\_volser***

This is the volume serial number being processing.

## System action

The request fails and a return code is set so that the job step using the volume fails.

## Operator response

None.

## System programmer response

A volume that is in scratch status cannot be used for input or output processing on the system. If you must use the volume, you can change it from scratch to private status by using the RMM CHANGEVOLUME subcommand with the STATUS operand.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8186I** *function* OF VOLUME *external\_volser* REFUSED - VOLUME HAS EXPIRED AND IS PENDING RELEASE

## Explanation

DFSMSrmm is processing an OAM installation exit retrieve request for the volume. DFSMSrmm does not support this request for a volume that is in the pending release status.

In the message text:

### *function*

Describes the function being requested of OAM.

### **RETRIEVE**

Retrieve processing

### *external\_volser*

This is the volume serial number being processing.

## System action

The request fails and a return code is set so that the job step using the volume fails.

## Operator response

None.

## System programmer response

A volume that is pending release cannot be used for input or output processing on the system. If you must use the volume, you can reclaim it from pending release status by using the RMM CHANGEVOLUME subcommand with the RETPD or EXPDT operands.

## Source

DFSMSrmm



## Module

EDGMLCS

---

**EDG8187I**

***function OF VOLUME external\_volser REFUSED - VOLUME IS WAITING TO BE REINITIALIZED***

## Explanation

DFSMSrmm is processing an OAM installation exit retrieve request for the volume. DFSMSrmm does not support this request for a volume that has the initialize action pending.

In the message text:

### ***function***

Describes the function being requested of OAM.

#### **RETRIEVE**

Retrieve processing

### ***external\_volser***

This is the volume serial number being processing.

## System action

The request fails and a return code is set so that the job step using the volume fails.

## Operator response

None.

## System programmer response

A volume that has the initialize action pending cannot be used for input or output processing on the system. If you must use the volume, you can either complete the initialize action or cancel the initialize action by issuing the RMM CHANGEVOLUME volser INIT(N) subcommand.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8188I**

***\*\*WARNING\*\* function OF VOLUME volser ONLY PERMITTED BECAUSE DFSMSrmm RUNNING IN WARNING MODE***

## Explanation

DFSMSrmm detected an error processing an OAM request for the volume. The error is ignored because DFSMSrmm is running in warning mode.

In the message text:

### ***function***

Describes the OAM function requested. It can be one of:

- ENTRY - cartridge entry processing
- EJECT - cartridge exit processing
- CHANGE USE - volume change use processing
- RETRIEVE - Retrieve processing

**volser**

This is the volume serial number being processing.

**System action**

Processing continues.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that the error is corrected before switching from warning to protect mode.

**Source**

DFSMSrmm

**Module**

EDGMLCS

---

**EDG8189I**

***function* OF VOLUME *external\_volser* REFUSED - VOLUME SERIAL AND RACK NUMBER *rack* DO NOT MATCH**

**Explanation**

DFSMSrmm was unable to process an OAM installation exit request for the volume. DFSMS/MVS limits the volumes entering a system-managed tape library to be standard label with internal and external labels the same. The rack number for the volume is different from the volume serial number.

In the message text:

***function***

Describes the function being requested of OAM. It can be:

**ENTRY**

Cartridge entry processing

**CHANGE USE**

Volume change use processing

**IMPORT**

Logical volume import processing

***rack***

This is the number of the rack that the volume *external\_volser* is assigned to.

***external\_volser***

This is the volume serial number being processed.

**System action**

DFSMSrmm fails the request and sets a return code. If the volume is being entered into an automated tape library, the volume is ejected.

**Operator response**

Inform the system programmer.

## System programmer response

The volume internal and external labels must match the DFSMSrmm rack number or no rack number must be assigned before the volume can be entered into the system-managed tape library. Either change the external label on the ejected volume, or use the DFSMSrmm ISPF dialog or DFSMSrmm TSO subcommands to change or clear the rack number.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8190I** *function OF VOLUME volser REFUSED - INCONSISTENT PARAMETER LIST*

## Explanation

DFSMSrmm found inconsistencies in the OAM parameters passed to it by an OAM installation exit.

In the message text:

### *function*

Describes the function being requested of OAM. It can be:

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge exit processing

#### **ENTRY**

Cartridge entry processing

#### **RETRIEVE**

Retrieve processing

#### **IMPORT**

Logical volume import processing

### *volser*

This is the volume serial number being processing.

## System action

EDGLCSUX performs no function.

## Operator response

Inform the system programmer.

## System programmer response

If you have modified the OAM installation exit, check the parameter list it passes to EDGLCSUX. Otherwise, report the problem to the IBM Support Center.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8191I**

***function OF VOLUME volser REFUSED - VOLUME NOT DEFINED FOR USE ON MVS***

## Explanation

The volume *volser* is defined to DFSMSrmm for use on VM systems only.

In the message text:

### ***function***

Describes the function being requested of OAM. It can be:

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge exit processing

#### **ENTRY**

Cartridge entry processing

#### **RETRIEVE**

Retrieve processing

### ***volser***

This is the volume serial number being processing.

## System action

EDGLCSUX performs no function.

## Operator response

If the volume is required for use on MVS, request that use information for the volume is changed.

## System programmer response

To allow the volume to be used on MVS, use the DFSMSrmm ISPF dialog or RMM CHANGEVOLUME subcommand with the USE operand value MVS.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8192I**

***function OF VOLUME volser REFUSED - REQUIRED DESTINATION IS destination***

## Explanation

DFSMSrmm is in the process of moving the volume *volser* to destination *destination* which is different from the library into which it has been entered.

In the message text:

### ***function***

Describes the function being requested of OAM:

**ENTRY**

Logical volume entry processing

**IMPORT**

Logical volume import processing

***destination***

This is the location where the volume should be moved.

***volser***

This is the volume serial number being processed when DFSMSrmm issued this message.

**System action**

EDGLCSUX does not allow the volume to be entered in the library. If the library is an automated tape library, the volume is ejected.

**Operator response**

If the volume was correctly entered in the library, change the volume's destination.

**System programmer response**

To change the destination, enter the volume in the correct library and then use the DFSMSrmm ISPF dialog or RMM CHANGEVOLUME subcommand with the LOCATION operand.

**Source**

DFSMSrmm

**Module**

EDGMLCS

**EDG8193I**

---

***function* OF VOLUME *volser* REFUSED - VOLUME NOT DEFINED TO  
DFSMSrmm AND REJECT PREFIX DENIES USE**

**Explanation**

DFSMSrmm was unable to find an entry in its DFSMSrmm control data set for the volume *volser*, and the reject prefix specification denies all access to undefined volumes. The REJECT ANYUSE operand might have been specified in the DFSMSrmm parmlib member to define this range of volume serial numbers.

In the message text:

***function***

Describes the function being requested of OAM. It can be:

**CHANGE USE**

Volume change use processing

**EJECT**

Cartridge exit processing

**ENTRY**

Cartridge entry processing

***volser***

This is the volume serial number being processing.

**System action**

EDGLCSUX performs no function.

## Operator response

If the volume was correctly entered in the library, request that it be defined to DFSMSrmm before entering it into the library again.

## System programmer response

To define the volume to DFSMSrmm, use the DFSMSrmm ISPF dialog or RMM ADDVOLUME subcommand to add the volume to the DFSMSrmm control data set.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8194I**

***function OF VOLUME volser REFUSED - VOLUME STATUS MAY ONLY BE CHANGED FROM PRIVATE TO SCRATCH BY DFSMSrmm***

## Explanation

DFSMSrmm was unable to process an OAM request for the volume because the OAM status for the volume is being changed to SCRATCH and the DFSMSrmm status for the volume is MASTER or USER. DFSMSrmm does not allow a volume's status to change from MASTER or USER to SCRATCH by OAM, unless the volume is already a scratch candidate volume. A scratch candidate is pending release and the only pending action is "return to scratch".

In the message text:

### ***function***

Describes the function being requested of OAM.

### **CHANGE USE**

Volume change use processing

### ***volser***

This is the volume serial number being processing.

## System action

EDGLCSUX performs no function.

## System programmer response

If you want the volume to become a SCRATCH volume, use the volume application of the DFSMSrmm ISPF dialog to release the volume. Depending on the release actions for the volume, the volume will return to be a scratch volume when the DFSMSrmm inventory management next runs. If the volume is manually released, it is a scratch candidate, and you can try the failed request again.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8195I**

***function OF VOLUME volser REFUSED - LCS OWNER INFORMATION IS NOT VALID FOR USE BY DFSMSrmm***

## Explanation

DFSMSrmm was unable to process an OAM request for the volume. DFSMSrmm uses the first 8 bytes of the OAM owner information as the volume owner's ID. The first 8 bytes of the owner information does not contain a valid DFSMSrmm owner ID.

In the message text:

### *function*

Describes the function being requested of OAM:

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge eject processing

#### **ENTRY**

Cartridge entry processing

#### **IMPORT**

Logical volume import processing

### *volser*

This is the volume serial number being processed when DFSMSrmm issued this message.

## System action

EDGLCSUX performs no function.

## System programmer response

Correct the first 8 bytes of the owner information to a valid DFSMSrmm owner ID. A DFSMSrmm owner ID consists of 1-to-8 alphanumeric characters. IBM recommends that the owner ID is a RACF user ID or groupname.

## Source

DFSMSrmm

## Module

EDGMLCS

---

**EDG8196I**

***function* OF VOLUME *volser* REFUSED - EXPIRATION DATE EXCEEDS  
THE DFSMSrmm INSTALLATION DEFINED MAXIMUM *days* RETENTION  
PERIOD**

## Explanation

EDGLCSUX was called to process the volume *volser*. DFSMSrmm was unable to process an OAM installation exit entry request for the volume. DFSMSrmm limits the expiration date to be within *days* days of the current date.

In the message text:

### *function*

Describes the function being requested of OAM:

#### **CHANGE USE**

Volume change use processing

#### **EJECT**

Cartridge eject processing

#### **ENTRY**

Cartridge entry processing

**IMPORT**

Logical volume import processing

***volser***

This is the volume serial number being processed when DFSMSrmm issued this message.

***days***

This is the installation maximum retention period on this system.

**System action**

EDGLCSUX performs no function.

**Operator response**

None.

**System programmer response**

Update the expiration date in the tape configuration database (TCDB) using the AMS ALTER VOLUMEENTRY command or ISMF tape library volume application or increase the DFSMSrmm maximum retention period.

**Source**

DFSMSrmm

**Module**

EDGMLCS

---

**EDG8197I****VOLUME *volser* IS NOT DFSMSrmm MANAGED****Explanation**

In support of volume not in library (VNL) processing, the DFSMSrmm subsystem was requested to process a tape volume *volser* that DFSMSrmm does not manage. The CBRUXVNL exit has requested information for the volume and indicated that EDG8197I must be issued if the volume is not defined to DFSMSrmm. Depending on your customization of the CBRUXVNL exit, DFSMSrmm can issue this message for a DASD volume that is not mounted.

In the message text:

***volser***

This is the volume serial number being processed.

**System action**

DFSMSrmm returns information to CBRUXVNL that the volume is not defined to DFSMSrmm. OAM continues processing the volume.

**Operator response**

None.

**System programmer response**

If you want DFSMSrmm to manage volumes, you must define them to DFSMSrmm or allow them to be added automatically during cartridge entry, cartridge eject, and OPEN processing. If this message is issued because a DASD volume was not mounted or has no unit control block, modify the OAM CBRUXVNL exit so that DFSMSrmm is not called when processing the DASD volumes. For a description of CBRUXVNL and how it can be used to



optimize how exit detects and manages tape volumes and tape unit names, see the description for CBRUXVNL in the *z/OS DFSMSrmm Implementation and Customization Guide*.

## Source

DFSMSrmm

## Module

EDGMLCS

**EDG8198I**

---

***function OF VOLUME external\_volser REFUSED - RACK NUMBER  
ALREADY IN USE FOR VOLUME volser***

## Explanation

DFSMSrmm was unable to process an OAM installation exit request for the volume. DFSMS/MVS only allows volumes with standard labels and the same internal and external labels to be entered into a system-managed tape library. DFSMSrmm has found an entry in its DFSMSrmm control data set for a volume that already has a rack number the same as the value of the *external\_volser*.

In the message text:

### ***function***

Describes the function being requested of OAM. It can be:

#### **CHANGE USE**

Volume change use processing

#### **ENTRY**

Cartridge entry processing

#### **IMPORT**

Logical volume import processing

### ***external\_volser***

This is the identifier that has been taken from the label on the outside of the tape cartridge by the library vision system.

### ***volser***

This is the volume serial number that DFSMSrmm found to be already associated with the rack number of the same identifier as the *external\_volser*.

## System action

DFSMSrmm fails the request and sets a return code. If the volume is being entered into an automated tape library, the volume is ejected.

## Operator response

Inform the system programmer.

## System programmer response

The conflict between the volumes, the internal labels, external labels, and the DFSMSrmm control data set must be corrected before the volume can be reentered into the automated tape library. You will either need to change the external label on the ejected volume, or make changes to the DFSMSrmm control data set, so that the volume can be reentered without conflict.

## Source

DFSMSrmm

## Module

EDGMLCS

---

EDG8199I

***function OF VOLUME external\_volser REFUSED - DOES NOT HAVE STANDARD LABELS***

## Explanation

DFSMSrmm was unable to process an OAM installation exit entry request for the volume. DFSMS/MVS limits the volumes entering a system-managed tape library to be standard label with internal and external labels the same. The volume does not have a standard label according to information recorded in the DFSMSrmm control data set.

In the message text:

### ***function***

Describes the function being requested of OAM. It can be:

#### **CHANGE USE**

Volume change use processing

#### **ENTRY**

Cartridge entry processing

### ***external\_volser***

This is the identifier read from the label on the outside of the tape cartridge by the library vision system for an automated system-managed tape library, or is the volume serial number provided for insert of a volume in a manual system-managed tape library.

## System action

The request fails and the return code is set so that the volume is ejected.

## Operator response

Inform the system programmer.

## System programmer response

You can make changes to the DFSMSrmm control data set label information for the volume so that the volume can be entered without error. Use the DFSMSrmm ISPF dialog or the RMM CHANGEVOLUME subcommand with the LABEL operand.

## Source

DFSMSrmm

## Module

EDGMLCS

---

EDG8200E

***DFSMSrmm INACTIVE DURING CATALOG PROCESSING FOR DATA SET data\_set\_name CATSYNCH CDS***

## Explanation

DFSMSrmm is not active and is unable to keep data set catalog information current in the DFSMSrmm control data set.

In the message text:

**data\_set\_name**

Is the DFSMSrmm recorded data set name.

**System action**

Catalog processing continues without notifying the DFSMSrmm subsystem.

**Operator response**

Notify the system programmer.

**System programmer response**

If you use retention policies based on catalog status defined by vital record specifications with the WHILECATALOG operand, or you specified OPTION UNCATALOG(Y) or UNCATALOG(S) in the EDGRMMxx parmlib member, or if you have data sets with WHILECATALOG(ON) or WHILECATALOG(UNTILEXPIRED) specified, ensure that EDGHSKP CATSYNCH is used to synchronize the DFSMSrmm control data set with the user catalogs before vital records selection processing is run.

**Source**

DFSMSrmm

**Module**

EDGCATXT

---

**EDG8201E DFSMSrmm SUBSYSTEM REQUEST FAILED RETURN CODE *return\_code* RMM\_return\_code RMM\_reason\_code DURING CATALOG PROCESSING FOR DATA SET *data\_set\_name* CATSYNCH CDS**

**Explanation**

During catalog update processing, DFSMSrmm needs to keep data set catalog information up-to-date in the DFSMSrmm control data set. Because the DFSMSrmm subsystem request failed, it was unable to update the DFSMSrmm control data set.

In the message text:

**return\_code**

The MVS subsystem processing return code (the value in Register 15 after the IEFSSREQ macro completes).

**RMM\_return\_code**

The DFSMSrmm subsystem processing return code (the value in Register 0 after the IEFSSREQ macro completes).

**RMM\_reason\_code**

The DFSMSrmm subsystem processing reason code (the value in the SSOB extension after the IEFSSREQ macro completes).

**data\_set\_name**

Is the DFSMSrmm recorded data set name.

**System action**

Catalog processing continues without notifying the DFSMSrmm subsystem.

**Operator response**

Notify the system programmer.

## System programmer response

See *z/OS MVS Using the Subsystem Interface* for the return codes from the IEFSSREQ macro and take the appropriate action. The DFSMSrmm return and reason codes are provided for IBM problem analysis information. If you use VRS WHILECATALOG retention policies, you should ensure that EDGHSKP CATSYNCH is used to synchronize the DFSMSrmm control data set with the user catalogs before vital records selection processing is run. If you use retention policies based on catalog status defined by vital record specifications with the WHILECATALOG operand, or you specified OPTION UNCATALOG(Y) or UNCATALOG(S) in the EDGRMMxx parmlib member, or if you have data sets with WHILECATALOG(ON) or WHILECATALOG(UNTILEXPIRED) specified, ensure that EDGHSKP CATSYNCH is used to synchronize the DFSMSrmm control data set with the user catalogs before vital records selection processing is run.

## Source

DFSMSrmm

## Module

EDGCATXT

---

<b>EDG9001I</b>	<b>MESSAGE PROCESSING ROUTINE CALLED WITH UNDEFINED MESSAGE NUMBER <i>message_number</i></b>
-----------------	--

## Explanation

DFSMSrmm tried to issue a message that could not be found in the DFSMSrmm message table.

In the message text:

### ***message\_number***

The message number that could not be found

## System action

Control is returned to the caller with return code 4 in register 15.

## Operator response

Inform the system programmer.

## System programmer response

Check that messages module EDGMTAB is installed.

## Source

DFSMSrmm

## Module

EDGCMMSG

---

<b>EDG9111I</b>	<b>INVALID PDA TRACE RECORD ENCOUNTERED IN DFSMSrmm PDA TRACE FACILITY</b>
-----------------	--

## Explanation

An invalid trace record was found while processing trace entries. The record is discarded.

**System action**

The invalid trace record is ignored.

**Operator response**

None.

**System programmer response**

If this error continues, report it to the IBM Support Center.

**Source**

DFSMSrmm

**Module**

EDGPDO

---

<b>EDG9112I</b>	<b>INVALID REQUEST SENT TO ESTAE ROUTINE FROM DFSMSrmm PDA TRACE FACILITY</b>
-----------------	---

**Explanation**

An invalid request was sent to the ESTAE routine from DFSMSrmm PDA trace facility.

**System action**

If ESTAE was previously active for the PDA trace facility, processing continues and the ESTAE environment remains active. If ESTAE was not previously established, no ESTAE environment exists and the PDA facility is disabled.

**Operator response**

None.

**System programmer response**

If the error continues, report it to the IBM support center.

**Source**

DFSMSrmm

**Module**

EDGPDO

---

<b>EDG9113I</b>	<b>REQUEST TO CANCEL ESTAE ROUTINE FOR DFSMSrmm PDA TRACE FACILITY FAILED</b>
-----------------	---

**Explanation**

The ESTAE environment remains active.

## System action

If ESTAE was previously active for the PDA trace facility, processing continues and the ESTAE environment remains active.

## Operator response

None.

## System programmer response

If the error continues, report it to the IBM support center.

## Source

DFSMSrmm

## Module

EDGPDO

---

**EDG9114I**

**error PROCESSING DFSMSrmm PROBLEM DETERMINATION OUTPUT  
DATA SET**

## Explanation

While writing to the output data set, DFSMSrmm encountered an I/O error or an ABEND.

In the message text:

### **error**

Can be:

- I/O ERROR
- ABEND *abend\_code*

The abend code DFSMSrmm has detected.

## System action

On non-consecutive occurrences, DFSMSrmm swaps the EDGPDOX and EDGPDOY output data sets and makes one attempt to retry the output operation. For consecutive failures, the output data set is considered no longer usable. Internal tracing continues, however, no trace data blocks are written to the output data set.

## Operator response

None.

## System programmer response

If the ABEND code is X'37', no action is required.

If the ABEND code is not X'37', see [z/OS MVS System Codes](#) for more information about abend codes.

For an I/O error, you can determine the cause of the I/O error from the related messages.

If you need to recreate the EDGPDOX and EDGPDOY output data sets, you can either stop and restart DFSMSrmm, or you can increase the size of data sets without stopping DFSMSrmm. See [Increasing the size of the Problem Determination Aid \(PDA\) Log Data Sets in z/OS DFSMSrmm Implementation and Customization Guide](#) for more information.

## Source

DFSMSrmm

## Module

EDGPDO

---

### EDG9115I

**I/O action FOR DFSMSrmm PROBLEM DETERMINATION OUTPUT DATA SET, REASON CODE *reason\_code***

## Explanation

DFSMSrmm determines that the output data set is unusable because of an error defined by *reason\_code*.

In the message text:

### **action**

Is one of:

- DISABLED - The trace records are no longer written to the output data set.
- INHIBITED - The trace record being processed is not written to the output data set.

### **reason\_code**

Is one of:

1. JFCB read error or DD DUMMY specified for the EDGPDOY data set.
2. JFCB read error or DD DUMMY specified for the EDGPDOX data set.
3. A failure occurred while attempting to open the EDGPDOX data set.
4. A failure occurred while attempting to write to the EDGPDOX data set. Message EDG9114I was issued previously.
5. A failure occurred while attempting to switch the EDGPDOX and EDGPDOY data sets. Message EDG9116I was issued previously.
6. There is a deallocation error on the EDGPDOY data set.
7. There is a deallocation error on the EDGPDOX data set.
8. There is an allocation error on the EDGPDOX data set.
9. The EDGPDOX data set is extended format.
10. The EDGPDOY data set is extended format.
11. There is an OBTAIN error for a PDA data set.

## System action

Internal tracing continues; however, no trace data blocks are written to the output data set.

## Operator response

None.

## System programmer response

For reason codes 1 and 2, make sure a valid DD statement exists in the DFSMSrmm startup procedure for EDGPDOX and EDGPDOY. For the other reason codes, refer to the associated messages to determine the cause of the problem.

When the problem is corrected, you can either stop and restart DFSMSrmm to enable PDA trace output processing, or you can increase the size of the EDGPDOX and EDGPDOY data sets without stopping DFSMSrmm. See [Increasing the size of the Problem Determination Aid \(PDA\) Log Data Sets in z/OS DFSMSrmm Implementation and Customization Guide](#) for more information.

## Source

DFSMSrmm

## Module

EDGPDO

---

**EDG9116I**

**RENAME ERROR SWAPPING DFSMSrmm PDA DATA SETS OLD DATA SET = *olddsname*, NEW DATA SET = *newdsn*, RETURN CODE *return\_code* REASON CODE *reason\_code***

## Explanation

During an attempt to swap the EDGPDOX/EDGPDOY output data sets, an error was encountered in the rename function.

In the message text:

### ***olddsname***

The original data set name that the RENAME macro is changing.

### ***newdsn***

The new data set name that the RENAME macro is creating.

### ***return\_code***

The register 15 return code from the RENAME macro.

### ***reason\_code***

The status value from the RENAME CAMLST request.

## System action

Internal tracing continues but no trace data blocks are written to the output data set. DFSMSrmm processing continues.

## Operator response

None.

## System programmer response

Refer to *z/OS DFSMSdfp Advanced Services* for the meaning of the status value from the RENAME, to determine the problem. You can also ensure that the EDGPDOX data set and the EDGPDOY data sets are on the same volume.

If your installation procedures require that DFSMSrmm problem determination aid data is to be recorded in the output data sets, stop and restart DFSMSrmm.

You can also see Increasing the size of the Problem Determination Aid (PDA) Log Data Sets in *z/OS DFSMSrmm Implementation and Customization Guide* for more information.

## Source

DFSMSrmm

## Module

EDGPDO

---

**EDG9117I**

**PROBLEM DETERMINATION OUTPUT DATA SETS SWAPPED**



## Explanation

DFSMSrmm renames the EDGPDOX data set to the EDGPDOY data set name and the EDGPDOY data set to the EDGPDOX data set name.

## System action

Processing continues with trace output data being written to the data set currently identified by the EDGPDOX data set name.

## Operator response

None.

## System programmer response

The data set named by the EDGPDOY DD statement can be dumped or archived at this time using local procedures.

## Source

DFSMSrmm

## Module

EDGPDO

---

**EDG9118I**

***SYNADAF-diagnostic***

## Explanation

An I/O error was encountered while DFSMSrmm was reading or writing a data set. The SYNADAF macro was issued to analyze the error. The diagnostic message returned from the SYNADAF macro is the message text.

## System action

The read or write fails. DFSMSrmm processing continues.

## Operator response

None.

## System programmer response

Determine the cause of the problem and retry the operation after corrective action has been taken. See [z/OS DFSMS Macro Instructions for Data Sets](#) for a description of the message format.

## Source

DFSMSrmm

## Module

EDGPDO

---

**EDG9119I**

**SETUP OF ESTAE ENVIRONMENT FOR PDA TRACE FACILITY FAILED,  
RETURN CODE *return\_code***



## Module

EDGPARS

---

**EDG9902I**

**PARSE SUBTASK FAILED COMPLETION CODE *Ssystem\_code* *Uuser\_code***

## Explanation

The DFSMSrmm parse routine failed.

In the message text:

### ***system\_code***

A code issued by a system component

### ***user\_code***

A code issued by DFSMSrmm

## System action

Processing continues after attempting to write a dump of the address space to SYS1.DUMPnn.

## Operator response

Inform the system programmer.

## System programmer response

This message might occur because of an error in specifying the external file to DFSMSrmm, such as providing a non-existent member name. In this case, other messages on the SYSLOG will indicate the cause of the problem. If this is not the case, contact the IBM Support Center, saving any dump that was created.

## Source

DFSMSrmm

## Module

EDGPARS

---

**EDG9903E**

**ERROR IN MESSAGE PROCESSING ROUTINE RETURN CODE  
*return\_code***

## Explanation

An attempt to issue a message failed with the return code contained in the message text.

In the message text:

### ***return\_code***

Value returned indicating the results of processing

## System action

Processing continues.

## Operator response

Inform the system programmer.





**java\_exception**

Identifies the IOException.

**orig\_msg\_text**

Identifies the original Java error message text.

**System action**

Because basic settings are incomplete, the CIM provider ignores all client requests and returns no instances.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that the configuration file, `rmm.properties`, is either located in the provider's home directory or, if it is located within `/var/rmm`, correctly specified by the environmental variable `RMMCIM_CONFIG=/var/rmm/rmm.properties`.

**Source**

DFSMSrmm

**Module**

EDGXHJCP

---

**EDGC0007I**

**The option file *file\_name* could not be found - *java\_exception* - *orig\_msg\_text***

**Explanation**

The option file that stores customer related CIM provider settings is not located in the directory, as specified in the configuration file.

In the message text:

***file\_name***

The fully qualified name of the option file (normally `/etc/rrm/rmmcust.properties`).

***java\_exception***

IOException.

***orig\_msg\_text***

The original Java error message text.

**System action**

Because customer settings are incomplete, the CIM-provider ignores all client requests and returns no instances.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that the option file, `rmmcust.properties`, is located in the path, as specified in the configuration.



**orig\_msg\_text**

Identifies the original Java error message text.

**System action**

The CIM provider returns no instances.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that the following features of the XMLHandler are valid (setXmlValidation()-method):

- [XML sax features validation \(xml.org/sax/features/validation\)](http://xml.org/sax/features/validation)
- [Apache features validation schema \(apache.org/xml/features/validation/schema\)](http://apache.org/xml/features/validation/schema)

**Source**

DFSMSrmm

**Module**

EDGXHJCP

---

**EDGC0011I**

**Errors occurred during loading of the XML schema file *file\_name* –  
*java\_exception* – *orig\_msg\_text***

**Explanation**

The XML schema file used for validation and translation purposes is not located in the directory as specified in the configuration file, or its contents are wrong.

In the message text:

***file\_name***

Identifies the fully qualified name of the XML schema file.

***java\_exception***

Identifies the exception as either SAXException or IOException.

***orig\_msg\_text***

Identifies the original Java error message text.

**System action**

Because the XML schema file could not be loaded successfully, the CIM provider ignores all client requests and returns no instances.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that the XML schema file (specified in **rmm.properties**) exists, is well-formed, and has a correct header.

**Source**

DFSMSrmm



## Module

EDGXHJCP

---

**EDGC0012I**

**No resource bundle class found – *java\_exception* – *orig\_msg\_text***

## Explanation

Neither the localized message resource class, **com.ibm.rmmcim.RmmResourceBundle\_locale**, nor the default resource class, **com.ibm.rmmcim.RmmResourceBundle**, could be found.

In the message text:

### ***java\_exception***

Identifies the MissingResourceException.

### ***orig\_msg\_text***

Identifies the original Java error message text.

## System action

The CIM provider is not initialized and fails.

## Operator response

Inform the system programmer.

## System programmer response

Ensure that the message library, **rmmmsgs.jar**, is included in the classpath.

## Source

DFSMSrmm

## Module

EDGXHJCP

---

**EDGC0013I**

**The logger configuration file *file\_name* could not be found –  
*java\_exception* – *orig\_msg\_text***

## Explanation

The logger configuration file that stores the logger properties is not located in the directory as specified in the configuration file.

In the message text:

### ***file\_name***

Identifies the fully qualified name of the logger configuration file (normally /etc/rrm/rmmlog.properties).

### ***java\_exception***

Identifies the IOException.

### ***orig\_msg\_text***

Identifies the original Java error message text.

## System action

The CIM provider ignores all client requests and returns no instances.



In the message text:

***method\_name***

Identifies the name of the failing method.

***java\_exception***

Identifies the SAXParseException.

**System action**

The CIM provider ignores this request and returns no instances.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that the XML schema is valid and that the response from DFSMSrmm matches it.

**Source**

DFSMSrmm

**Module**

EDGXHJCP

---

**EDGC0016I**

**The SAX parser encountered a fatal error in method – *method\_name* –  
*java\_exception***

**Explanation**

The XML error handler detected a non-recoverable fatal error event during parsing. This is typically a violation of the well-formedness constraint.

In the message text:

***method\_name***

Identifies the name of the failing method.

***java\_exception***

Identifies the SAXParseException.

**System action**

The CIM provider ignores this request and returns no instances.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that the XML response from DFSMSrmm is well-formed.

**Source**

DFSMSrmm

## Module

EDGXHJCP

---

**EDGC00171**

**The key *key\_name* could not be found in resource bundle class *resource\_name* – *java\_exception***

## Explanation

The specified key name is not a valid key of the actual resource bundle class.

In the message text:

### ***key\_name***

Identifies the message ID of the error message that was used as an entry into the resource class.

### ***resource\_name***

Identifies the name of the Java resource class.

### ***java\_exception***

Identifies the MissingResourceException.

## System action

The CIM provider ignores this request and returns no instances.

## Operator response

Inform the system programmer.

## System programmer response

Ensure that the actual localized resource bundle class contains the key.

## Source

DFSMSrmm

## Module

EDGXHJCP

---

**EDGC00181**

**The UDDI-inquiry-URL *inquiry\_url* is not valid – *java\_exception* – *orig\_msg\_text***

## Explanation

The specified UDDI inquiry URL found within the option file is not formed as a valid URL address.

In the message text:

### ***inquiry\_url***

Identifies the fully-specified URL of the UDDI-registry's inquiry destination.

### ***java\_exception***

Identifies the MalformedURLException.

### ***orig\_msg\_text***

Identifies the original Java error message text.

## System action

Because web services are discovered through UDDI, but this UDDI inquiry URL is malformed, the CIM provider ignores this request and returns no instances.



### **System action**

Because the requested object is not specified with all required keys, the CIM provider returns no instances.

### **Operator response**

Inform the system programmer.

### **System programmer response**

Ensure that the required key is not empty or numeric if necessary.

### **Source**

DFSMSrmm

### **Module**

EDGXHJCP

### **Routing code**

N/A

---

**EDGC0022I**

**The entry *rmm\_resource* is not defined to DFSMSrmm**

### **Explanation**

An instance of a DFSMSrmm resource is requested, which is not known to the CDS.

In the message text:

#### ***rmm\_resource***

A DFSMSrmm resource.

### **System action**

The CIM-provider returns no instance.

### **Operator response**

Inform the system programmer.

### **System programmer response**

Ensure that the resource is an entry in the DFSMSrmm control data set, or start from a previous list of existing instances.

### **Source**

DFSMSrmm

### **Module**

EDGXHJCP

---

**EDGC0023I**

**No Web Service URL is specified in the client**

## Explanation

The destination end point was not set before making use of a web service method.

## System action

Because the web service destination was not set, the CIM provider returns no instance.

## Operator response

Inform the system programmer.

## System programmer response

Ensure that the setEndPoint() method is invoked before calling runCommandXml() with a valid web service url.

## Source

DFSMSrmm

## Module

EDGXHJCP

---

**EDGC0024I**

**Missing key\_name for rmm\_resource**

## Explanation

An instance of a DFSMSrmm resource is requested, and keys are missing or wrong.

In the message text:

### **key\_name**

This is the name of the missing key attribute.

### **rmm\_resource**

The requested DFSMSrmm resource, such as a volume, data set, location, owner etc.

## System action

Because the requested object is not specified with all required keys, the CIM provider returns no instance.

## Operator response

Inform the system programmer.

## System programmer response

Ensure all required keys (local or non-inherited keys set from DFSMSrmm) of the CIM object are filled with a value.

## Source

DFSMSrmm

## Module

EDGXHJCP

## Routing code

N/A

---

**EDGC0025I**

**Class *class\_name* not supported**

## Explanation

A provider is called to service a CIM class, which is not supported.

### *class\_name*

The incoming CIM class name.

## System action

Because the provider cannot handle that class, it terminates and issues the error message.

## Operator response

Inform the system programmer.

## System programmer response

Ensure the providers are registered properly. Offering the provider an unsupported class is usually either a cimom error or a provider registration error.

## Source

DFSMSrmm

## Module

EDGXHJCP

## Routing code

N/A

---

**EDGC0026I**

**Namespace *namespace* not supported**

## Explanation

A provider is called to service a CIM class. That namespace is not supported.

### *namespace*

The namespace of the incoming CIM class.

## System action

Because the provider cannot handle that class, it terminates and throws the error message.

## Operator response

Inform the system programmer.

## System programmer response

Ensure that the namespace of the incoming CIM objects match the environmental variable RMMCIM\_NAMESPACE, if set; otherwise it must be the default root/cimv2.



**Source**

DFSMSrmm

**Module**

EDGXHJCP

**Routing code**

N/A

---

**EDGC0027I** Instance *path\_name* not found**Explanation**

An instance of an auxiliary class IBMrmm\_SearchOperands or IBMrmm\_DeleteOperands is requested, but not found.

***path\_name***

The full path name of the requested CIM instance.

**System action**

The CIM provider fails.

**Operator response**

Inform the system programmer.

**System programmer response**

Ensure that the MOF file rmmcimp.mof contains the instances for auxiliary classes and is loaded properly. Check the existence of the instances with the DFSMSrmm utility script rmmutil.sh.

**Source**

DFSMSrmm

**Module**

EDGXHJCP

**Routing code**

N/A

---

**EDGC0028I** Environmental variables could not be read**Explanation**

The invocation of the *printenv* utility failed to list the environmental variables.

**System action**

The CIM provider fails.

**Operator response**

Inform the system programmer.



## Explanation

The control information of a DFSMSrmm system is requested, but the specified system name is not found.

In the message text:

### ***system\_name***

The name of the DFSMSrmm system.

## System action

The CIM provider returns no instances.

## Operator response

Specify a known system name.

## System programmer response

Ensure that a unique system name is assigned to each DFSMSrmm system in your installation, and specify a known system name in the client request.

## Source

DFSMSrmm

## Module

EDGXHJCP

## Routing code

N/A

---

**EDGC0031I**

**Key *key\_name* is not of the required format *key\_format***

## Explanation

When invoking a CIM instance or association provider method against a specific instance, the client provided a compound key of incorrect format. Every DFSMSrmm CIM class has its own compound key incorporating the CdsID value and the key must comply with the format specific for every class.

In the message text:

### ***key\_name***

Identifies the name of the compound key.

### ***key\_format***

Identifies the format the compound key must comply with.

## System action

The request fails because the provider cannot identify which entity to process.

## Operator response

Provide the compound key with the value corresponding to the required format and invoke the request again.

## System programmer response

None.

**Source**

DFSMSrmm

**Module**

EDGXHJCP

**Routing code**

N/A

---

**EDGC0032I** Part *part\_name* of key *key\_name* should be a *num*-character string

**Explanation**

When invoking a CIM instance or association provider method against a specific instance, the client provided the part of the compound key of incorrect length. Every DFSMSrmm CIM class has its own compound key incorporating the CdsID value and every part of the key must have specific size.

In the message text:

***part\_name***

Identifies the name of the part of the compound key.

***key\_name***

Identifies the name of the compound key.

***num***

Identifies the required length of the compound key.

**System action**

The request fails because the provider cannot identify which entity to process.

**Operator response**

Provide the compound key with the value corresponding to the required format and invoke the request again.

**System programmer response**

None.

**Source**

DFSMSrmm

**Module**

EDGXHJCP

**Routing code**

N/A

---

## Chapter 3. EDGH messages

---

**EDGH1001I**

**REJECT definitions found on this system - No migration action is required**

### Explanation

The migration check used the LISTCONTROL REJECT subcommand to verify that you have REJECT commands defined in the DFSMSrmm parmlib member. When you have REJECT commands defined you do not need a migration action when migrating to z/OS V1R10 or a later release.

However, you should consider exploitation of the new PRTITION and OPENRULE commands to replace your existing REJECT commands.

### System action

The system continues processing.

### Operator response

none

### System programmer response

Not applicable.

### Problem determination

Not applicable.

### Source

DFSMSrmm

### Module

EDGRHCHK

### Routing code

Not applicable.

### Descriptor code

Not applicable.

### Automation

Not applicable.

### Reference documentation

*[z/OS DFSMSrmm Implementation and Customization Guide](#)*

---

**EDGH1002I**

**DFSMSrmm subsystem is not active**

## Explanation

Check processing included issuing a DFSMSrmm TSO RMM subcommand which requires that the DFSMSrmm subsystem is active.

## System action

The system continues processing.

## Operator response

Start the DFSMSrmm subsystem.

## System programmer response

Not applicable.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS DFSMSrmm Managing and Using Removable Media.*

---

**EDGH1003I**

**User *user\_id* is not authorized to issue the RMM *cmd* subcommand**

## Explanation

Check processing included issuing a DFSMSrmm TSO RMM subcommand which requires that the user issuing the subcommand be authorized to do so.

## System action

The system continues processing.

## Operator response

Not applicable.

## System programmer response

Ensure that the correct authorization is defined for the subcommands used by the check. Most checks use LIST and SEARCH subcommands. The authorization required is listed in [z/OS DFSMSrmm Managing and Using Removable Media](#) for each subcommand and is as follows.

For LISTCONTROL:

- CONTROL access to STGADMIN.EDG.LISTCONTROL in the FACILITY class, **or**
- CONTROL access to STGADMIN.EDG.MASTER in the FACILITY class

For SEARCHVRS:

- READ access to STGADMIN.EDG.VRS in the FACILITY class

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

[z/OS DFSMSrmm Managing and Using Removable Media](#) and [z/OS DFSMSrmm Implementation and Customization Guide](#).

---

**EDGH1004I****Entry code *entry\_code* is not supported**

## Explanation

The DFSMSrmm check routine EDGRHCHK has been called with an unsupported entry code.

## System action

The system continues processing.

## Operator response

Not applicable.

## System programmer response

Verify that no-one has updated the check manually. When the error is not an installation problem run the check again. If the problem still exists the error may be in the check itself. Search problem reporting data bases for a fix for the problem. If a fix does not exist, call the IBM Support Center. Provide the messages, the logrec data set record, the syslog output for the check, the REXXOUT data set, and the dump, if one was taken.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS DFSMSrmm Implementation and Customization Guide*

---

<b>EDGH1005I</b>	<b>RMM subcommand subcommand failed - Return code <i>rc</i> Reason code <i>rsn</i></b>
------------------	--

## Explanation

The DFSMSrmm check routine EDGRHCHK has attempted to use an DFSMSrmm TSO RMM subcommand as part of check processing and the subcommand has failed with the return code and reason code listed in the message text.

Reason code values of 9999 and 9998 are special values set by the check to indicate that no EDG@RC variable was available for the subcommand.

## System action

The system continues processing.

## Operator response

Not applicable.

## System programmer response

Look up the return code and reason code values in the referenced documentation to determine the cause of the problem. Correct the problem before retrying the check.



## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*[z/OS DFSMSrmm Managing and Using Removable Media](#)*

---

**EDGH1006I**

**The following report lists VRSeS which conflict with the z/OS V1R10 support for DELETED tape data sets**

## Explanation

The DFSMSrmm check routine has found a possible migration action and lists the VRSeS it has found.

The report lists the results of the SEARCHVRS subcommands issued by the check so that you can review the list of VRSeS which conflict with the new DELETED tape data set support.

The SEARCHVRS commands issued by the check are:

```
RMM SEARCHVRS DSNAME('DELETED') OWNER(*) LIMIT(*)  
RMM SEARCHVRS JOBNAME(DELETED) OWNER(*) LIMIT(*)
```

## System action

The system continues processing.

## Operator response

Not applicable.

## System programmer response

Review the report which follows to determine which VRSeS should be changed prior to implementation of z/OS V1R10 or later release.

## Problem determination

Not applicable.

**Source**

DFSMSrmm

**Module**

EDGRHCHK

**Routing code**

Not applicable.

**Descriptor code**

Not applicable.

**Automation**

Not applicable.

**Reference documentation**

*z/OS DFSMSrmm Managing and Using Removable Media*

---

**EDGH1007I**

**No VRSeS conflict with the DELETED tape data set support - No migration action is required**

**Explanation**

The migration check used SEARCHVRS subcommands to verify that you do not have any VRSeS using DELETED as the data set name or job name. When you do not use DELETED you do not need a migration action when migrating to z/OS V1R10 or later release.

However, you should consider exploitation of the new DELETED tape data set support which can be enabled by defining VRSeS which use DSNAME('DELETED') or JOBNAME(DELETED).

**System action**

The system continues processing.

**Operator response**

none

**System programmer response**

Not applicable.

**Problem determination**

Not applicable.

**Source**

DFSMSrmm

**Module**

EDGRHCHK

**Routing code**

Not applicable.

**Descriptor code**

Not applicable.

**Automation**

Not applicable.

**Reference documentation**

*z/OS DFSMSrmm Managing and Using Removable Media*

---

**EDGH1008I****Volume replace limit is not customized - No migration action is required****Explanation**

The migration check used AMASPZAP to verify whether a usermod has updated the DFSMSrmm EDGMUPD load module to override the volume replace limit of 1 permanent error. When you do not have a user modification you do not require a migration action when migrating to z/OS V1R10 or later release.

However, you should consider exploitation of the new volume REPLACE options available via the MEDINF command in parmlib.

**System action**

The system continues processing.

**Operator response**

none

**System programmer response**

Not applicable.

**Problem determination**

Not applicable.

**Source**

DFSMSrmm

**Module**

EDGRHCHK

**Routing code**

Not applicable.

**Descriptor code**

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS DFSMSrmm Implementation and Customization Guide*

---

**EDGH1009I****Utility load\_module ended with Return code rc**

## Explanation

The DFSMSrmm check routine EDGRHCHK has attempted to use an external utility as part of check processing to verify the contents of a DFSMSrmm load module. The utility has ended with the return code listed in the message text.

## System action

The system continues processing.

## Operator response

Not applicable.

## System programmer response

Look up the return code in the referenced document to determine the cause of the problem. Correct the problem before retrying the check.

## Problem determination

You can run the check with DEBUG=ON so that the SYSPRINT is listed to the REXXOUT data set.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS MVS Diagnosis: Tools and Service Aids*

---

**EDGH1010I****Allocation of files failed Return code rc**

## Explanation

The DFSMSrmm check routine EDGRHCHK has attempted to use the TSO ALLOCATE command as part of check processing to prepare for running the AMASPZAP utility and one of the commands has failed with the return code listed in the message text.

## System action

The system continues processing.

## Operator response

Not applicable.

## System programmer response

Use the return code to determine the cause of the problem and correct the problem before retrying the check.

## Problem determination

You can run the check with DEBUG=ON and VERBOSE=YES so that more diagnosis information is available via the REXXOUT data set.

DEBUG=ON enables Rexx Trace Intermediates, and VERBOSE=YES enables Rexx Trace Results. You must specify DEBUG=ON if you want to see the REXXOUT data set. The REXXOUT data set is named:

IBMRMM.EDGRHCHK.REXXOUT.E2

unless you have overridden the data set high level qualifier.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS MVS Diagnosis: Tools and Service Aids*

---

**EDGH1011I**

***debug\_verbose* option is in use - See REXXOUT data set *rexkout***

## Explanation

The DFSMSrmm check routine EDGRHCHK has detected that either DEBUG, or DEBUG and VERBOSE, are set on requesting additional diagnostic information. Health checker has allocated a REXXOUT data set and the system and the check will write additional messages to the data set.

## System action

The system continues processing.

## Operator response

Not applicable.

## System programmer response

Use the results of the check and the contents of the REXXOUT data set to determine the cause of the problem and correct the problem before retrying the check.

You can use the SDSF CK command to view, manage, and display check information.

## Problem determination

You can run the check with DEBUG=ON and VERBOSE=YES, so that more diagnosis information is available via the REXXOUT data set.

DEBUG=ON enables Rexx Trace Intermediates, and VERBOSE=YES enables Rexx Trace Results. You must specify DEBUG=ON if you want to see the REXXOUT data set. The REXXOUT data set is named:

IBMRMM.EDGRHCHK.REXXOUT.E2

unless you have overridden the data set high level qualifier.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS MVS Diagnosis: Tools and Service Aids*

---

**EDGH1012I**

**Wrong level of load\_module found in LINKLIB data set linklib\_dsname**

## Explanation

The DFSMSrmm check routine EDGRHCHK has attempted to verify whether the load module has been customized locally.

*load\_module* is one of the following values:

### EDGMUPD

For health check ZOSMIGV1R10\_RMM\_VOL\_REPLACE\_LIMIT, the load module EDGMUPD does not contain the string 'LIMIT=' at the expected offset in the module.

### EDGVREC

For health check ZOSMIGV1R11\_RMM\_DUPLICATE\_GDG, the load module EDGVREC does not contain the external symbol ZPSWITCH.

*linklib\_dsname* is either SYS1.LINKLIB or the library you specified via PARM('LINKLIB(*linklib\_dsname*)').

## System action

The system continues processing.

## Operator response

Not applicable.

## System programmer response

The check ZOSMIGV1R10\_RMM\_VOL\_REPLACE\_LIMIT should only be run on a release of z/OS earlier than z/OS V1.10.

The check ZOSMIGV1R11\_RMM\_DUPLICATE\_GDG should only be run on a release of z/OS earlier than z/OS V1.11.

## Problem determination

You can run the check with DEBUG=ON and VERBOSE=YES so that more diagnosis information is available via the REXXOUT data set.

DEBUG=ON enables REXX Trace Intermediates, and VERBOSE=YES enables REXX Trace Results. You must specify DEBUG=ON if you want to see the REXXOUT data set. The REXXOUT data set is named:

```
IBMRMM.EDGRHCHK.REXXOUT.E2
```

unless you have overridden the data set high level qualifier.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS MVS Diagnosis: Tools and Service Aids*

---

**EDGH1013I****No EDGVREC customization found - No migration action is required**

## Explanation

The migration check used AMASPZAP to verify whether a usermod has updated the DFSMSrmm EDGVREC load module to override the duplicate gdg options flag ZPSWITCH. When you do not have a user modification you do not require a migration action when migrating to z/OS V1.11 or later release.

However, you should consider exploitation of the new parmlib option GDG to tailor how generation data groups are handled for cycle retention by VRSEL processing.

## System action

The system continues processing.

## Operator response

none

## System programmer response

Not applicable.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS DFSMSrmm Implementation and Customization Guide*

---

**EDGH1014I****The following report lists the customization switches in EDGVREC**



## Explanation

The DFSMSrmm check routine has found a possible migration action and lists the customization switches it has found. In the report the following data columns are displayed:

### Switch

Lists the switch number: a value in the range 1 - 8

### Value

Lists the character found in the switch byte

### Description

Explains the value and may give an action to be taken

## System action

The system continues processing.

## Operator response

Not applicable.

## System programmer response

Review the customization switches to determine which GDG parmlib options need to be implemented in z/OS V1.11 or later release.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS DFSMSrmm Managing and Using Removable Media*

---

**EDGH1015I**

**No migration action required for stem variables in LIBRARY *lib\_dsname***

## Explanation

The migration check used ISRSUPC to search a REXX library for RMM .0 stem variables that are removed with z/OS V1.11. When you do not use affected .0 stem variables you do not need a migration action when migrating to z/OS V1.11 or later release.

*lib\_dsname* is either SYS1.SAMPLIB or the library you specified via PARM('LIBRARY(*lib\_dsname*)').

## System action

The system continues processing.

## Operator response

none

## System programmer response

Not applicable.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

Not applicable.

## Automation

Not applicable.

## Reference documentation

*z/OS DFSMSrmm Implementation and Customization Guide*

---

**EDGH10161****No migration action required for OPTION VRSEL**

## Explanation

The migration check used the LISTCONTROL OPTION subcommand to verify that you have not defined VRSEL(OLD) in the DFSMSrmm parmlib member. VRSEL(OLD) is removed with z/OS V1.11. When you do not use VRSEL(OLD) you do not need a migration action when migrating to z/OS V1.11 or later release.

## System action

The system continues processing.

**Operator response**

none

**System programmer response**

Not applicable.

**Problem determination**

Not applicable.

**Source**

DFSMSrmm

**Module**

EDGRHCHK

**Routing code**

Not applicable.

**Descriptor code**

Not applicable.

**Automation**

Not applicable.

**Reference documentation**

*z/OS DFSMSrmm Implementation and Customization Guide*

---

**EDGH1017I****The following report lists the ISRSUPC OUTDD contents****Explanation**

The DFSMSrmm check routine has found a possible migration action related to the use of stem special variables in Rexx execs. ISRSUPC is run to check your specified LIBRARY and the report is the contents of the ISRSUPC OUTDD file which lists the library members and the .0 stem variables used which must be updated to use the special key variables.

In the report, the following information is displayed:

**member name**

Lists the affected library member name

**line number**

Lists the relative line number of the library member

**String(s) found**

Lists the data contained in the specified line number

**System action**

The system continues processing.

**Operator response**

Not applicable.

**System programmer response**

Review the OUTDD report and use the report to identify affected Rexx execs and the .0 stem variables which must be replaced with the key stem variable.

You can use the SAMPLIB member EDGJSTM0 if you need to rerun ISRSUPC independently of the migration check.

**Problem determination**

Not applicable.

**Source**

DFSMSrmm

**Module**

EDGRHCHK

**Routing code**

Not applicable.

**Descriptor code**

Not applicable.

**Automation**

Not applicable.

**Reference documentation**

*z/OS DFSMSrmm Managing and Using Removable Media*

---

<b>EDGH2001R</b>	<b>Switch Value Description</b>
------------------	---------------------------------

**Explanation**

This report header is part of the ZPSWITCH customization switch report.

**System action**

Not applicable.

**Operator response**

Not applicable.

**System programmer response**

Not applicable.

**Problem determination**

Not applicable.

**Source**

DFSMSrmm

**Module**

EDGRHCHK

**Routing code**

Not applicable.

**Descriptor code**

Not applicable.

**Automation**

Not applicable.

**Reference documentation**

*z/OS DFSMSrmm Managing and Using Removable Media*

---

**EDGH2002R** -----**Explanation**

This report header is part of the ZPSWITCH customization switch report.

**System action**

Not applicable.

**Operator response**

Not applicable.

**System programmer response**

Not applicable.

**Problem determination**

Not applicable.

**Source**

DFSMSrmm

**Module**

EDGRHCHK

**Routing code**

Not applicable.

**Descriptor code**

Not applicable.

**Automation**

Not applicable.

**Reference documentation**

*z/OS DFSMSrmm Managing and Using Removable Media*

---

**EDGH3001R*****vrs\_line*****Explanation**

This report message is used to display each line of the SEARCHVRS subcommand.

**System action**

Not applicable.

**Operator response**

Not applicable.

**System programmer response**

Not applicable.

**Problem determination**

Not applicable.

**Source**

DFSMSrmm

**Module**

EDGRHCHK

**Routing code**

Not applicable.

**Descriptor code**

Not applicable.

**Automation**

Not applicable.

## Reference documentation

*z/OS DFSMSrmm Managing and Using Removable Media*

---

**EDGH3002R**

*zpswitch\_cnt zpswitch\_swt zpswitch\_dsc*

### Explanation

This report message is used to display each line of the ZPSWITCH customization switch report.

### System action

Not applicable.

### Operator response

Not applicable.

### System programmer response

Not applicable.

### Problem determination

Not applicable.

### Source

DFSMSrmm

### Module

EDGRHCHK

### Routing code

Not applicable.

### Descriptor code

Not applicable.

### Automation

Not applicable.

## Reference documentation

*z/OS DFSMSrmm Managing and Using Removable Media*

---

**EDGH3003R**

*outdd\_line*

### Explanation

This report message is used to display each line of the OUTDD output line.

### System action

Not applicable.

**Operator response**

Not applicable.

**System programmer response**

Not applicable.

**Problem determination**

Not applicable.

**Source**

DFSMSrmm

**Module**

EDGRHCHK

**Routing code**

Not applicable.

**Descriptor code**

Not applicable.

**Automation**

Not applicable.

**Reference documentation**

*z/OS DFSMSrmm Managing and Using Removable Media*

---

**EDGH8001E****DFSMSrmm default changes in z/OS V1R10****Explanation**

You do not currently have any REJECT commands in the DFSMSrmm parmlib member. When you start DFSMSrmm on z/OS V1R10 or later release and do not define any PRTITION commands in parmlib the new default is that non-system managed volumes which are not yet defined to DFSMSrmm are automatically defined by adding them to the DFSMSrmm Control Data Set.

**System action**

The system continues processing.

**Operator response**

Report this exception to the system programmer.

**System programmer response**

Review the new PRTITION and OPENRULE commands that can be used in parmlib. Prior to z/OS V1R10 DFSMSrmm automatically defined only system managed volumes, leaving non-system managed volumes to be ignored. On z/OS V1R10 and later releases the DFSMSrmm default is now to automatically define all volumes by



adding them to the DFSMSrmm Control Data Set. You can change the default processing by defining your own PRTITION command. The following command in parmlib causes DFSMSrmm processing to stay the same:

```
PRTITION TYPE(NORMM) NOSMT(IGNORE)
```

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

3

## Automation

Not applicable.

## Reference documentation

Look for an explanation of using the PRTITION and OPENRULE commands in [z/OS DFSMSrmm Implementation and Customization Guide](#).

---

### EDGH8002E

**Migration conflict exists for DELETED tape data set support - number DELETED VRSEs found**

## Explanation

One or more of the VRSEs defined to DFSMSrmm use either DSNAME('DELETED') or JOBNAME(DELETED). When you start DFSMSrmm VRSEL processing on z/OS V1R10 or later release the new DELETED tape data set support uses these VRSEs to control tape data sets which have been subject to the DELETE normal disposition processing. For example, a data set created by the following JCL:

```
//OUTPUT DD DISP=(,DELETE),DSN=MY.TAPE.DATASET,UNIT=TAPE,  
//      LABEL=(1,SL)
```

will be matched by VRSEL processing to a VRS such as RMM AS DSNAME('DELETED') COUNT(2) DAYS, rather than RMM AS DSNAME('MY.TAPE.\*\*') COUNT(4) CYCLES LOCATION(SAFE)

## System action

The system continues processing.

## Operator response

Report this exception to the system programmer.

## System programmer response

Review the report produced by this check for the VRSes which have been found. If you use JOBNAME(DELETED) in any data set name VRSs you must change the VRS to use JOBNAME(DELETED\*) to avoid a conflict with the new 'DELETED' VRS support. If you use DSNNAME('DELETED') in any data set name VRSes you must change the VRS to use DSNNAME('DELETED\*') to avoid a conflict with the new 'DELETED' VRS support.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

3

## Automation

Not applicable.

## Reference documentation

Look for an explanation of the DELETED tape data set support in [\*z/OS DFSMSrmm Managing and Using Removable Media\*](#).

---

### EDGH8003E

**Customization of volume replace limit found in EDGMUPD - the custom value is *zap\_limit* - equivalent to MEDINF with REPLACE(PERM(*limit*))**

## Explanation

You have customized the tape volume replacement limit used by DFSMSrmm by updating the EDGMUPD load module.

Your modification will not fit on z/OS V1R10 or later releases. If you wish to use the same or similar customization on z/OS V1R10 or later releases you must exploit the MEDINF command in parmlib and use the REPLACE operand to specify your limit. When you start DFSMSrmm EXPROC processing on z/OS V1R10 or a later release the MEDINF REPLACE limits are used for all physical volumes, including those which are in scratch status.

Prior to z/OS V1R10 the DFSMSrmm limit was 1 permanent error. Using MEDINF this can be represented by the following using MEDINF with REPLACE:

```
MEDINF NAME(IBM) REPLACE(PERM(1))
```

You can simply substitute your limit value in the PERM operand to get the same results using MEDINF.

## System action

The system continues processing.

## Operator response

Report this exception to the system programmer.

## System programmer response

Review your modification to EDGMUPD and the recommendation stated earlier and in the referenced publication. Prepare the MEDINF commands you require for DFSMSrmm parmlib on z/OS V1R10 and later releases, and add them to the EDGRMMxx parmlib.

You will no longer be able to apply modifications to load module EDGMUPD.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

3

## Automation

Not applicable.

## Reference documentation

Look for an explanation of the MEDINF REPLACE support in [\*z/OS DFSMSrmm Implementation and Customization Guide\*](#).

---

**EDGH8004E**

**Customization found for Duplicate GDG - Use OPTION  
GDG(CYLCLEBY(GEN) DUP(COUNT) from z/OS V1.11**

## Explanation

The DFSMSrmm check routine EDGRHCHK has detected a usermod has been applied to EDGVREC load module which sets the ZPSWITCH to influence duplicate GDG handling. From z/OS V1.11, you must use the parmlib option OPTION GDG instead.

## System action

The system continues processing.

## Operator response

Report this exception to the system programmer.

## System programmer response

Review the new GDG operand of the OPTION command in parmlib. Determine the settings you require for z/OS V1.11 and later releases, and add it to the EDGRMMxx parmlib.

If the usermod is refitted and used on z/OS V1.11 or a later release, DFSMSrmm VRSEL processing issues message EDGX004I to the MESSAGE file warning that the usermod is no longer supported.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

3

## Automation

Not applicable.

## Reference documentation

Look for an explanation of the GDG parmlib option in *z/OS DFSMSrmm Implementation and Customization Guide*.

---

**EDGH8005E**

**Unsupported customization found for EDGVREC**

## Explanation

The DFSMSrmm check routine EDGRHCHK has detected a user modification to ZPSWITCH in the EDGVREC load module. Review the report produced by this check to identify switches that have been customized. The description column of the report identifies an action for each unsupported switch.

The usermod should not be used on z/OS V1.11 and later releases.

## System action

The system continues processing.

## Operator response

Report this exception to the system programmer.

## System programmer response

Review the report produced by this check to identify the switches that have been customized. Each switch listed in the report includes an action you should take. In any case the user modification should not be used on z/OS V1.11 or later releases.

When the description includes 'No longer required' you should consider the suggested DFSMSrmm supported function.

When the description includes 'Unsupported value' there is and never was any function based on the switch.

### **Problem determination**

Not applicable.

### **Source**

DFSMSrmm

### **Module**

EDGRHCHK

### **Routing code**

Not applicable.

### **Descriptor code**

3

### **Automation**

Not applicable.

### **Reference documentation**

Not applicable.

---

<b>EDGH8006E</b>	<b>Migration action required for stem variables in <i>number</i> members of library <i>lib_dsname</i></b>
------------------	---

### **Explanation**

Prior to z/OS V1.11 the DFSMSrmm SEARCH and LISTCONTROL subcommands created a .0 stem variable for most stem variables. Starting with z/OS V1.11 DFSMSrmm creates a .0 stem variable only for the key variable for each SEARCH and LISTCONTROL subcommand.

The check has determined that the processed library contains REXX execs which reference one or more of the stem .0 stem variables that are no longer created.

### **System action**

The system continues processing.

### **Operator response**

Report this exception to the system programmer.

### **System programmer response**

Review the report produced by this check for the REXX execs which reference .0 stem variables that are no longer created and change the exec to use the key .0 stem variable for the subcommand results being processed.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

3

## Automation

Not applicable.

## Reference documentation

For more information about the stem variables used by DFSMSrmm subcommands, for releases up to z/OS V1.10 see DFSMSrmm User Guide and Reference, for z/OS V1.11 and later releases see [z/OS DFSMSrmm Managing and Using Removable Media](#).

To read more about the ISRSUPC module used in the EDGJSTM0 sample JCL, see [z/OS ISPF User's Guide Vol II](#).

---

### EDGH8007E

### Migration action is required from VRSEL(OLD) to VRSEL(NEW)

## Explanation

DFSMSrmm on z/OS V1.11 and later releases no longer supports the VRSEL(OLD) parmlib option.

When you start DFSMSrmm on z/OS V1.8 or a later release the EDG2317E warning message is issued when you run VRSEL(OLD) processing. If you do not migrate from VRSEL(OLD) to VRSEL(NEW) before moving to z/OS V1.8 or a later release, you get message EDG2317E each time VRSEL is run and EDGHSKP processing ends with job step return code 4.

## System action

The system continues processing.

## Operator response

Report this exception to the system programmer.

## System programmer response

You must switch to use of OPTION VRSEL(NEW). Before starting to use VRSEL(NEW), understand that your existing policies might be applied differently under VRSEL(NEW).

Use the reference documentation and follow the required migration steps.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

3

## Automation

Not applicable.

## Reference documentation

To migrate from VRSEL(OLD) to VRSEL(NEW), follow the steps in the topic "Migrating to Using VRSEL(NEW)" in *z/OS DFSMSrmm Managing and Using Removable Media*.

For additional details about migrating from VRSEL(OLD) to VRSEL(NEW), see the topic "Defining Retention and Movement Policies" in *z/OS DFSMSrmm Managing and Using Removable Media*.

---

### EDGH8008E

### MIGRATION ACTION MAY BE REQUIRED FOR STEM VARIABLES IN number MEMBERS OF LIBRARY *lib\_dsname*

## Explanation

Before z/OS V1R11, the DFSMSrmm SEARCH and LISTCONTROL subcommands created a .0 stem variable for most stem variable. Beginning in V1R11, DFSMSrmm only creates a .0 stem variable for the key variable for each SEARCH and LISTCONTROL subcommand.

The check has determined that the processed library contains REXX execs which reference one or more key or special stem .0 variables that are now only created for specific RMM TSO subcommands.

The following list contains the key and special stem variables for the subcommands (only stem variables to have a .0):

Command	Key Stem	Special Stem
-----	-----	-----
LISTCONTROL ACTIONS	edg@act	
LISTCONTROL LOCDEF	edg@ldlc	edg@ldmn
LISTCONTROL SECLVL		edg@dnm
LISTCONTROL MEDINF	edg@mdnf	
LISTCONTROL MNTMSG	edg@mid	
LISTCONTROL MOVES	edg@mfr	
LISTCONTROL OPENRULE	edg@ortp	
LISTCONTROL PARTITION	edg@pttp	
LISTCONTROL REJECT	edg@grk	
LISTCONTROL SECCLS	edg@cls	
LISTCONTROL VLPOOL	edg@pid	
LISTPRODUCT		edg@vol
SEARCHBIN	edg@rck	
SEARCHDATASET	edg@dsn	
SEARCHOWNER	edg@own	
SEARCHPRODUCT	edg@pnum	
SEARCHRACK	edg@rck	

## System action

The system continues processing.

## Operator response

Report this exception to the system programmer.

## System programmer response

Review the report produced by this check. For each case listed in the report you must ensure that the variable reference occurs only after the appropriate RMM TSO subcommand. If you find any incorrect variable references you must change the exec to use the key .0 stem variable for the subcommand results being processed. For example, a reference to edg@vol .0 after a SEARCHDATASET subcommand is no longer supported and must be changed to edg@dsn .0.

## Problem determination

Not applicable.

## Source

DFSMSrmm

## Module

EDGRHCHK

## Routing code

Not applicable.

## Descriptor code

3

## Automation

Not applicable.

## Reference documentation

For more information about the stem variables used by DFSMSrmm subcommands:

- For releases up to z/OS V1R10, see *DFSMSrmm User Guide and Reference*.
- For z/OS V1R11 and later releases, see [z/OS DFSMSrmm Managing and Using Removable Media](#).
- To read more about the ISRSUPC module used in the EDGJSTM0 sample JCL, see [z/OS ISPF User's Guide Vol II](#).



---

## Chapter 4. ERB messages

ERB messages are issued by z/OS Resource Measurement Facility. See [\*z/OS RMF Messages and Codes\*](#) for the most current ERB messages.



---

## Chapter 5. LANRES messages (EWX, ACP, ASD)

Each message produced by LANRES is preceded by an 10-character prefix of the form **EWXxxnnnns**:

**EWX**

The LANRES product code

**xx**

Task identifier

**nnnn**

Message number

**s**

Severity code

**E**

Error. Operator action is required. LAN Server continues to function.

**I**

Information. Operator action is not required.

**W**

Warning. Operator action may be required.

LANRES on a Front-end Processor uses OS/2 facilities for displaying messages. With these facilities, prefixes are displayed in the form **BFSnnnn**:

**BFS**

The LANRES product code

**nnnn**

Message number

---

### EWX host messages

---

**EWXxx0000I**

**\*\*DEBUG\*\* p1 p2 p3 p4 p5 p6 p7 p8 p9**

#### Explanation

This is a generic diagnostic message used during LANRES software development and debug.

#### System action

Command processing continues.

#### System programmer response

None.

#### User response

No additional information is given, except for information in the message itself.

#### Source

LANRES

---

**EWXxx0001E**

**A member name is not allowed when the data set name has special character(s).**



## User response

Correct the conflict and reenter the command.

## Source

LANRES

---

**EWXxx0006E** Duplicate option(s) *option* specified.

## Explanation

Duplicate options were entered on the command line.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the duplication and reenter the command.

## Source

LANRES

---

**EWXxx0008E** Incorrect option(s) *option(s)* specified.

## Explanation

The indicated option(s) are not correct. The error may be a misspelling, missing information, incorrect information, incomplete information, or improper abbreviation.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the error and reenter the command.

## Source

LANRES

---

**EWXxx0009E** Incorrect parameter(s) *parameter(s)* specified.

## Explanation

The indicated parameter(s) are not correct. The error may be a misspelling, missing information, incorrect information, incomplete information, or improper abbreviation.



---

**EWXxx0012S****Incorrect function connected or being connected.****Explanation**

The job is attempting to connect to an incorrect function or already has connected to an incorrect function.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Use the EWXCONN LINK command to connect the correct function.

**Source**

LANRES

---

**EWXxx0013S****Request cannot be processed by the server.****Explanation**

A LANRES command has been entered, but the NLM on the server does not recognize the command.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

Check to see if LANRES is installed correctly. Reinstall LANRES if necessary.

**User response**

First, verify that the command is correct. If it is and the problem persists, notify your system programmer.

**Source**

LANRES

---

**EWXxx0014S****Server program version is not compatible with NetWare version.****Explanation**

Your request was directed to a LANRES NLM that requires a different version of NetWare than the one that is installed.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

Verify whether LANRES is installed correctly. Reinstall LANRES if necessary.

## User response

Notify your system programmer.

## Source

LANRES

---

**EWXxx0015E** Command not valid before EWXCONN LINK login.

## Explanation

You cannot enter any administration or distribution commands until you are logged into the NetWare server.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Provide the user with a user ID and, optionally, a password on the server.

## User response

Establish a connection to the NetWare server with the EWXCONN LINK command. If you do not have a user ID on the server, notify your system programmer.

## Source

LANRES

---

**EWXxx0016E** The user ID password entered is longer than 127 characters.

## Explanation

The user ID password specified was longer than 127 characters.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

If the spelling of the specified user ID password is incorrect, correct it. If the specified password is to be assigned to a user ID, choose a password with less than 127 characters. Reenter the command.

## Source

LANRES

---

**EWXxx0017E** Cannot open the host file *filename*. Error returned was: *error\_text*

## Explanation

An error occurred while trying to open the file, *filename*, on the host. The explanation for the error, *error\_text*, was returned in the message.













## Explanation

A server name must be between 2 and 47 characters long, and cannot contain spaces or any of the following special characters:

Character	Name
/	(slash)
\	(backslash)
:	(colon)
;	(semicolon)
,	(comma)
*	(asterisk)
?	(question mark)

NetWare may also restrict the server name from containing other special characters.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the spelling of the specified server name. Reenter the command.

## Source

LANRES

---

**EWXxx0042E**

**Incorrect user name *user* specified.**

## Explanation

A user name must be between 1 and 47 characters long, and cannot contain spaces or any of the following special characters:

Character	Name
/	(slash)
\	(backslash)
:	(colon)
;	(semicolon)
,	(comma)
*	(asterisk)
?	(question mark)

NetWare may also restrict the user name from containing other special characters.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Correct the spelling of the specified user name. Reenter the command.

**Source**

LANRES

---

**EWXxx0043E** Value missing for option *option*.

**Explanation**

The specified option requires that an additional value be assigned to it.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Correct the error and reenter the command.

**Source**

LANRES

---

**EWXxx0046E** Host and Server security passwords do not match for the *function* function.

**Explanation**

You tried to connect to a LANRES function on the NetWare server but the passwords you used did not match those expected by the server function. Please note that different servers may have different security passwords.

**System action**

Command processing ends. The connection to the NetWare server is dropped.

**System programmer response**

None.

**User response**

Retry the server connection request specifying the correct security passwords for the server function.

## Source

LANRES

---

**EWXxx0050E**

**Double-byte characters cannot be specified on the command line.**

## Explanation

Double-type characters were specified on the command line but these characters cannot be processed by the command.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the error and reenter the command.

## Source

LANRES

---

**EWXxx0063I**

**A value for *parameter* was previously specified; the new value *value* will be used.**

## Explanation

A value was already specified for the parameter listed; because the parameter was specified again, the last value associated with the same parameter will be used.

## System action

Processing continues.

## System programmer response

None.

## User response

If the value needed was the first value, retype the command using the parameter only once with the correct data.

## Source

LANRES

---

**EWXxx0065E**

**Incorrect nickname *nickname* specified.**

## Explanation

A nickname must be between 1 and 47 characters long. A nickname also cannot be the keywords ADMIN, DISK, DIST, HLPRT, or LHPRT.







<b>Character</b>	<b>Name</b>
/	(slash)
\	(backslash)
:	(colon)
;	(semicolon)
,	(comma)
*	(asterisk)
?	(question mark)

NetWare may also restrict the group name from containing other special characters.

### **System action**

Command processing ends. The system status remains the same.

### **System programmer response**

None.

### **User response**

Correct the spelling of the specified group name. Reenter the command.

### **Source**

LANRES

---

**EWXxx0070E** **Incorrect volume name *volume* specified.**

### **Explanation**

A volume name must be between 2 and 15 characters long, and cannot contain spaces or any of the following special characters:

<b>Character</b>	<b>Name</b>
/	(slash)
\	(backslash)
:	(colon)
;	(semicolon)
,	(comma)
*	(asterisk)
?	(question mark)

NetWare may also restrict the volume name from containing other special characters.

### **System action**

Command processing ends. The system status remains the same.



---

**EWXxx1002I****LAN-to-host print function initialization completed.****Explanation**

Both the LAN-to-host NLM and service machine have initialized and are ready to start processing print requests.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1003E****No valid procedure names found in procedures file(s).****Explanation**

The LAN-to-host service machine program reads the procedures file(s) and extracts the names it finds to be used as user exits. No user exit programs were found to be valid in the procedures file(s).

**System action**

The LAN-to-host print service machine stops.

**System programmer response**

Verify that the names in the procedures file(s) are correct. Verify that the exits exist on the system and are accessible by the LAN-to-host print service machine. Restart the LAN-to-host print service machine after the corrections have been made.

**User response**

Notify your system programmer.

**Source**

LANRES

---

**EWXxx1004I****The NLM requested the service machine be restarted.****Explanation**

A condition that caused the LAN-to-host print NLM to be restarted occurred forcing the host service machine to restart.

**System action**

The LAN-to-host print service machine is being restarted; the environment remains the same and no information is lost.



**Source**

LANRES

---

**EWXxx1007I****Shutting down the LAN-to-host print service machine at the user's request.****Explanation**

The service machine is being shutdown as a result of a interrupt from the keyboard.

**System action**

A shutdown can only occur when there is no job currently printing; therefore the shutdown will be normal.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1008I****LAN-to-host print servicing has ended.****Explanation**

The service machine has stopped processing.

**System action**

Processing ended. The return code will be the most severe value encountered, among the warning messages.

**System programmer response**

Refer to the previous messages to determine the cause of the service machine stopping.

**User response**

None.

**Source**

LANRES

---

**EWXxx1009E****An unknown packet was received.****Explanation**

The service machine has received a unknown packet type. The host and NetWare server are out of sync.

**System action**

The LAN-to-host print machine will restart.







## System programmer response

If the translation routine is incorrect there will be other similar messages. Otherwise the name of the print queue may not be correct in EBCDIC.

## User response

None.

## Source

LANRES

---

**EWXxx1015I** Execution of user exit associated with queue, *queue* stopped.

## Explanation

The user exit associated with the queue specified stopped, because it cannot be found, not executing correctly, or any other possibility.

## System action

The LAN-to-host print service machine is not stopped. The queue is removed from the list of available queues for LANRES. The queue will no longer be valid until the service machine is stopped and the problem corrected.

## System programmer response

Determine why the user exit cannot be executed.

## User response

None.

## Source

LANRES

---

**EWXxx1016I** Job status message could not be translated.

## Explanation

The message returned from the user exit stating the status of the print job could not be translated from EBCDIC to ASCII correctly.

## System action

The print job status is unknown; the LAN-to-host print function continues to run.

## System programmer response

If the translation routine is in error there will be other similar messages. Otherwise the message may not be correct in terms of translating to ASCII.

## User response

Notify your system programmer.

## Source

LANRES

---

**EWXxx1017I**                                    **The user exit for queue *queue* is not using the stack correctly.**

## Explanation

The expected amount of data is not on the stack.

## System action

The service machine continues to run. The status message may not be presented to the client.

## System programmer response

Change the user exit to ensure the proper data is used and returned to the LAN-to-host print service machine.

## User response

None.

## Source

LANRES

---

**EWXxx1018E**                                    **Error allocating storage.**

## Explanation

An error was returned when allocating storage.

## System action

The service machine continues.

## System programmer response

Stop the service machine, free storage, then restart the service machine.

## User response

None.

## Source

LANRES

---

**EWXxx1019E**                                    **The user exit definition for queue, *queue*, is incorrect.**

## Explanation

The syntax of the queue line in the procedures file is incorrect.

## System action

The service machine is not stopped, though the queue will not be placed on the available queue list.

**System programmer response**

Correct the line in procedures file associated with the queue.

**User response**

None.

**Source**

LANRES

---

**EWXxx1020E** Translation of the NetWare print server name is not possible.**Explanation**

The NetWare print server name could not be translated from EBCDIC to ASCII.

**System action**

The LAN-to-host print service machine is stopped.

**System programmer response**

Determine why the server name is not being translated and make the necessary changes.

**User response**

None.

**Source**

LANRES

---

**EWXxx1021I** Using the default NetWare print server name, *server*.**Explanation**

No NetWare print server was specified on the command line. The default is being used.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1022E** Did not specify a NetWare print server after keyword **QS**.

## Explanation

The keyword QS exists in the command but the NetWare print server name did not follow.

## System action

Command processing ends.

## System programmer response

None.

## User response

Reenter the command with a print server name or do not use the QS keyword. If you do not use the QS keyword, the default print server name will be used.

## Source

LANRES

---

<b>EWXxx1023I</b>	<b>All the fields in the print job configuration structure may not be translated correctly.</b>
-------------------	---

## Explanation

The routine translating the text fields in the print job configuration structure indicated that the translations may not be complete. Some of the fields may not have translated successfully.

## System action

The LAN-to-host print service machine is not stopped. This data is not used by the service machine. It is passed directly to the user exits. Though it is probable the user exit will not succeed.

## System programmer response

Determine why the translation routine is not translating correctly; keeping in mind it may be the type of data being sent from the NLM.

## User response

None.

## Source

LANRES

---

<b>EWXxx1024I</b>	<b>The message was longer than 57 bytes.</b>
-------------------	--

## Explanation

The length of the message exceeded 57 bytes which is the maximum length of a message sent to a client.

## System action

The service machine continues to run.





## User response

Re-enter the command with a value for debug, or do not use the DEBUG keyword thus defaulting debug to off.

## Source

LANRES

---

**EWXxx1030E**

**Cannot create the print job file, *file*. Error was: *error\_text***

## Explanation

The file, *file*, cannot be created. This file contains the print job the user exits will process. The explanation for the error, *error\_text*, was returned in the message.

## System action

The service machine stops.

## System programmer response

Determine why the file cannot be opened.

## User response

None.

## Source

LANRES

---

**EWXxx1031E**

**Cannot write to print job file *filename*. Error was: *error\_text***

## Explanation

An error occurred while trying to write to the file, *filename*, on the host. The explanation for the error, *error\_text*, was returned in the message.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Correct the problem indicated by *error\_text*.

## User response

None.

## Source

LANRES

---

**EWXxx1032E**

**Unable to run user exit: *error\_text***

## Explanation

An error occurred while trying to run a user exit. The explanation for the error, *error\_text*, was returned in the message.





## Source

LANRES

---

**EWXxx1035E** All user exits have been disabled.

## Explanation

All the user exits defined have been disabled due to errors.

## System action

Command processing ends.

## System programmer response

Review the error messages in the log, correct the problems, and restart the LAN-to-host print server.

## User response

None.

## Source

LANRES

---

**EWXxx1036E** Unknown internal exit, *exit\_name*.

## Explanation

The exit name specified is not defined.

## System action

The system status remains the same.

## System programmer response

Correct the entry in the LAN-to-host print procedures file.

## User response

None.

## Source

LANRES

---

**EWXxx1037E** Cannot delete the print job file, *file*. Error was: *error\_text*

## Explanation

The file, *file*, cannot be deleted. This file contains the print job the user exits will process. The explanation for the error, *error\_text*, was returned in the message.

## System action

The service machine stops.







### **System action**

The system status remains the same.

### **System programmer response**

Correct the entry in the LAN-to-host print procedure file.

### **User response**

Have the system programmer correct the entry in the LAN-to-host print procedure file.

### **Source**

LANRES

---

**EWXxx1107E** Error writing JCL. Error was *error\_text*.

### **Explanation**

An error occurred while writing JCL needed to print data. Use the error text to determine the cause of the failure.

### **System action**

The system status remains the same.

### **System programmer response**

Determine cause of error and take corrective action.

### **User response**

Correct any errors and resubmit print job. If problem persists, contact system programmer.

### **Source**

LANRES

---

**EWXxx1108E** Unable to open JCL member *member*. Error was *error\_text*.

### **Explanation**

An error occurred while trying to read the member *member*. The member will be found in the dataset pointed to by DD EWXLHJCL or prefix.EWXLHPRT.JCL if the DD does not exist. Member EWXLHJOB is the JOB statement that will be used for all JCL members that do not start with their own JOB statements. Use the error text to determine the cause of the failure.

### **System action**

The system status remains the same.

### **System programmer response**

Determine cause of error and take corrective action.

### **User response**

Have the system programmer correct the error then resubmit the print job.

**Source**

LANRES

---

**EWXxx1109E** Unable to open job. Error was *error\_text*.**Explanation**

An error occurred while trying to open the job. Use the error text to determine the cause of the failure.

**System action**

The system status remains the same.

**System programmer response**

Determine cause of error and take corrective action.

**User response**

Have the system programmer correct the error then resubmit the print job.

**Source**

LANRES

---

**EWXxx1151E** Incorrect AFP structured field.**Explanation**

An Incorrect structured field was found in the input to Enhanced Print stream transformation.

**System action**

The print stream currently being translated is terminated.

**System programmer response**

None.

**User response**

Re-submit the print job. If it still fails, there is probably a problem with the print stream to be translated.

**Source**

LANRES

---

**EWXxx1152E** Begin Document AFP structured field not found.**Explanation**

An Begin Document AFP structured field was not found in the first 100 bytes of information to be translated.

**System action**

The print stream currently being translated is terminated.









### System programmer response

Make sure file *file\_name* exists.

### User response

None.

### Source

LANRES

---

**EWXxx1161E** Mode entry not found in queue profile *file\_name*.

### Explanation

No valid mode entries were found in file *file\_name*.

### System action

Transformation is terminated.

### System programmer response

Add a mode entry into the queue profile *file\_name*.

### User response

None.

### Source

LANRES

---

**EWXxx1162W** Incorrect *entry\_type* entry in queue profile *file\_name*.

### Explanation

An incorrect *entry\_type* was found in file *file\_name*.

### System action

Transformation continues but the option specified by *entry\_type* will not be used.

### System programmer response

Correct the *entry\_type* entry in the queue profile *file\_name*.

### User response

None.

### Source

LANRES

---

**EWXxx1163W** Duplicate *entry\_type* entry in queue profile *file\_name* is ignored.



**User response**

None.

**Source**

LANRES

---

**EWXxx1166W** Scalfont entry *class* in queue profile *file\_name* is incorrect.

**Explanation**

An incorrect *class* was found on a Scalfont entry in the queue profile *file\_name* .

**System action**

Transformation continues but this scalfont is not used.

**System programmer response**

Check the class and attribute specified on the Scalfont entry.

**User response**

None.

**Source**

LANRES

---

**EWXxx1167W** No file specified on Scalfont entry *class* in queue profile *file\_name*.

**Explanation**

The file name is missing from scalfont entry *class*.

**System action**

Transformation continues but this scalfont is not used.

**System programmer response**

Add the file name on the specified on the Scalfont entry.

**User response**

None.

**Source**

LANRES

---

**EWXxx1168W** Unable to open file *file\_name*.

**Explanation**

The file *file\_name* cannot be opened.



---

**EWXxx1171W**

**Font entry class is incorrect.**

**Explanation**

The class, pitch or attribute on the font entry are incorrect.

**System action**

Transformation continues but this font entry is not used.

**System programmer response**

Enter a valid class pitch or attribute.

**User response**

None.

**Source**

LANRES

---

**EWXxx1173E**

**Error found in Host-to-LAN print Transformation file.**

**Explanation**

An internal error has been detected with one of the LANRES enhanced print stream transformation files.

**System action**

Transformation is terminated.

**System programmer response**

Verify that all of the LANRES Transformation files are accessible and re-submit the print job. If the problem persists, contact your IBM service representative.

**User response**

None.

**Source**

LANRES

---

**EWXxx1178E**

**No free storage available.**

**Explanation**

There is no storage available for a free storage request.

**System action**

The command terminates.

**System programmer response**

Allocate more storage for host-to-LAN print and restart host-to-LAN Print.

**User response**

None.

**Source**

LANRES

---

**EWXxx1179E** **No User parameters specified for user exit EWXHLTRN.****Explanation**

There is no queue profile specified for the EWXHLTRN user exit.

**System action**

The command terminates.

**System programmer response**

Place the name of the queue profile as a parameter to the EWXHLTRN user exit.

**User response**

None.

**Source**

LANRES

---

**EWXxx1180E** **Transformation output buffer full.****Explanation**

The buffer used to store transformed data is full.

**System action**

The print stream currently being translated is terminated.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1341E** **The Host to LAN print queue context could not be set.****Explanation**

The entry specified for the print queue in the configuration dataset is probably incorrect.



**System action**

The print job is not processed at the server.

**System programmer response**

None.

**User response**

Correct the queue name and context in the Host to LAN configuration dataset.

**Source**

LANRES

---

**EWXxx1342E Host to LAN print storage allocation failure.****Explanation**

A storage allocation request has failed on the server.

**System action**

The print job is not processed at the server.

**System programmer response**

None.

**User response**

Verify that sufficient storage is available on the server or increase storage if necessary.

**Source**

LANRES

---

**EWXxx1343E The server internal address was not found.****Explanation**

The address of the server on which the print queue resides cannot be obtained.

**System action**

The print job is not processed at the server.

**System programmer response**

None.

**User response**

Verify that the selected server is operational and that the proper volume is mounted.

**Source**

LANRES

---

**EWXxx1344E**

**A file server connection could not be established.**

**Explanation**

An attempt to connect to the server on which the print queue resides has failed.

**System action**

The print job is not processed at the server.

**System programmer response**

None.

**User response**

Verify that the server user licenses have not been exceeded.

**Source**

LANRES

---

**EWXxx1345E**

**The server connection cannot be authenticated.**

**Explanation**

The LANRES object does not have access to resources on the server.

**System action**

The print job is not processed at the server.

**System programmer response**

None.

**User response**

Unload and reload the LANRES object with access to server resources.

**Source**

LANRES

---

**EWXxx1351E**

**Print user exit *exitname* has incorrect type *type***

**Explanation**

The type specified for the user exit *exitname* in the host-to-LAN print procedures file is not EXEC or PGM.

**System action**

The user exit is ignored. The system status remains the same.

**System programmer response**

None.





## Source

LANRES

---

**EWXxx1357E**

**The timeout value specified, *timeout*, is not numeric.**

## Explanation

The timeout value used to determine how often the host-to-LAN print server checks for completed jobs is not numeric data. The data must be in terms of the number of seconds to wait between checks.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Reenter the command with a numeric timeout value.

## Source

LANRES

---

**EWXxx1358E**

**The timeout value specified, *timeout*, is not in a range of 1 through 359999.**

## Explanation

The timeout value cannot exceed 359999 seconds. It must be a positive number.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Reenter the command with a numeric timeout value in the correct range.

## Source

LANRES

---

**EWXxx1359I**

**The timeout value specified is *timeout*.**

## Explanation

The timeout value specified on the command is displayed.

## System action

The command continues.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx1360E** **API error. Check NetWare server console for messages.**

## Explanation

An error occurred while trying to process an internal NetWare API call.

## System action

The job will be printed after the error is corrected.

## System programmer response

Look on the NetWare server console for additional messages. Follow the directions for those messages.

## User response

Notify your NetWare system programmer.

## Source

LANRES

---

**EWXxx1361I** **Print job *jobnumber (jobid)* is ready for printing on the server.**

## Explanation

The specified print job is waiting to be printed.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx1362I** **Print job *jobnumber (jobid)* has been printed.**

**Explanation**

The specified print job was transferred from the NetWare print queue to the printer.

**System action**

The specified operation was performed.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1363I** **No print jobs currently waiting to be printed.****Explanation**

There are no print jobs, for the user ID specified, residing in the NetWare print queues.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1364I** **Error specifying option *option*, value *value* used.****Explanation**

The option *option* in the host-to-LAN print defaults file was not set to one of the required values. It is set to *value*

**System action**

Processing continues.

**System programmer response**

None.

**User response**

Correct the value specified in the host-to-LAN printing defaults file.





### System programmer response

None.

### User response

Correct the problem indicated by *error\_text*. Reenter the command.

### Source

LANRES

---

**EWXxx1377I** Printer *printer* Host ID *hostid* NetWare Queue *queue* NetWare Server  
server ASCII NOTIFY Exit Name *exitname* *exittype* ( *exitparms*

### Explanation

The message lists the value of an entry in the host-to-LAN print printer definition table.

### System action

None.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**EWXxx1378I** Printer *printer* has already been started.

### Explanation

The printer *printer* is currently connected to JES or VTAM and does not need to be started.

### System action

The command to start the printer is not processed.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**EWXxx1379I** Printer *printer\_name* is not an active printer.

**Explanation**

The command issued for printer *printer\_name* failed because the printer was not found in the list of active printers.

**System action**

The operator command is not processed.

**System programmer response**

None.

**User response**

Reenter the operator command with the correct printer name.

**Source**

LANRES

---

**EWXxx1380I** **An unknown command *subcommand* was entered.**

**Explanation**

An operator command other than F or P was entered.

**System action**

The operator command is not processed.

**System programmer response**

None.

**User response**

Reenter the operator command with the correct command.

**Source**

LANRES

---

**EWXxx1381I** **An unknown printer subcommand *subcommand* was entered.**

**Explanation**

A printer subcommand other than, F, A, D, or Z was entered.

**System action**

The operator command is not processed.

**System programmer response**

None.

## User response

Reenter the operator command with the correct subcommand.

## Source

LANRES

---

**EWXxx1382I** An incomplete operator command was entered.

## Explanation

The LANRES host-to-LAN print server did not find a complete operator command statement.

## System action

The operator command is not processed.

## System programmer response

None.

## User response

Reenter the operator command with the required information.

## Source

LANRES

---

**EWXxx1383I** The printer definition on line *lineno* is incomplete.

## Explanation

The LANRES host-to-LAN print server did not find a complete printer definition statement.

## System action

The printer definition is not processed.

## System programmer response

None.

## User response

If one of the parameters in the printer definition statement was incorrect, correct it. Otherwise add the missing parameters to the printer definition statement.

## Source

LANRES

---

**EWXxx1384I** Error in parameter *parameter* in command buffer.

## Explanation

The LANRES/MVS host-to-LAN print server found an error in parameter *parameter* in the command buffer.

**System action**

The operator command is not processed.

**System programmer response**

None.

**User response**

Correct the error and try the command again.

**Source**

LANRES

---

**EWXxx1385E The JES START command must be used to start a JES printer.****Explanation**

A host START command was issued for a host-to-LAN JES printer. JES local printers must be started using the JES \$\$ command.

**System action**

The operator command is not processed.

**System programmer response**

None.

**User response**

Retry the operation using the JES \$\$ command.

**Source**

LANRES

---

**EWXxx1387E The LANRES host-to-LAN Print server could not connect with JES.****Explanation**

The LANRES host-to-LAN print server received a non-zero return code from the FSIREQ CONNECT service.

**System action**

The LANRES host-to-LAN print server ends.

**System programmer response**

Check the FSSDEF statements to make sure that the host-to-LAN printer server was correctly defined to JES. If no errors are found contact your IBM service representative.

**User response**

Contact your system programmer.

## Source

LANRES

---

**EWXxx1388I** All printer routines have not been stopped

## Explanation

JES requested that the Host-to-LAN print server end, but there were still active printers.

## System action

The host-to-LAN print server ends.

## System programmer response

None.

## User response

Issue the JES commands to stop the printers, then try to stop LANRES host-to-LAN print.

## Source

LANRES

---

**EWXxx1389I** The host-to-LAN print server has ended.

## Explanation

The LANRES host-to-LAN print server received a shut-down command from JES, or ended abnormally.

## System action

The LANRES host-to-LAN print server ends.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx1390E** The host-to-LAN print server could not start printer *printer\_name*

## Explanation

The LANRES host-to-LAN print server received a start printer command from JES, but could not start the printer routine.

## System action

Processing continues.

## System programmer response

Check the message log for the host-to-LAN print server for other error messages to determine why the ATTACH failed. If necessary, contact your IBM service representative.

## User response

Contact your system programmer.

## Source

LANRES

---

<b>EWXxx1391I</b>	<b>The host-to-LAN print server could not find the specified printer <i>printer_name</i></b>
-------------------	--

## Explanation

The LANRES host-to-LAN print server received a start printer command, but no printer definition with the specified printer ID was found.

## System action

Processing continues.

## System programmer response

Check the message log for the host-to-LAN print server for other error messages to determine why the printer was not found. If no definition exists for the printer, it may be added using the MODIFY operator command.

## User response

Contact your system programmer.

## Source

LANRES

---

<b>EWXxx1392I</b>	<b>The host-to-LAN print server received error <i>error_text</i> when requesting a session with PLU <i>luname</i></b>
-------------------	---

## Explanation

The LANRES host-to-LAN print server's attempt to connect to the PLU *luname* ended with error *error\_text*.

## System action

The printer is not started.

## System programmer response

Check the message log for the host-to-LAN print server for other error messages to determine why the session could not be established.

## User response

Contact your system programmer.

## Source

LANRES

---

**EWXxx1393I**

**The option *option* is no longer used. It is ignored.**

## Explanation

The option specified is no longer used in the current release of LANRES.

## System action

The printer is not started.

## System programmer response

Check the message log for the host-to-LAN print server for other error messages to determine why the session could not be established.

## User response

Contact your system programmer.

## Source

LANRES

---

**EWXxx1394E**

**The server name *server* was not found in the host-to-LAN print servers file.**

## Explanation

The host-to-LAN print command could not find the server name *server* in the host-to-LAN print servers file.

## System action

The host-to-LAN print command ends.

## System programmer response

None.

## User response

Add the entry for the server to the servers file.

## Source

LANRES

---

**EWXxx1395E**

**LANRES connection already established for another function.**

## Explanation

A connection to the NetWare server already exists for another LANRES function. LANRES supports only one connection at a time to the NetWare server.

## System action

Command processing ends.

## System programmer response

None.

## User response

Drop the existing LANRES connection and restart the host-to-LAN print server.

## Source

LANRES

---

**EWXxx1396E** Error specifying parameter *parameter* of the host-to-LAN print servers file.

## Explanation

The value of parameter *parameter* in the host-to-LAN print servers file is incorrect.

## System action

Command processing ends.

## System programmer response

None.

## User response

Correct the error and retry the print command.

## Source

LANRES

---

**EWXxx1397E** Line number *number* of the host-to-LAN print servers file is incomplete.

## Explanation

Not enough parameters were specified in the line of the host-to-LAN print servers file.

## System action

Command processing ends.

## System programmer response

None.

## User response

Correct the error in the file.

## Source

LANRES

---

**EWXxx1398I** The file server *fileserver* is on the network.









---

**EWXxx1410I**

**The host-to-LAN print server received error *error\_text* when opening the ACB for printer *printer\_name*.**

**Explanation**

The host-to-LAN printer server attempted to open an ACB for printer *printer\_name* and received an error.

**System action**

The host-to-LAN printer task ends.

**System programmer response**

Check that the VTAM definition for the printer is correct.

**User response**

Correct the error. If the error cannot be corrected, notify your system programmer.

**Source**

LANRES

---

**EWXxx1411I**

**The *DELETE/MODIFY* command cannot be issued for an active printer.**

**Explanation**

The host-to-LAN printer server received an operator request to delete an entry from the printer definition table. However, a printer with name *printer\_name* is currently active.

**System action**

The host-to-LAN printer definition table is not updated.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1412I**

**The definition for printer *printer\_name* was not found.**

**Explanation**

The host-to-LAN printer server received an operator request to delete an entry from the printer definition table. However, an entry with name *printer\_name* does not exist.

**System action**

The host-to-LAN printer definition table is not updated.



## Source

LANRES

---

<b>EWXxx1415I</b>	<b>The host-to-LAN print server could not establish communications with the NetWare server.</b>
-------------------	---

## Explanation

The host-to-LAN printer server received a non-zero return code when it attempted to communicate with the NetWare file server.

## System action

The host-to-LAN printer server continues. No printers will be started.

## System programmer response

Ensure that the communications definition for the host-to-LAN print server is correct. A communications definition may be changed using the MODIFY operator command.

## User response

Contact your system programmer.

## Source

LANRES

---

<b>EWXxx1416E</b>	<b>The host-to-LAN print services module EWXHLPC could not be initialized.</b>
-------------------	--

## Explanation

The host-to-LAN printer server received a non-zero return code when it attempted to define the services module EWXHLPPC to MVS.

## System action

The host-to-LAN printer server ends.

## System programmer response

Contact your IBM service representative.

## User response

Contact your system programmer.

## Source

LANRES

---

<b>EWXxx1417E</b>	<b>The host-to-LAN print services module EWXHLPC could not be found.</b>
-------------------	--

## Explanation

The host-to-LAN printer server received a non-zero return code when it attempted to LOAD the services module EWXHLPPC.



**Source**

LANRES

---

**EWXxx1420E****The LANRES host-to-LAN Print server was not started by JES.****Explanation**

The LANRES host-to-LAN print server determined that it was started by an operator command, rather than by JES.

**System action**

The LANRES host-to-LAN print server ends.

**System programmer response**

Add the necessary FSSDEF statements to JES to start the host-to-LAN Print serving FSS.

**User response**

Contact your system programmer. Do not start the host-to-LAN print server by using the START command.

**Source**

LANRES

---

**EWXxx1421E****The LANRES host-to-LAN Print server could not obtain the command scheduler communications list.****Explanation**

The LANRES host-to-LAN print server received a non-zero return code from the EXTRACT service.

**System action**

The LANRES host-to-LAN print server ends.

**System programmer response**

Contact your IBM service representative.

**User response**

Contact your system programmer

**Source**

LANRES

---

**EWXxx1422E****The LANRES host-to-LAN Print server could not run non-swappable.****Explanation**

The LANRES host-to-LAN print server received a non-zero return code from the SYSEVENT DONTSWAP service.

**System action**

The LANRES host-to-LAN print server ends.



### **System programmer response**

Ensure that the PPT entry for the host-to-LAN Print server allows the server to become non-swappable, but does not specify that the server is non-swappable.

### **User response**

Contact your system programmer

### **Source**

LANRES

---

<b>EWXxx1423E</b>	<b>The LANRES host-to-LAN Print server could not find the FSI ORDER routine EWXHLOD.</b>
-------------------	--

### **Explanation**

The LANRES host-to-LAN print server received a non-zero return code when it attempted to LOAD module EWXHLOD.

### **System action**

The LANRES host-to-LAN print server ends.

### **System programmer response**

Ensure that EWXHLOD is in the library concatenation used by the host-to-LAN print server.

### **User response**

Contact your system programmer

### **Source**

LANRES

---

<b>EWXxx1424E</b>	<b>The LANRES host-to-LAN Print server could not establish a recovery routine.</b>
-------------------	--

### **Explanation**

The LANRES host-to-LAN print server received a non-zero return code from the ESTAE service.

### **System action**

The LANRES host-to-LAN print server ends.

### **System programmer response**

Contact your IBM service representative.

### **User response**

Contact your system programmer

### **Source**

LANRES

---

**EWXxx1425E**

**Storage not available for LANRES Print FSS.**

**Explanation**

The LANRES host-to-LAN print server could not obtain storage.

**System action**

The LANRES host-to-LAN print server ends.

**System programmer response**

Ensure there is enough storage available for LANRES host-to-LAN print serving to run.

**User response**

Contact your system programmer

**Source**

LANRES

---

**EWXxx1600E**

**Disk image name *name* is more than 8 characters.**

**Explanation**

The name for a LANRES disk image is longer than 8 characters.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Specify a disk image name with no more than 8 characters.

**Source**

LANRES

---

**EWXxx1601E**

**Error occurred while processing LANRES command options.**

**Explanation**

An error was detected while processing the LANRES command options. A previous message describes the error condition.

**System action**

Command processing ends.

**System programmer response**

None.







**System action**

The LANRES disk server program continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1610I** **Disk server shutting down per request.****Explanation**

This LANRES disk server is ending in response to a shutdown request.

**System action**

The LANRES disk server ends.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1611I** **Disk server stopped at request of disk driver program.****Explanation**

The LANRES disk driver program that runs on the NetWare file server has sent a request to end this LANRES disk server.

**System action**

The LANRES disk server ends.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1612S** **System error code occurred when attempting to start a timer.**

**Explanation**

An attempt to start a timer was unsuccessful.

**System action**

The LANRES disk server program ends.

**System programmer response**

None.

**User response**

Correct the error and restart this LANRES disk server.

**Source**

LANRES

---

**EWXxx1613E** **LANRES connection already established for another function.**

**Explanation**

A connection to the NetWare server already exists for a LANRES function other than disk serving. LANRES supports only one connection at a time to the NetWare server.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Drop the existing LANRES connection and restart the LANRES disk server.

**Source**

LANRES

---

**EWXxx1614E** **NetWare server connection information not available.**

**Explanation**

The LANRES disk server is unable to re-establish a connection to the NetWare server because no connection options were specified on the LANRES command line and the initial server connection was established before the EWXLDDSK command was issued.

**System action**

Command processing ends.





---

**EWXxx1617S**

**Unable to commit disk image *disk\_image\_name*: *error\_text*.**

**Explanation**

An attempt was made to commit the data written to the disk image but it was unsuccessful.

**System action**

The LANRES disk server ends.

**System programmer response**

None.

**User response**

Restart the LANRES disk server program and rewrite any data that may have been written immediately preceding the error.

**Source**

LANRES

---

**EWXxx1618I**

**Disk Server Release *release* Modification *modification* Service level *service\_level* started.**

**Explanation**

The LANRES disk server has successfully completed its initialization and is about to attempt communications with the LANRES disk driver program that runs on the NetWare file server.

**System action**

The LANRES disk server continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx1619S**

**Error closing disk image *disk\_image\_name*: *error\_text*.**

**Explanation**

LANRES was unable to close the indicate disk image and commit the changes.

**System action**

The LANRES disk server continues to end.





## Source

LANRES

---

**EWXxx1643E** Dataset name *dsname* in configuration file *filename* is too long.

## Explanation

The dataset name field of a disk image definition record in the indicated configuration file is longer than 10 characters.

## System action

The LANRES command ends and the disk server is not started.

## System programmer response

None.

## User response

Correct the configuration file and restart the LANRES disk server.

## Source

LANRES

---

**EWXxx1644E** No disk image definitions found in configuration file *filename*.

## Explanation

There were no disk image definition records found in the indicated configuration file.

## System action

The LANRES command ends and the disk server is not started.

## System programmer response

None.

## User response

Add one or more disk image definition records to the configuration file and restart the LANRES disk server.

## Source

LANRES

---

**EWXxx1645S** Error reading disk image *disk\_image\_name*: *error\_text*.

## Explanation

An attempt to read data from the indicated disk image was unsuccessful.

## System action

This LANRES disk server informed the LANRES disk driver program of the error and continued its usual operations.



## Explanation

The window size field in the indicated configuration file is incorrect. The window size must be a decimal number between 1 and 2048.

## System action

The LANRES command ends and the disk server is not started.

## System programmer response

None.

## User response

Correct the configuration file and restart the LANRES disk server.

## Source

LANRES

---

**EWXxx1653E Duplicate disk image name *disk\_name* specified.**

## Explanation

Two or more disk images with the same name were specified when this LANRES disk server was started.

## System action

The LANRES command ends and the disk server is not started.

## System programmer response

None.

## User response

Remove the specification of all but one of the disk images and restart this LANRES disk server.

## Source

LANRES

---

**EWXxx1654E Incorrect Access Mode field *access\_mode* in configuration file *filename*.**

## Explanation

The access mode field in the indicated configuration file is incorrect. Only a single character 'W' or 'R' is correct.

## System action

The LANRES command ends and the disk server is not started.

## System programmer response

None.

## User response

Correct the configuration file and restart the LANRES disk server.

## Source

LANRES

---

**EWXxx1655W** **More than 50 disk images defined.**

## Explanation

There were more than 50 disk images defined for this LANRES disk server. Only the first 50 images will be used.

## System action

The LANRES disk serving function continues.

## System programmer response

None.

## User response

Start another LANRES disk server to support the additional disk images.

## Source

LANRES

---

**EWXxx2001E** **The error returned was *error*.**

## Explanation

There was an error returned when a query was made to determine what function was connected to your userid. The error is listed in the message.

## System action

Command processing ends.

## System programmer response

None.

## User response

From the error returned, fix the problem and try the command again. This may require having to bring the connection to the server back up again.

## Source

LANRES

---

**EWXxx2003E** **Packets lost in the transmission; command cancelled.**

## Explanation

A read request has been sent but the number of packets read does not agree with the number of packets sent from the NetWare NLM server on the NetWare server.





## Source

LANRES

---

**EWXxx2006E**

**File *filename* already exists. Specify REPLACE option.**

## Explanation

The specified file already exists.

## System action

Command processing ends.

## System programmer response

None.

## User response

If you want to overwrite the contents of the file, then reenter the command with the REPLACE option. Otherwise, use a different file name.

## Source

LANRES

---

**EWXxx2007E**

**File *filename* already exists; specify REPLACE option.**

## Explanation

The specified file already exists.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

If you want to overwrite the file, reenter the command with the REPLACE option. If you want to keep the file, you can rename the file, using the command to rename, or you can specify a different file name for the new file. If you want to examine the file on the host, you can use the distribution command to receive the file to get a copy of it.

## Source

LANRES

---

**EWXxx2008E**

**File *filename* already exists; file name not changed.**

## Explanation

The distribution command to rename a file request was unsuccessful because the "new" file ID is already being used by another file.



## Source

LANRES

---

**EWXxx2011E** File *filename* is read-only.

## Explanation

The command was unsuccessful because it attempted to write to, copy to, rename, or delete a read-only file.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

If you want to change this file, change the file attributes to NORMAL using the CHANGE ATTRIBUTES distribution command and then reenter the command.

## Source

LANRES

---

**EWXxx2012E** The filename specified for the NetWare server, *dirname*, is a directory.

## Explanation

A filename was entered for the NetWare server. However, the filename that was entered is really a directory.

## System action

Command processing ends.

## System programmer response

None.

## User response

Reenter the command entering a valid NetWare filename and not a directory.

## Source

LANRES

---

**EWXxx2013E** Unsuccessful creating the directory *dname*.

## Explanation

A distribution command to copy a file or make a directory request was unsuccessful because it could not create the new directory on the NetWare server.

## System action

Command processing ends. The system status remains the same.



## User response

Reenter the command. It may be necessary to reissue the EWXCONN LINK command to reset the connection. If the condition persists, notify your system programmer.

## Source

LANRES

---

**EWXxx2016E** File *filename* is empty.

## Explanation

An LANRES command was issued to copy the file from the server to the host, but the server file is empty. It is not possible to retrieve an empty file.

## System action

Command processing ends.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx2017E** File *filename* has been changed since LASTMOD; file attributes not changed.

## Explanation

The file attributes are not changed because the file was changed at some point after the last modification date and time information specified on the EWXDS ATTRIBUTES request.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the file using the EWXDS LIST command and reenter the command with a different LASTMOD date and time.

## Source

LANRES

---

**EWXxx2018E** Message cannot be longer than *nn* characters; message not sent.

## Explanation

The distribution command to send a message to a NetWare user has been entered with message text that is longer than the maximum allowed. For messages sent to all users or to a specific user ID, the maximum is 57 characters. For messages sent to the NetWare console, the maximum is 79 characters.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Reenter the command with a shorter message text.

## Source

LANRES

---

**EWXxx2019E** **User *userid* is not logged in.**

## Explanation

The specified user is not logged in to the NetWare server, so no message has been sent. This message is applicable only when the *userid* option of the command is used.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Try again later after the user is logged in.

## Source

LANRES

---

**EWXxx2021E** **File *filename* not found.**

## Explanation

The specified file was not found. The file does not reside on the directory, the file identification was misspelled, or incomplete identification was provided.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.



## Explanation

The distribution command to copy files was entered to copy files from one directory to another directory and the specified target volume does not exist or the target volume does not have any space left.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Check that all the volumes are correctly allocated. If the specified volume has not been created, determine if this volume should be added or a different volume should be used by the user.

## User response

Enter the distribution command to list the volume information for your particular volume. If you get message 2021, the volume does not exist. Ask your system programmer for help. If the volume does exist, note the number of the blocks left in the volume. If you decide to erase some of the files, use the distribution command to delete files.

## Source

LANRES

---

**EWXxx2025E** Paths must end with a backslash when SUBDIR is specified.

## Explanation

The SUBDIR option can only be used to copy entire subdirectories and neither a source nor destination file name can be specified. The backslash (\) at the end of both the source path and destination path verifies that the previous characters are interpreted as subdirectory names instead of file names.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the error and reenter the command.

## Source

LANRES

---

**EWXxx2026E** Error opening the file *filename*.

## Explanation

An input/output error occurred when the specified file was being opened, or the file is an execute-only file, or the file is being used by another user.

## System action

Command processing ends. The system status remains the same.





## Source

LANRES

---

**EWXxx2029E**

**Unable to load file *filename* on the server.**

## Explanation

An error occurred while loading the indicated file on the server. Possible causes for the error are: the NLM is already loaded on the server and the NLM cannot be loaded more than once, the NLM requires that other NLMs be loaded first, or the file is not an NLM.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Verify that you are specifying the correct NLM and that all prerequisite NLMs are already loaded.

## Source

LANRES

---

**EWXxx2030E**

***command* was unsuccessful. DOS error code-*nn***

## Explanation

An unexpected error has occurred while working with files on the DOS partition of the server. It is possible that DOS has been removed from the server.

## System action

Command processing ends.

## System programmer response

Verify that DOS has not been removed from the server. The DOS error code meaning can be found in the DOS reference manual.

## User response

Verify that the command syntax is correct and retry the command. If the error persists, notify your server administrator.

## Source

LANRES

---

**EWXxx2032E**

**Incorrect distribution command *name* issued.**

## Explanation

The user entered a command that was not recognized by the distribution.

### **System action**

Command processing ends. The system status remains the same.

### **System programmer response**

None.

### **User response**

Verify that the distribution command was spelled correctly.

### **Source**

LANRES

---

<b>EWXxx2033E</b>	<b>The UNIT parameter contains incorrect syntax. The 5th character must be a dash (-).</b>
-------------------	--

### **Explanation**

The fifth character must be a dash (-) when the six character format is specified.

### **System action**

The distribution command is not processed.

### **System programmer response**

None.

### **User response**

Correct and retry the failing command.

### **Source**

LANRES

---

<b>EWXxx2034E</b>	<b>The UNIT parameter has incorrect length. The length must be 4 to 6 characters.</b>
-------------------	---

### **Explanation**

The UNIT parameter must contain at least four characters and not more than six.

### **System action**

The distribution command is not processed.

### **System programmer response**

None.

### **User response**

Correct and retry the failing command.

## Source

LANRES

---

**EWXxx2036E**

**Error copying the file *filename*.**

## Explanation

An input/output error occurred when the specified file was being copied. The primary File Allocation Table or Directory table may be damaged.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Run the NetWare VREPAIR NLM to correct hard disk problems on the volume. VREPAIR will correct minor problems that can occur if the primary File Allocation Table or Directory table is damaged.

## User response

Reenter the command. If the error persists, notify your system programmer.

## Source

LANRES

---

**EWXxx2039E**

**End of file reached; no file was copied.**

## Explanation

The server file contains only an end-of-file character. This file is considered to be empty and cannot be copied. This error will also occur when request is made to copy from a particular record of the file, and the file contains less than that number of records.

## System action

Command processing ends.

## System programmer response

None.

## User response

Verify that the file does contain data, and the number of records in the file. Reenter the command with the correct values or parameters.

## Source

LANRES

---

**EWXxx2040E**

**Distribution command *name* ended with a server error code of *nn*.**

## Explanation

An unexpected error occurred while processing the command.

### **System action**

Command processing ends. The system status remains the same.

### **System programmer response**

See the *NetWare System Messages* for the server error code.

### **User response**

Verify that the command syntax is correct and reenter the command. If the error persists, notify your system programmer of the server error code.

### **Source**

LANRES

---

**EWXxx2041I** *time renaming filename1 to filename2.*

### **Explanation**

The information message is displayed when the distribution command to rename a file with the option to TYPE out information messages is used.

### **System action**

The specified operation is performed.

### **System programmer response**

None.

### **User response**

None.

### **Source**

LANRES

---

**EWXxx2042I** *time copying filename1 to filename2.*

### **Explanation**

The information message is displayed when the distribution command to copy a file with the option to TYPE out information messages is chosen.

### **System action**

The specified operation is performed.

### **System programmer response**

None.

### **User response**

None.





## Source

LANRES

---

<b>EWXxx2057I</b>	<b>Filename</b>	<b>Size</b>	<b>Attrs</b>	<b>Last Arc</b>	<b>Date</b>	<b>Time</b>
-------------------	-----------------	-------------	--------------	-----------------	-------------	-------------

---

## Explanation

This is used for a header that will be formatted and displayed.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

<b>EWXxx2058I</b>	<b>Filename</b>	<b>Size</b>	<b>Attrs</b>	<b>Create</b>	<b>Date</b>	<b>Time</b>
-------------------	-----------------	-------------	--------------	---------------	-------------	-------------

---

## Explanation

This is used for a header that will be formatted and displayed.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

<b>EWXxx2059I</b>	<b>Filename</b>	<b>Size</b>	<b>Attrs</b>	<b>Mod</b>	<b>Date</b>	<b>Time</b>
-------------------	-----------------	-------------	--------------	------------	-------------	-------------

---

## Explanation

This is used for a header that will be formatted and displayed.

## System action

None.



### **System programmer response**

None.

### **User response**

None.

### **Source**

LANRES

---

**EWXxx2060I** *p1 p2 p3 p4/p5/p6 p7:p8:p9*

### **Explanation**

This is used for a buffer that will be formatted and displayed.

### **System action**

None.

### **System programmer response**

None.

### **User response**

None.

### **Source**

LANRES

---

**EWXxx2061E** *Error\_text returned on open of dataset dataset*

### **Explanation**

The attempt to open dataset *dataset* on the host, was unsuccessful. The reason for the error is identified in the message.

### **System action**

Command processing ends.

### **System programmer response**

None.

### **User response**

The error text will identify the reason for the error. Possible causes include: *dataset* was not found or access was denied. Actions will depend on the specific cause of the error.

### **Source**

LANRES

---

**EWXxx2062I** *Directories found: dirs.*

## Explanation

Indicates the number of directories found when the distribution command to list the files in a directory was issued.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx2063I** **Files found: *files* (bytes Bytes).**

## Explanation

Indicates the number of files found when the distribution command to list the files in a directory was issued and the number of bytes these files occupy.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx2064I** ***buffer***

## Explanation

Displays a buffer that has been formatted to the user.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx2065I** *parm1 parm2 parm3 parm4 parm5*

## Explanation

Sets up a buffer to be formatted and displayed to the user.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx2066E** **The directory name, *dirname*, specifies a server.**

## Explanation

A directory name was entered that included a server name. The server name cannot be a part of the directory name.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

You can do one of two things. Enter the directory name again without the server name. Or, if you are not logged in to the server that you want to run the command against, log in to this server and try running the command again.

## Source

LANRES

---

**EWXxx2067E** **Incorrect filename, *filename*, specified.**

## Explanation

The file name entered is not a valid file name.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Specify a correct file name.

**Source**

LANRES

---

**EWXxx2068E** **Incorrect time, *time*, specified.**

**Explanation**

The time entered in not a valid time.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Choose a valid time and reenter the command.

**Source**

LANRES

---

**EWXxx2069E** **Incorrect date, *date*, specified.**

**Explanation**

The date entered in not a valid date.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Choose a valid date and reenter the command.

**Source**

LANRES

---

**EWXxx2070E**

**Error\_text returned on reading of file filename.**

**Explanation**

An attempt to read the host file, *filename*, was unsuccessful. The reason for the error is specified by *error\_test*.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Use the information provided by *error\_text* to determine the cause of this error.

**Source**

LANRES

---

**EWXxx2071E**

**The connection to the server is to the administration function.**

**Explanation**

You are requesting to run a distribution command, but you do not have a connection to the distribution function.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Drop the connection from the current function, get a connection to the distribution function, and reenter the command.

**Source**

LANRES

---

**EWXxx2072E**

**There is no connection to the server.**

**Explanation**

You issued a command for the LANRES, but you do not have a connection to the server.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

## User response

Issue the EWXCONN LINK command to receive a connection to the NetWare server.

## Source

LANRES

---

**EWXxx2073E**

**The connection to the server is to the disk function.**

## Explanation

You are requesting to run a distribution command, but you do not have a connection to the distribution function.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Drop the connection from the current function, get a connection to the distribution function, and reenter the command.

## Source

LANRES

---

**EWXxx2074E**

**The connection to the server is to the host-to-LAN Print function.**

## Explanation

You are requesting to run a distribution command, but you do not have a connection to the distribution function.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Drop the connection from the current function, get a connection to the distribution function, and reenter the command.

## Source

LANRES

---

**EWXxx2075E**

**The connection to the server is to the LAN-to-host Print function.**

## Explanation

You are requesting to run a distribution command, but you do not have a connection to the distribution function.







**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2156I** Host Function..... *function*

**Explanation**

The command you entered were made by this LANRES host function.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2157I** Host Level..... *vversion.release.mod.sl*

**Explanation**

This is the level of the host LANRES program that you are using.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2158I** NLM Function..... *function*

**Explanation**

This is the LANRES function that you are connected to on the NetWare server.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2159I** **NLM Service Level . . . . . service\_level**

**Explanation**

This is the service level of the LANRES function that you are connected to on the NetWare server.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2175I** **None**

**Explanation**

This is a message used in an information message.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2176E*****Error\_text* returned on writing to dataset *dataset*.****Explanation**

An attempt to write to dataset *dataset* on the host, was unsuccessful. The reason for the error is specified by *error\_text*.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Use the information provided by *error\_text* to determine the problem.

**Source**

LANRES

---

**EWXxx2177E*****Error\_text* returned on closing dataset *dataset*.****Explanation**

An attempt to close dataset *dataset* on the host, was unsuccessful. The reason for the error is specified by *error\_text*.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Use the information provided by *error\_text* to determine the problem.

**Source**

LANRES

---

**EWXxx2178E*****Error\_text* returned on deleting dataset *dataset*.****Explanation**

An attempt to delete dataset *dataset* on the host, was unsuccessful. The reason for the error is specified by *error\_text*.

**System action**

Command processing ends. The system status remains the same.















## Source

LANRES

---

**EWXxx2197E**

**The dataset specified is not a partitioned dataset.**

## Explanation

The dataset name specified is not a partitioned dataset. But, you specified the member option as if it were a partitioned dataset.

## System action

Command processing ends.

## System programmer response

None.

## User response

Reenter the command entering a valid partitioned dataset name if you are using the member option or enter a valid sequential dataset name without the member option.

## Source

LANRES

---

**EWXxx2198E**

**The dataset specified is not a sequential dataset.**

## Explanation

The dataset name specified is not a sequential dataset, but is a partitioned dataset.

## System action

Command processing ends.

## System programmer response

None.

## User response

Reenter the command entering a valid partitioned dataset name if you are using the member option or enter a valid sequential dataset name without the member option.

## Source

LANRES

---

**EWXxx2199E**

**The *option\_1* option must be used before specifying *option\_2*.**

## Explanation

In order to use the option specified, put either ASCII or BINARY before the option shown in the message.

## System action

Command processing ends.



**Explanation**

The program running was unable to allocate sufficient storage to complete the command.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Contact your system programmer.

**Source**

LANRES

---

**EWXxx2304E** **Error translating string.****Explanation**

While attempting to translate a string, a translation error occurred. The string may have been a server file name or the actual data that was being sent to the server.

**System action**

Command processing ends.

**System programmer response**

Verify that the user has the correct code pages selected and that the translation tables are available.

**User response**

Contact your system programmer.

**Source**

LANRES

---

**EWXxx2305E** **Error\_text error returned from pipe.****Explanation**

The identified error was returned from the host to server connection. The data link is probably not available.

**System action**

Command processing ends.

**System programmer response**

None.

## User response

Reenter the command. If the problem persists, take down the link using the EWXCONN DROP command and restart it with the EWXCONN LINK command.

## Source

LANRES

---

**EWXxx2306E** *Error\_text returned on read of file filename*

## Explanation

The specified error was returned when reading from the identified file.

## System action

Command processing ends.

## System programmer response

None.

## User response

The cause of the error should be identified in the error text. Correct the problem and reenter the command.

## Source

LANRES

---

**EWXxx2307W** *Error\_text error returned on close of file filename*

## Explanation

The specified error was returned when attempting to close the identified file. The file may be intact.

## System action

Command processing ends.

## System programmer response

None.

## User response

Examine the file to determine if the content is correct. If not, the error text identifies the cause of the error. Correct the problem and reenter the command.

## Source

LANRES

---

**EWXxx2308E** *Incorrect server volume name: volname*

## Explanation

The server volume name specified on the PC file name path was incorrect or missing. The volume name must be specified for all files.





## Explanation

The specified error was returned when writing to the identified dataset.

## System action

Command processing ends.

## System programmer response

None.

## User response

The cause of the error is identified in the error text. Correct the problem and reenter the command.

## Source

LANRES

---

**EWXxx2314W** *Error\_text returned on open of dataset dataset.*

## Explanation

An attempt to open the translation defaults dataset was unsuccessful. The reason for the error is identified by *error\_text*.

## System action

Command processing continues.

## System programmer response

If the user was denied access, grant them access to the dataset.

## User response

The file transfer will continue using the system default values. If these are not correct, remove the transferred file and reenter the command with the correct translation defaults file specified in the EWXTRANS ddname. If the error text indicates improper authorization, see your system programmer.

## Source

LANRES

---

**EWXxx2315I** *Time starting transfer of name*

## Explanation

*name* is being transferred to the server or from the server. This message is informational only.

## System action

None. Message is informational only.

## System programmer response

None.



## User response

None.

## Source

LANRES

---

**EWXxx2316I** *Time completed transfer of name*

## Explanation

*name* is being transferred to the server or from the server. This message is informational only.

## System action

None. Message is informational only.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx2317W** *The entry filename in defaultname is too long.*

## Explanation

The entry, *filename*, in the translation defaults, *defaultname*, was incorrect. Names must be shorter than the system identified maximum length.

## System action

Command processing continues. Warning message only.

## System programmer response

If the problem is in the system translation defaults, correct the identified entry.

## User response

If you are using your own file, correct the entry. If you are using the system defaults file, contact your system programmer.

## Source

LANRES

---

**EWXxx2318W** *Extension entry extension in defaultname exceeds 3 characters.*

## Explanation

The specified extension entry in the translation defaults identified in the message text was incorrect. Extensions must be less than or equal to 3 characters in length.

## System action

Command processing continues. Warning message only.

## System programmer response

If the problem is in the system EWXTRANS default file, correct the identified entry.

## User response

If you are using your own file, correct the entry. If you are using the system defaults file, contact your system programmer.

## Source

LANRES

---

**EWXxx2319W** *Error\_text* error returned on read of dataset *dataset*

## Explanation

This error *error\_text* was returned when reading from dataset *dataset*. The dataset opened was not critical to the success of the command.

## System action

Command processing continues. Warning message only.

## System programmer response

None.

## User response

The cause of the error should be identified in the error text. Correct the problem and if necessary, reenter the command.

## Source

LANRES

---

**EWXxx2320W** Unable to create directory *dirname* DOS Return code *dos-return-code*

## Explanation

While attempting to create a directory on the NetWare server, an unexpected error condition occurred. File transfers will continue, but other errors may occur. The DOS return code given is displayed to help in finding the cause of the error.

## System action

Command processing continues. Warning message only.

## System programmer response

None.

## User response

Determine the cause of the error, correct, and if necessary reenter the command.

## Source

LANRES

---

**EWXxx2323E**

***Error\_text* returned from read file list.**

## Explanation

As part of the command processing, LANRES created a list of the datasets. While reading from this list an error occurred. The error text describes the error that occurred.

## System action

Command processing ends.

## System programmer response

None.

## User response

Determine the cause of the error from the error text. If necessary contact your software support personnel.

## Source

LANRES

---

**EWXxx2325W**

**Server File extension *file\_extension* too long - truncated.**

## Explanation

The server file extension given to LANRES was too long. The file extension is truncated to 3 characters.

## System action

Command processing continues.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx2326W**

**Server File name *file\_name* too long - truncated.**

## Explanation

The server file name given to LANRES was too long. The file name is truncated to 8 characters.

## System action

Command processing continues.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx2328E** Unable to delete dataset - *filename* Reason *error\_text*

## Explanation

An error occurred while transferring the file from the NetWare server. As a result, an attempt was made to clean up and delete the dataset that was created. However, the error, *error\_text*, occurred while trying to delete the dataset.

## System action

Command processing ends.

## System programmer response

None.

## User response

Based on the error text, determine why the dataset could not be removed. The dataset may contain incomplete data and should be removed. Or, if the dataset is EWXLANDS.LISTUT1, then an attempt was made to erase the dataset that contained the list of server files. You need to just erase this dataset.

## Source

LANRES

---

**EWXxx2329E** Option **SUBDIR** must be specified when server directory is specified.

## Explanation

The NetWare file name given identified a server directory and the SUBDIR option was not specified, or the SUBDIR option was specified and the NetWare file name was not a directory name. LANRES considers a path a directory when it ends with a slash (/) or a backslash (\).

## System action

Command processing ends.

## System programmer response

None.

## User response

Reenter the command, specifying a file for the server directory, or adding the SUBDIR option.

## Source

LANRES

---

**EWXxx2330E** File *filename* cannot be created. No space on device.

## Explanation

The NetWare server returned an indication that the volume is full. The file cannot be allocated.

## System action

Command processing ends.

## System programmer response

The volume may give a full indication because deleted files have not been purged. Issue the PURGE command to free up space. If this does not free sufficient space, add a new volume segment to the volume.

## User response

This condition may only be temporary. Retry the command at a later time. If the problem persists, contact the system programmer.

## Source

LANRES

---

**EWXxx2331E** Server File extension *file\_extension* too long

## Explanation

The server file extension given to LANRES was too long. When copying a file from the NetWare server, the server file extension given must be 3 characters or less.

## System action

Command processing ends.

## System programmer response

None.

## User response

Reissue the command, specifying a valid extension.

## Source

LANRES

---

**EWXxx2332E** Server File name *file\_name* too long

**Explanation**

The server file name given to LANRES was too long. When copying a file from the NetWare server, server file name must be between 1 and 8 characters.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Reissue the command, specifying a valid file name.

**Source**

LANRES

---

**EWXxx2333E** **Subdirectory option not allowed to DOS partitions.**

**Explanation**

A command was issued that requested copying subdirectories to or from the server's DOS partition. Subdirectory operations are not supported for DOS partitions.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Reissue the command without the subdirectory option.

**Source**

LANRES

---

**EWXxx2401I** **VOLUME NAME**

**Explanation**

This is used for a header that will be formatted and displayed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2402I****BLKSIZE****Explanation**

This is used for a header that will be formatted and displayed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2403I****BLK USED-(%)****Explanation**

This is used for a header that will be formatted and displayed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2404I****BLK LEFT****Explanation**

This is used for a header that will be formatted and displayed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2405I****BLK TOTAL****Explanation**

This is used for a header that will be formatted and displayed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2406I****VOLUME MOUNTED - STATISTICS NOT AVAILABLE****Explanation**

This is used for a header that will be formatted and displayed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES



---

**EWXxx2408E**

**The file specified, *fname*, is a directory.**

**Explanation**

The filename that was specified is not a file, but a directory.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Determine the correct filename to be used for the operation to perform and retry the operation.

**Source**

LANRES

---

**EWXxx2409E**

**The file name or directory specified, *filename*, is on a DOS partition.**

**Explanation**

The file name or directory entered exists on a DOS partition. The command or command option that you entered does not support a file or directory names on a DOS partition.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Specify a file or directory name that is not on a DOS partition.

**Source**

LANRES

---

**EWXxx2410W**

**EWXDS LIST does not display DOS partition subdirectory information.**

**Explanation**

The EWXDS LIST does not support showing subdirectory information for a DOS partition. The SUBDIR option is ignored.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.







**System action**

Command processing ends.

**System programmer response**

The cause of the error is identified in the error text. Correct the problem.

**User response**

None.

**Source**

LANRES

---

**EWXxx2454I** **No page aligned storage available for compression dictionary.****Explanation**

COMPRESS option was specified, but there was an error when trying to get page aligned storage for a compression/expansion dictionary. An attempt will be made to compress without using a dictionary.

**System action**

Command processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx2455I** **No storage available to compress file.****Explanation**

COMPRESS option was specified, but there was an error when trying to get storage for compressing a file.

**System action**

The file will be saved uncompressed.

**System programmer response**

None.

**User response**

None.

## Source

LANRES

---

**EWXxx2456E**

**Storage not available to check if should expand file *filename*.**

## Explanation

A file may have been saved on a GET using the COMPRESS option. Storage needed to determine if the file was compressed was unavailable.

## System action

The PUT function stops.

## System programmer response

None.

## User response

Ensure there is sufficient virtual storage available and reenter the command.

## Source

LANRES

---

**EWXxx2457E**

**Error expanding compressed dictionary - *error\_text*.**

## Explanation

A file written to the host with the COMPRESS option could not be retrieved because its dictionary was compressed and could not be expanded.

## System action

The PUT function stops.

## System programmer response

Correct the problem causing the compression dictionary to not be able to be expanded.

## User response

None.

## Source

LANRES

---

**EWXxx2458E**

**Data was compressed using a later level of code than PUT expansion code supports.**

## Explanation

The level of code used when data was compressed on the GET is newer than the level of code available to expand the code on the PUT. The code cannot be expanded.

### **System action**

The PUT function stops.

### **System programmer response**

Ensure that the newest level of the PUT code is available on the system.

### **User response**

None.

### **Source**

LANRES

---

<b>EWXxx2459I</b>	<b>No compression was done because compression dictionary could not be built - <i>error_text</i>.</b>
-------------------	---

### **Explanation**

COMPRESS option was specified, but was not used because a compression dictionary could not be built and an alternate algorithm not requiring a dictionary was not available.

### **System action**

The file will be saved uncompressed.

### **System programmer response**

Correct the problem causing the compression dictionary to not be built. Also, ensure that all host compression/expansion algorithms are available.

### **User response**

None.

### **Source**

LANRES

---

<b>EWXxx2461E</b>	<b>COMPRESS option invalid when output is to the display device.</b>
-------------------	--

### **Explanation**

The COMPRESS option was specified, but no output dsname was specified. The output to the display device would be unreadable.

### **System action**

GET processing for this file stops.

### **System programmer response**

None.

## User response

Specify a dsname for a file that is to be compressed, or do not specify the COMPRESS option if the file is to be displayed.

## Source

LANRES

---

**EWXxx3001E** **User or group already exists.**

## Explanation

The user or group already exists. Two causes of this message are:

- Attempting to add an already existing user or group.
- Attempting to rename a user or group to an already existing user or group.

If you are using NetWare Version 4.01 or later, this message may indicate that there is another directory services object by the same name on the server. Directory services does not allow objects of different object types to use the same object name. For example, you cannot have a user and a print queue named SAM on the same server.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the specified user or group name. If the spelling is incorrect, correct it. Reenter the command.

If you are using NetWare Version 4.01 or later, make sure there is no other object by the same name on the server.

## Source

LANRES

---

**EWXxx3002E** **Incorrect user or group name.**

## Explanation

A command was entered specifying a user or group that could not be found. The use of special characters could produce this message.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.



## User response

Check the spelling of the specified user or group name. If the spelling is incorrect, correct it. Reenter the command.

## Source

LANRES

---

**EWXxx3003E** Special characters not allowed in user or group name.

## Explanation

A user or group name cannot contain spaces or any of the following special characters:

Character	Name
/	(slash)
\	(backslash)
:	(colon)
;	(semicolon)
,	(comma)
*	(asterisk)
?	(question mark)

NetWare may also restrict the user or group name from containing other special characters. This message may appear if no name is specified.

**Note:** Not all commands produce this message when a user or group name contains one of the listed characters. Some commands will return message 3002E `Incorrect user or group name.`

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Reenter the command with a valid name.

## Source

LANRES

---

**EWXxx3004E** User or group does not exist.

## Explanation

A command was entered specifying a user or group that could not be found.

## System action

Command processing ends. The system status remains the same.



## Source

LANRES

---

**EWXxx3007E**

**Command rejected: "Allow User To Change Password" is set to "no".**

## Explanation

A command was entered which requires the "Allow User To Change Password" field in the Account Restrictions screen of SYSCON to be set to "YES".

If you are using NetWare Version 4.01 or later, the "Allow User To Change Password" field can be found in the Password Restrictions screen of the NETADMIN or NWADMIN utility.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Load the NetWare SYSCON utility at a client workstation. Select Account Restrictions on the User Information panel. Change the "Allow User to Change Password" field in SYSCON to "YES". If the user ID's password needs to be changed, you may use the SYSCON utility or enter the LANRES change password command, EWXADMIN CHPW.

If you are using NetWare Version 4.01 or later, you can use the NETADMIN or NWADMIN utility to change the "Allow User To Change Password" field in the Password Restrictions screen.

## User response

Ask your system programmer or someone who manages your account to change your user ID's "Allow User To Change Password" field to "YES". If you want your password changed, your system programmer or someone who manages your account can change it for you.

## Source

LANRES

---

**EWXxx3008E**

**Command rejected: "Force Periodic Password Changes" is set to "no".**

## Explanation

A command was entered which requires the "Force Periodic Password Changes" field in the Account Restrictions screen of SYSCON to be set to "YES".

If you are using NetWare Version 4.01 or later, the "Force Periodic Password Changes" field can be found in the Password Restrictions screen of the NETADMIN or NWADMIN utility.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Enter the following command with the interval parameter set to a suitable non-zero value (SYSCON uses a default of 40):

- Enter the EWXADMIN PWEXPINT command.

## Source

LANRES

---

**EWXxx3009E** **Print queue or print server already exists.**

## Explanation

The command was unsuccessful because the print queue or print server already exists. Two causes of this message are:

- Attempting to add an already existing print queue or print server
- Attempting to rename a print queue or print server to an already existing print queue or print server.

If you are using NetWare Version 4.01 or later, this message may indicate that there is another directory services object by the same name on the server. Directory services does not allow objects of different object types to use the same object name. For example, you cannot have a user and a print queue named SAM on the same server.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the specified print queue or print server name. If the spelling is incorrect, correct it. Reenter the command.

If you are using NetWare Version 4.01 or later, make sure there is no other object with the same name on the server.

## Source

LANRES

---

**EWXxx3010E** **Incorrect print queue or print server name.**

## Explanation

A command was entered specifying a print queue or print server that could not be found.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the specified print queue or print server name. If the spelling is incorrect, correct it. Reenter the command.

## Source

LANRES

---

**EWXxx3011E**

**Special characters not allowed in print queue or print server name.**

## Explanation

A print queue or print server name cannot contain spaces or any of the following special characters:

Character	Name
/	(slash)
\	(backslash)
:	(colon)
;	(semicolon)
,	(comma)
*	(asterisk)
?	(question mark)

NetWare may also restrict the print queue or print server name from containing other special characters. This message may appear if no name is specified.

**Note:** Not all commands produce this message when a print queue or print server name contains one of the listed characters. Some commands will return message **3010E Incorrect print queue or print server name.**

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Examine the specified print queue or print queue name. If the name contains any of the special characters, remove them. Reenter the command with a valid print queue or print server name.

## Source

LANRES

---

**EWXxx3012E**

**Print queue or print server does not exist.**

## Explanation

A command was entered specifying a print queue or print server that could not be found.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the specified print queue or print server name. If the spelling is incorrect, correct it. Reenter the command.

## Source

LANRES

---

**EWXxx3013E**

**Print queue not deleted; print jobs still present.**

## Explanation

The command to delete the print queue was unsuccessful because print jobs were still present in the print queue.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

If you want to delete the print queue regardless of the existing job count, reenter the command with the FORCE parameter.

## Source

LANRES

---

**EWXxx3014E**

**Directory could not be created.**

## Explanation

The attempt to create a directory was unsuccessful. The directory path for the directory being created may not exist.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Connect to the distribution function and enter the following command to determine the cause of the error:

- Enter the EWXDS MKDIR command.

## Source

LANRES

---

**EWXxx3015E**

**Specified file(s) or directory could not be removed.**







2. Run the command sequence that caused the error again. The assumption here is that the error is repeatable.
3. Enter EWXADMIN DISPDB. This displays the trace information on the host terminal screen and also writes it to a trace file. The LANRES trace file is *prefix*.EWXADMIN.DEBUGMSG.
4. Enter EWXADMIN DEBUG OFF. This returns the administration function to normal mode.
5. Examine the trace file for problem determination and fault isolation.

### User response

Notify your system programmer of the internal error code.

### Source

LANRES

---

**EWXxx3020E** **Command rejected: Command chaining is not active.**

### Explanation

The EWXADMIN ENDCC command cannot be used unless a EWXADMIN BEGINCC command is in progress.

### System action

Command processing ends. The system status remains the same.

### System programmer response

None.

### User response

Change the command sequence.

### Source

LANRES

---

**EWXxx3021E** **Command rejected: Command chaining is not active.**

### Explanation

The EWXADMIN RESTSYS command cannot be used unless a EWXADMIN BEGINCC command is in progress.

### System action

Command processing ends. The system status remains the same.

### System programmer response

None.

### User response

Change the command sequence.

### Source

LANRES

---

**EWXxx3022E**

**Command rejected: Bindery cannot be saved during command chaining.**

### **Explanation**

The EWXADMIN SAVEBIND command cannot be used while a EWXADMIN BEGINCC command is in progress. If a EWXADMIN SAVEBIND command is processed, the bindery files saved during the start of command chaining would be overlaid. In this case, the EWXADMIN RESTSYS command would not be able to restore the originally saved bindery files.

### **System action**

Command processing ends. The system status remains the same.

### **System programmer response**

None.

### **User response**

Change the command sequence.

### **Source**

LANRES

---

**EWXxx3023E**

**Command rejected: Bindery cannot be restored during command chaining.**

### **Explanation**

The EWXADMIN RESTBIND command cannot be used while a EWXADMIN BEGINCC command is in progress. If a EWXADMIN RESTBIND command is processed, the bindery files saved during the start of command chaining would be restored. In this case, any bindery modifications after the EWXADMIN BEGINCC command and prior to the EWXADMIN RESTBIND command would be lost.

### **System action**

Command processing ends. The system status remains the same.

### **System programmer response**

None.

### **User response**

Change the command sequence.

### **Source**

LANRES

---

**EWXxx3024E**

**Login script file exceeds the limit of 4000 bytes.**

### **Explanation**

The command cannot process login script files longer than 4000 bytes.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

You must use the distribution function to copy the login script file to the server. For example, assume there is a user named BIGUSER and a login script file on the host named *prefix*.BIGLOGIN.SCRIPT is longer than 4000 bytes.

Enter the following sequence of commands to install the file on the server:

1. While still attached to the administration function, enter:

```
EWXADMIN USERINFO BIGUSER SYS
```

BIGUSER's internal ID is returned along with other information. Assume the internal ID returned is 1F000037.

2. Use the EWXCONN DROP command to drop the connection to the administration function and the EWXCONN LINK command to connect to the distribution function.
3. If this system is using DOS as an operating system, enter:

```
EWXDS PUT 'prefix.BIGLOGIN.SCRIPT'  
SYS:\MAIL\1F000037\LOGIN (REPLACE
```

If this system is using OS/2 as an operating system, enter:

```
EWXDS PUT 'prefix.BIGLOGIN.SCRIPT'  
SYS:\MAIL\1F000037\LOGIN.OS2 (REPLACE
```

## Source

LANRES

---

**EWXxx3027E**

**Debug facility in use on target server.**

## Explanation

The debug facility is already in use by another user on the target server. You must wait for that user to stop use of the debug facility before you can use it.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Tell the user of the debug facility to stop the debug facility by entering the following command:

- Enter:

```
EWXADMIN DEBUG OFF
```

## User response

Wait and retry the operation.

## Source

LANRES

---

**EWXxx3028E**

**Command rejected: Debug mode is off.**

## Explanation

This command requires that debug mode be enabled.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Enable the debug facility with the following command:

- Enter:

```
EWXADMIN DEBUG ON
```

You must have trustee rights to LANADME.DBG and LANADMO.DBG in the SYS:\SYSTEM\directory to use the debug function. Reenter the unsuccessful command.

## Source

LANRES

---

**EWXxx3029E**

**Unable to open debug file.**

## Explanation

The debug file could not be opened on the server. This is usually because the user has insufficient trustee rights or the operating system is unable to open the file (for example, if it is out of disk space).

## System action

Command processing ends. Debug mode is not enabled.

## System programmer response

If the user should be able to use the debug facility, give the user trustee rights to LANADME.DBG and LANADMO.DBG in SYS:\SYSTEM\.

## User response

None.

## Source

LANRES

---

**EWXxx3030E**

**Unable to open bindery information file.**

## Explanation

The bindery information file could not be opened on the server. This is usually because the user has insufficient trustee rights or the operating system is unable to open the file (for example, if it is out of disk space). The file is BINDERY.LST in SYS:\SYSTEM\, and is used by the EWXADMIN QUERY BINDERY command.

## System action

Command processing ends. The system status remains the same.

## System programmer response

If the user should be able to enter the query bindery command, give the user trustee rights to BINDERY.LST in SYS:\SYSTEM\.

## User response

None.

## Source

LANRES

---

**EWXxx3031E** **Current password not entered or incorrect.**

## Explanation

A password in the correct format must be supplied. in the format required.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Use the keyword NULL for the password if you are trying to assign a null password (which means no password) to a user. Otherwise, retry the command with a valid password.

## Source

LANRES

---

**EWXxx3032E** **Unable to close debug file.**

## Explanation

The system could not close the debug file. This might happen if you lost trustee rights to the file (for example, someone removed them) before you disabled the debug facility.

## System action

Command processing ends. The system status remains the same.



## Source

LANRES

---

**EWXxx3035E**

**Command rejected: Target server busy command chaining.**

## Explanation

The function you requested cannot be performed at this time because another user has begun command chaining operations on the target server. You must wait until that user finishes and then retry the command.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Inform the user performing command chaining to stop it by entering the following command:

- Enter:

```
EWXADMIN ENDCC
```

or

```
EWXADMIN RESTSYS
```

## User response

Wait and retry the operation.

## Source

LANRES

---

**EWXxx3036E**

**Member already exists.**

## Explanation

The command was unsuccessful. Two causes are:

- Attempting to add a user to a group when the user is already a member of that group
- Attempting to make a user a work group manager when the user is already a work group manager

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the user or group name specified on the command line. If the spelling is correct, you may have entered the command previously. If the spelling is incorrect, correct it. Reenter the command.

## Source

LANRES

---

**EWXxx3037E**

**Incorrect path specified, or trustee rights to the path required.**

**Explanation**

A command was entered specifying a path that was incorrect or nonexistent, or the proper trustee rights are required for the path before the command can be processed.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

Assign trustee rights, if required, to the user for the path specified on the command line.

**User response**

Verify that the correct volume name and path were entered correctly on the command line. If the path is correct and you need trustee rights for the path, ask your system programmer to assign the trustee rights to you.

**Source**

LANRES

---

**EWXxx3038E**

**Member does not exist.**

**Explanation**

The command tried to remove an existing user or group as a member when the user or group is not a member.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Check the spelling of the user or group name specified on the command line. If the spelling is correct, you may have entered the command previously. If the spelling is incorrect, correct it. Reenter the command.

**Source**

LANRES

---

**EWXxx3039E**

**The password is shorter than the minimum password length or greater than 127 characters.**

**Explanation**

The user ID's password must have a length greater than or equal to the value of the "Minimum Password Length" field, but not greater than 127 characters long.

**System action**

Command processing ends. The system status remains the same.





**Note:** Not all commands produce this message when a print queue or print server name contains one of the listed characters.

### **System action**

The print queue is created but the print server is not assigned to it.

### **System programmer response**

None.

### **User response**

Examine the specified print server name. If the name contains any of the special characters listed, remove them. Use the EWXADMIN ASQSERV command to assign the correct print server to the new print queue.

### **Source**

LANRES

---

**EWXxx3042W** **Print queue created but the print server does not exist.**

### **Explanation**

The command tried to create a print queue and assign a print server to it. The print queue was created successfully, but the command was unsuccessful while attempting to assign a print server to the print queue. The specified print server name could not be found. Use the NetWare PCONSOLE utility to verify that the print server exists.

### **System action**

The print queue is created but the print server is not assigned to it.

### **System programmer response**

None.

### **User response**

Check the spelling of the specified print server name. If the spelling is incorrect, correct it. Use the EWXADMIN ASQSERV command to assign the correct print server to the new print queue.

### **Source**

LANRES

---

**EWXxx3043W** **Print queue created but print server not assigned to it.**

### **Explanation**

The command tried to create a print queue and assign a print server to it. The print queue was created successfully, but the command was unsuccessful while attempting to assign a print server to the print queue. This error message may appear when the server is out of memory or when the bindery is locked.

### **System action**

The print queue is created, but the print server is not assigned to it.

## System programmer response

Use the NetWare PCONSOLE utility to verify that the print server exists. Assign the print server to the print queue from PCONSOLE.

## User response

Use the EWXADMIN ASQSERV command to assign the print server to the new print queue. If the command fails, notify your system programmer.

## Source

LANRES

---

**EWXxx3044E Security equivalence does not exist.**

## Explanation

The command tried to withdraw a security equivalence from a user, but the user did not possess that security equivalence.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the user or group name entered on the command line. If the spelling is correct, you may have entered the command previously. If the spelling is incorrect, correct it. Reenter the command with the correct information.

## Source

LANRES

---

**EWXxx3045E Command rejected: "Require Password" is set to "yes". No null passwords.**

## Explanation

A command was entered which requires the "Require Password" field in the Account Restrictions screen of SYSCON to be set to "NO".

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Enter the EWXADMIN REQASSW command and specify the "YES" parameter.

## Source

LANRES

---

**EWXxx3046W**

**Print queue renamed but print server was incorrect or does not exist.**

## Explanation

The command tried to rename a print queue and inform the LAN-to-host print server of the change. The print queue was renamed successfully, but the specified print server name was incorrect or could not be found. Use the NetWare PCONSOLE utility to verify that the print server exists. A print server name cannot contain spaces or any of the following special characters:

Character	Name
/	(slash)
\	(backslash)
:	(colon)
;	(semicolon)
,	(comma)
*	(asterisk)
?	(question mark)

NetWare may also restrict the print server name from containing other special characters.

## System action

The print queue is renamed and the LAN-to-host print server is not informed.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx3047E**

**Print queue does not exist.**

## Explanation

The specified print queue name could not be found.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the specified print queue name. If the spelling is incorrect, correct it. Reenter the command.

## Source

LANRES

---

**EWXxx3048E**

**Special characters are not allowed in print queue name.**

## Explanation

A print queue name cannot contain spaces or any of the following special characters:

Character	Name
/	(slash)
\	(backslash)
:	(colon)
;	(semicolon)
,	(comma)
*	(asterisk)
?	(question mark)

NetWare may also restrict the print queue name from containing other special characters.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Examine the specified print queue name. If the name contains any of the special characters, remove them. Reenter the command.

## Source

LANRES

---

**EWXxx3049E**

**Command rejected: Another QUERY BINDERY command is being processed.**

## Explanation

The administration function only allows one user to enter the EWXADMIN QUERY BINDERY command at a time. The first EWXADMIN QUERY BINDERY command must be completed before the next EWXADMIN QUERY BINDERY command can be entered by another user.

## System action

Command processing ends. The first EWXADMIN QUERY BINDERY command will continue to be processed.

## System programmer response

None.

## User response

Wait for the first EWXADMIN QUERY BINDERY command to be finished before reentering your EWXADMIN QUERY BINDERY command.

## Source

LANRES

---

**EWXxx3050E** Print server already assigned to print queue.

## Explanation

The print server has already been assigned to service the print queue.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the print server and print queue entered on the command line. If the spelling is incorrect, correct it. Reenter the command.

## Source

LANRES

---

**EWXxx3051E** Print server not servicing print queue.

## Explanation

The print server cannot be removed from the print queue because it is not servicing the print queue.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the print server and print queue entered on the command line. If the spelling is incorrect, correct it. Reenter the command.

## Source

LANRES

---

**EWXxx3052E** Unable to open the *filename* file.



### System programmer response

None.

### User response

Be sure that the NFS ID specified is correct. If it is, delete the NFS ID and then add it with the new NetWare ID.

### Source

LANRES

---

**EWXxx3055E** Unable to unlock the *filename* file that is locked.

### Explanation

The attempt to unlock the specified file in the SYS:\ETC\ directory was unsuccessful.

### System action

Command processing ends. The system status remains the same.

### System programmer response

None.

### User response

Determine why the file is locked. It is possible that someone is using it. Unlock the file and reenter the command.

### Source

LANRES

---

**EWXxx3056E** The server is out of memory to lock the *filename* file.

### Explanation

The attempt to lock the specified file in the SYS:\ETC\ directory was unsuccessful because the server ran out of memory.

### System action

Command processing ends. The system status remains the same.

### System programmer response

None.

### User response

Make more memory available and reenter the command.

### Source

LANRES

---

**EWXxx3057E** There was a time-out trying to lock the *filename* file.









## User response

Make sure the SYS:\ETC\ directory exists or that you have the trustee rights to the SYS:\ETC\ directory. If the directory does not exist, either create the directory or install the NetWare for NFS product on your server.

## Source

LANRES

---

**EWXxx3065E**

**The *filename* file did not exist to delete the NFS ID.**

## Explanation

The attempt to delete an NFS user or group was unsuccessful. The specified file does not exist in the SYS:\ETC\ directory. It is possible that NetWare for NFS may not be installed on the server.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

There is no NFS ID to delete. NetWare for NFS may need to be installed.

## Source

LANRES

---

**EWXxx3066E**

**Directory cannot be removed.**

## Explanation

You attempted to remove a directory on the NetWare server but the attempt failed. The failure may be caused by:

- Not all files have been deleted from the directory
- Subdirectories exist inside that directory
- The DeleteInhibit flag was set on for that directory.

## System action

Command processing ends. Files may have been removed from the directory but the directory remains.

## System programmer response

None.

## User response

Check to see if any of the reasons for failure listed earlier apply. Correct the situation and use the EWXADMIN RMDIR command to remove the directory.

## Source

LANRES

---

**EWXxx3067E**

**This command is not supported on a NetWare Version 4.01 or later server.**

### **Explanation**

Certain LANRES administration commands cannot be entered when you are logged-in to a NetWare Version 4.01 or later server.

The new NetWare Version 4.01 architecture does not support the following administration commands:

- EWXADMIN BEGINCC
- EWXADMIN ENDCC
- EWXADMIN RESTBIND
- EWXADMIN RESTSYS
- EWXADMIN SAVEBIND

There are no substitutes for these unsupported administration commands.

### **System action**

Command processing ends. The system status remains the same.

### **System programmer response**

None.

### **User response**

Enter a supported command.

### **Source**

LANRES

---

**EWXxx3068E**

**Insufficient rights to create and configure print queue or print server.**

### **Explanation**

Your attempt to create a new print queue or print server failed because you did not have sufficient authority to create or configure the print queue or print server. The system administrator must grant you the authority to create and configure the print queue or print server. Ideally, you should have security equivalence to the SUPERVISOR user ID to enter this command.

### **System action**

Command processing ends. The system status remains the same.

### **System programmer response**

If appropriate, create the print queue or print server, or grant the proper authority to the user. To grant the proper authority, you may give the user security equivalence to the SUPERVISOR user ID or to another user ID with the authority to create print queues or print servers.

### **User response**

Ask the system administrator to give you the proper authority to create the print queue or print server, or to create the print queue or print server for you.

## Source

LANRES

---

**EWXxx3069E**

**Cannot configure print queue or print server, and cannot delete it.**

## Explanation

Your attempt to create a new print queue or print server succeeded but you did not have sufficient authority to configure the print queue or print server. The command then tried to delete the print queue or print server but was unable to delete it. The system administrator must grant you the authority to configure the print queue or print server. Ideally, you should have security equivalence to the SUPERVISOR user ID to enter this command.

## System action

Command processing ends. The print queue or print server was created but not properly configured.

## System programmer response

If appropriate, configure the print queue or print server, or grant the proper authority to the user. To grant the proper authority, you may give the user security equivalence to the SUPERVISOR user ID or to another user ID with the authority to configure print queues or print servers.

## User response

Ask the system administrator to give you the proper authority to configure the print queue or print server, or to configure the print queue or print server for you.

## Source

LANRES

---

**EWXxx3070E**

**Permission denied by NetWare server. Insufficient trustee rights.**

## Explanation

You do not have sufficient authority to perform the operation. The proper file or directory trustee rights may be required.

## System action

Command processing ends. The system status remains the same.

## System programmer response

If appropriate, grant the proper trustee rights to the user.

## User response

Obtain the appropriate trustee rights to perform the operation.

## Source

LANRES

---

**EWXxx3071W**

**Name has no trustee rights or you are not authorized for them.**

## Explanation

You tried to query the file and directory trustee rights assigned to a user ID or a group ID, but the trustee rights information cannot be displayed. This user or group has no trustee rights, or you do not have sufficient authority over the user or group to see their trustee rights.

## System action

The command completes and this warning message is displayed on the screen or written to a file.

## System programmer response

If appropriate, grant the proper authority to the user.

## User response

If necessary, obtain the appropriate authority to perform the operation.

## Source

LANRES

---

**EWXxx3072E** **Parameter *parameter* must be USER or GROUP.**

## Explanation

The command syntax requires that the indicated parameter be either the keyword USER or the keyword GROUP.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the error and reenter the command.

## Source

LANRES

---

**EWXxx3073E** **The full name entered is more than 127 characters.**

## Explanation

The full name must be less than or equal to 127 characters in length.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the error and reenter the command.

## Source

LANRES

---

**EWXxx3074I**

***Information***

## Explanation

This is a message used to display information requested by the user.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx3075W**

**Lines in file *filename* may have been truncated.**

## Explanation

The program tried to write information to the host file *filename*, but the record length of the file was not long enough and lines in the file may have been truncated.

## System action

None.

## System programmer response

None.

## User response

Set up a file with the correct record length and reenter the command.

## Source

LANRES

---

**EWXxx3076E**

**Incorrect data set name *dsname* specified.**

## Explanation

An incorrect data set name was specified in the command.



**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Correct the data set name and reenter the command.

**Source**

LANRES

---

**EWXxx3077E** **Incorrect date value *date* specified.****Explanation**

The date value must be in the format defined for your system, and be a date that NetWare accepts.

The following restrictions on the year also applies. The year must be in the range 81 to 99 (1981 to 1999) or in the range 00 to 80 (2000 to 2080).

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Correct the date and reenter the command.

**Source**

LANRES

---

**EWXxx3078E** **Cannot assign or remove security equivalence from same user.****Explanation**

A user cannot have security equivalence to himself. Therefore, you cannot make a user security equivalent to himself and you cannot make a user not security equivalent to himself.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Verify the two user names in the command. If the user names are incorrect, correct them and reenter the command.

## Source

LANRES

---

**EWXxx3079E**

**Incorrect path name *path* specified.**

## Explanation

A NetWare path name consists of a correct volume name, a colon, and the file or directory name within the volume. The file or directory name is usually optional.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the path name and reenter the command.

## Source

LANRES

---

**EWXxx3080E**

**File or directory is read-only.**

## Explanation

The command was unsuccessful because it attempted to write to, copy to, rename, or delete a read-only file or directory.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Change the file or directory's read-only attribute and reenter the command. The file or directory's attributes may be changed with a NetWare utility, such as FLAG or FLAGDIR.

## Source

LANRES

---

**EWXxx3081E**

**File or directory not found.**

## Explanation

The specified file or directory was not found. The file or directory does not reside on the volume, the volume was not mounted, the file or directory name was misspelled, or incomplete identification was provided.



---

**EWXxx3084E****Incorrect directory name specified.****Explanation**

The command to create a directory failed. The volume was not mounted, the directory name was misspelled, part of the directory path does not exist, or incomplete identification was provided.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Reenter the command with a correct directory name.

**Source**

LANRES

---

**EWXxx3085E****The DS option is not supported on a NetWare Version 3.x server.****Explanation**

You are logged-in to a NetWare Version 3.x server and you specified the DS (Directory Services) option on the EWXADMIN ADDLS command. The DS option is accepted only when you are logged-in to a NetWare Version 4.01 or later server.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Change the operating system parameter to DOS or OS2 and reenter the command.

**Source**

LANRES

---

**EWXxx3086E****Cannot find Directory Services functions on the NetWare server.****Explanation**

The command requires Directory Services functions on the NetWare server in order to perform its task, but these functions are not available. There are several probable causes for this problem: 1) you are logged-in to a NetWare Version 3.x server; 2) you are logged-in to a NetWare Version 4.x server but the administration NLM, EWXADMIN.NLM, is running on a NetWare Version 3.x server; or 3) the NetWare DSAPI.NLM is not loaded on the server. Directory Services functions are only available when NetWare's DSAPI.NLM is loaded on the server.





**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx3092E** Invalid syntax. Check the syntax in context field.

**Explanation**

An invalid syntax was entered - most likely the context field is entered wrong.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

Check the syntax and reenter.

**Source**

LANRES

---

**EWXxx3093E** Object *objname* not found.

**Explanation**

The specified object was not found. Either the object does not reside in the context specified, the object name was misspelled or incomplete identification was provided to cause the appropriate path to be searched.

**System action**

Command processing ends. The system status remains the same.

**System programmer response**

None.

**User response**

To verify the object exists, enter the command with correct name or syntax.

## Source

LANRES

---

**EWXxx3094E**

**Login unsuccessful: User tried to login to NDS.**

## Explanation

The file server or user ID specified on the command tried to login to NetWare Directory Services. NetWare Directory services not installed.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Use the proper syntax to login. Reenter the command.

## Source

LANRES

---

**EWXxx3095E**

**Not logged in to NDS. Reenter the command with correct syntax.**

## Explanation

The syntax used in the command is for NetWare Directory Services. Use the non-NDS syntax for the command.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Use the proper syntax of the command Reenter the command.

## Source

LANRES

---

**EWXxx3096E**

**The two context names *context1* and *context2* must be the same.**

## Explanation

The attempt to rename/swap the directory or file was unsuccessful, because the files/directory to be renamed must reside in the same context.

## System action

Command processing ends. The system status remains the same.





## User response

Correct the error and reenter the command.

## Source

LANRES

---

**EWXxx4003E** Login was unsuccessful (server error code=*nn*).

## Explanation

An unexpected error has occurred while trying to login to the NetWare server.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Look up the server error code *nn* in the *NetWare System Messages*. Correct the problem which caused the server error code.

## User response

Call your system programmer with the server error code.

## Source

LANRES

---

**EWXxx4004I** Logging of LANRES messages is on.

## Explanation

Messages from LANRES programs will be recorded in a log file.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx4005I** Logging of LANRES messages is off.

## Explanation

Messages from LANRES programs will not be recorded in a log file.

### System action

None.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**EWXxx4006E** Command request to the host-to-LAN print function is too long.

### Explanation

The request from the EWXCONN PRINT or EWXCONN QUERY PRINT command cannot be sent to the host-to-LAN print server on the host. The command that was entered is longer than the maximum length for a valid EWXCONN PRINT or EWXCONN QUERY PRINT command.

### System action

Command processing ends. The system status remains the same.

### System programmer response

None.

### User response

Check the command for misspellings or duplicate values. Correct the error and reenter the command.

### Source

LANRES

---

**EWXxx4007E** Cannot connect to the *function* function. Password exchange was unsuccessful.

### Explanation

The LANRES functions on the host and the NetWare server perform a password exchange to verify that both sides are authorized to connect to each other. This password exchange was unsuccessful. The error indicates that the PWIN password value on the host does not match the PWOUT password value on the NetWare server.

### System action

Command processing ends. The system status remains the same.

### System programmer response

Give the user the NetWare server passwords for the function to be connected to.

## User response

Make sure that you are using the correct passwords. On the host, the passwords may be found in one of the following places (xxxx may be ADMIN, DISK, DIST, HLPRT, or LHPRT):

- EWXxxxx.MVSPW file
- Specified by the PWIN and PWOUT options on the EWXCONN LINK command

On the NetWare server, the passwords may be found in one of the following places (xxxx may be ADMIN, DISK, DIST, HLPRT, or LHPRT):

- EWXCOMM.INI file
- EWXxxxx.NPW file
- Specified by the PWIN and PWOUT parameters when the NLMs were loaded

You may have to ask the system programmer for the NetWare server passwords.

## Source

LANRES

---

**EWXxx4009E** Connection to the NetWare server will be dropped.

## Explanation

An error has occurred which caused the connection to the NetWare server to be dropped. Additional error messages may be displayed to help determine the problem.

## System action

Command processing ends. The connection to the NetWare server is dropped.

## System programmer response

None.

## User response

If additional error messages are available, use them to determine the problem. Correct the problem and reenter the command.

## Source

LANRES

---

**EWXxx4010E** Cannot connect to the *function* function on the NetWare server.

## Explanation

No connection can be made to the *function* function on the NetWare server. Probable causes are:

- You specified an incorrect or unavailable connectivity path
- You specified an incorrect server name or user name for the administration or distribution function and a matching line cannot be found in the configuration files.

Other error messages may be displayed to indicate the cause of the problem.

## System action

Command processing ends. The system status remains the same.



## Source

LANRES

---

**EWXxx4013E**

**Cannot read login password. Error returned was: *error\_text***

## Explanation

The user was prompted to type in a password to login to the NetWare server but an error occurred while getting this password. The explanation for the error, *error\_text*, was returned in the message.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the problem indicated by *error\_text*. Reenter the command.

## Source

LANRES

---

**EWXxx4015E**

**No matching line in configuration data sets to establish connection.**

## Explanation

All the required values were not specified on the command line. The command tried to use the configuration data sets to fill in the missing values but cannot find a matching line in the configuration data sets. For the administration and distribution functions, the command tried to match the nickname, server name, user name, protocol, and target values. For the disk, host-to-LAN print, and LAN-to-host print functions, the command tried to match the nickname, protocol, and target values. Without these missing values, the connection to the NetWare server cannot be established. The possible configuration data sets are the data sets allocated to the EWXCONFIG DDname, the EWXCONFIG.LINK data set, and the data set defined by the Link\_Connection\_Configuration option of the host configuration options data set.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Verify that the user has access to the configuration data set that was customized during installation.

## User response

Notify your system programmer if you need access to the system configuration data set. You may create your own configuration data set. You may also connect to the NetWare server by specifying all the required values on the command line.

## Source

LANRES

---

**EWXxx4016E**

**Login unsuccessful: Unknown file server or user ID.**

## Explanation

The file server or user ID specified on the command was incorrect or nonexistent.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Check the spelling of the file server name and user ID. If the spelling is incorrect, correct it. Reenter the command.

## Source

LANRES

---

**EWXxx4017E** **Login unsuccessful: Access to server denied.**

## Explanation

The most probable causes for getting this message are:

- The supplied password was incorrect.
- The user account has been locked out of the server by the NetWare “Intruder Detection/Lockout” feature.
- The user tried to login when they were not allowed access to the server.
- The administrator has disabled logins by entering the `DISABLE LOGIN` command at the server console.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Use the NetWare `SYSCON` utility or another utility to unlock the user ID or to grant the user access to the server during the required time period. Enter the `ENABLE LOGIN` command on the server console to allow users to login to the server.

## User response

Reenter the command with the correct user ID and password. If the error persists, ask your system programmer to grant you access to the server.

## Source

LANRES

---

**EWXxx4018I** **You have logged-in to server *server* as user *user*.**

## Explanation

You are now logged-in as user *user* on the NetWare server *server*.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx4020E** **Symdestname *symdestname* is not a valid symbolic destination name.**

## Explanation

When using the APPC protocol, the *target* operand specified an incorrect symbolic destination name. It must be an alphanumeric string of up to 8 characters.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the error and reenter the command.

## Source

LANRES

---

**EWXxx4021E** **Raddr *raddr* is not a valid real subchannel address.**

## Explanation

When using the CHANNEL or MMC protocol, the *raddr* operand on the EWXCONN LINK command was incorrectly specified. (It must be a three- or four-character hexadecimal number specifying the even subchannel address of a read/write address pair.)

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Reenter the EWXCONN LINK command with the correct subchannel address.



## Source

LANRES

---

**EWXxx4022E**

**The raddr operand must be the EVEN address of the subchannel pair.**

## Explanation

When using the CHANNEL or MMC protocol, the *raddr* operand on the EWXCONN LINK command was incorrectly specified. (It must be a three- or four-character hexadecimal number specifying the even subchannel address of a read/write address pair.)

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Reenter the EWXCONN LINK command with the correct subchannel address.

## Source

LANRES

---

**EWXxx4024E**

**Login unsuccessful: Maximum number of concurrent connections exceeded.**

## Explanation

NetWare has placed a restriction on the number of stations that the user may login to at one time. The login attempt exceeded this number.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Increase the maximum number of concurrent connections for the user.

## User response

Logout of another station before reentering the command to login to the server. You can also ask your system programmer to raise the maximum number of concurrent connections for your user ID.

## Source

LANRES

---

**EWXxx4025E**

**Login unsuccessful: User account has expired or been disabled.**

## Explanation

The user's account on the server is either expired or disabled.



## Source

LANRES

---

**EWXxx4032W** **Line number of configuration file *filename* has an incorrect format.**

## Explanation

The line indicated in the message is in an incorrect format. Values may be missing or specified out of order.

## System action

The line in error is bypassed.

## System programmer response

Correct the system configuration file if necessary.

## User response

Edit the configuration file and correct the specified line. You may have to notify the system programmer if the incorrect line is in the system configuration file and you do not have write access to the system configuration file:

- EWXCONFIG.LINK

## Source

LANRES

---

**EWXxx4033W** **Line number of configuration file *filename* is too long.**

## Explanation

The line indicated in the message is too long.

## System action

The line in error is bypassed.

## System programmer response

Correct the system configuration file if necessary.

## User response

Edit the configuration file and correct the specified line. You may have to notify the system programmer if the incorrect line is in the system configuration file and you do not have write access to the system configuration file:

- EWXCONFIG.LINK

## Source

LANRES

---

**EWXxx4035E** **Hostname *hostname* is not a valid host name.**

## Explanation

When using the TCP/IP protocol, the *hostname* operand was incorrectly specified. (It must be specified as a character string of up to 63 characters.)



## Source

LANRES

---

**EWXxx4043E**

**Component password file *filename* cannot be found.**

## Explanation

The component password file contains the two component passwords required to authorize the connection between the host and the NetWare server. The command was unsuccessful because these passwords were not specified with the command and a file containing these passwords cannot be found.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Find out what the component passwords are and inform the user.

## User response

You may specify these component passwords when you enter the command or you may create a default component password file to hold these passwords.

The default password file should be created as EWXADMIN.MVSPW, EWXDISK.MVSPW, EWXDIST.MVSPW, EWXHLPRT.MVSPW, or EWXLHPRT.MVSPW.

Notify your system programmer if you do not know what these component passwords are.

## Source

LANRES

---

**EWXxx4044E**

**The PWIN and PWOUT values must be specified as a pair.**

## Explanation

If the PWIN and PWOUT component passwords are to be specified on the command line, then they must be specified together or not at all.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Correct the error and reenter the command.

## Source

LANRES

---

**EWXxx4045E**

**No connection to drop. You were not connected to the server.**

## Explanation

You were not connected to a LANRES function on the NetWare server so there was no connection to drop.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

None. You are no longer connected to a LANRES function on the NetWare server.

## Source

LANRES

---

**EWXxx4046I** **Dropping *protocol* connection through *server* to *function* function.**

## Explanation

Your connection to the specified function is being dropped.

## System action

The connection to the NetWare server is dropped.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx4049E** **Error dropping the connection. Error returned was: *error\_text***

## Explanation

An error occurred while trying to drop your connection. The explanation for the error, *error\_text*, was returned in the message.

## System action

Command processing ends. The system status remains the same.

## System programmer response

Unload the LANRES NLMs from the NetWare server and load them again. If the problem persists, contact your IBM service representative.

## User response

Correct the problem indicated: *error\_text*. Reenter the command. If the problem persists, notify your system programmer.

## Source

LANRES

---

**EWXxx4054I** *protocol connection through server established to function function.*

## Explanation

Your connection to the NetWare server has been established.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx4059E** *Cannot connect to the function function. Error returned was: error\_text*

## Explanation

An error occurred while trying to connect to the *function* function on the NetWare server. The explanation for the error, *error\_text*, was returned in the message.

## System action

Command processing ends. The system status remains the same.

## System programmer response

If necessary, load additional LANRES NLMs on the server. If the problem persists, unload the LANRES NLMs from the NetWare server and load them again. If the problem still persists, contact your IBM service representative.

## User response

Correct the problem indicated by *error\_text*. If *error\_text* is NLM NOT LOADED, load the NLM. If the NLM is LOADED, reenter the command. If the problem persists, notify your system programmer.

## Source

LANRES

---

**EWXxx4060I** *Attempted protocol connection through target.*

## Explanation

A connection was attempted through the indicated protocol and target but the attempt failed.

## System action

Command continues with next connection attempt.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx4061E** **Line number of component password file *filename* is too long.**

## Explanation

The line indicated in the message is longer than 128 characters. Correct lines should not require more than 128 characters.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.

## User response

Edit the component password file and correct the specified line.

## Source

LANRES

---

**EWXxx4062E** **Incorrect password in line number of component password file *filename*.**

## Explanation

A component password must be between 1 and 8 characters long, and be an alphanumeric string (from 0 to 9, a to z, and A to Z). The password is not case sensitive.

## System action

Command processing ends. The system status remains the same.

## System programmer response

None.









## System programmer response

None.

## User response

Correct the problem and retry the failing command.

## Source

LANRES

---

**EWXxx4204E** Unable to commit disk image *disk\_image\_name*: *error\_text*.

## Explanation

An attempt to commit the indicated disk image was unsuccessful.

## System action

Command processing ends.

## System programmer response

None.

## User response

Correct the problem and retry the failing command.

## Source

LANRES

---

**EWXxx4205E** Error closing disk image *disk\_image\_name*: *error\_text*.

## Explanation

An attempt to close the indicated disk image was unsuccessful.

## System action

Command processing ends.

## System programmer response

None.

## User response

Correct the problem and retry the failing command.

## Source

LANRES

---

**EWXxx4206I** Building compression dictionary for disk image *disk\_image\_name*.

**Explanation**

LANRES is building the data compression dictionary for the indicated disk image dataset.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx4207I** Compression dictionary built for disk image *disk\_image\_name*.

**Explanation**

LANRES has finished building the data compression dictionary for the indicated disk image dataset.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx4208I** Disk image statistics for *dsname*.

**Explanation**

This is the VSAM linear dataset name.

**System action**

None.

**System programmer response**

None.

**User response**

None.

## Source

LANRES

---

**EWXxx4209I** NetWare volume size is *nwsiz*eK, actual volume size is *ldsiz*eK.

## Explanation

The NetWare volume size is the size of the volume reported to the NetWare server while the actual volume size is the size of the VSAM linear dataset. The actual size is the same as the NetWare volume size for an uncompressed disk image.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx4210I** *sizeK* is being used by *blocks* disk blocks, compression ratio is *ratio*%.

## Explanation

Each NetWare disk block is 512 bytes. When disk compression is enabled, LANRES will compress each group of 8 disk blocks before writing the data to the VSAM linear dataset. The compression ratio is the ratio between the number of bytes actually written to the VSAM dataset and the number of bytes written by the NetWare server.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx4211I** *usedK* in use, *unusedK* not in use, *unallocatedK* not allocated.

## Explanation

Space in the VSAM linear dataset is either in use by a NetWare disk block, allocated but not in use, or not allocated. Initially, all space in the dataset is unallocated. As the NetWare server writes to the disk volume, space will be allocated to handle the changed disk blocks. As the disk blocks change in size due to different compression ratios, the old disk block space will be placed in a pool of unused space to be re-used by future

space allocations. Disk fragmentation increases as the unallocated space decreases and the unused space increases. You should use the EWXLDCMP and EWXLDRST commands to rebuild the VSAM linear dataset when the unallocated space becomes zero.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx4212E** Linear dataspace *dsname* has not been initialized.

**Explanation**

The indicated VSAM linear dataspace has not been initialized for use with LANRES.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Use the EWXLDCRT command to initialize the dataspace and then retry the failing command.

**Source**

LANRES

---

**EWXxx4213E** DIV request for *dsname* failed with error *error*, reason code *reason-code*.

**Explanation**

A data-in-virtual request for the indicated VSAM linear dataspace failed with the indicated error and reason codes. See [z/OS MVS Programming: Assembler Services Reference ABE-HSP](#) for a description of the DIV error codes.

**System action**

Command processing ends.

**System programmer response**

None.

## User response

Correct the problem and then retry the failing command.

## Source

LANRES

---

**EWXxx4214E** **DPSERV request for *dsname* failed with error *error*, reason code *reason-code*.**

## Explanation

A dataspace request for the indicated VSAM linear dataspace failed with the indicated error and reason codes. See [z/OS MVS Programming: Assembler Services Reference ABE-HSP](#) for a description of the DIV error codes.

## System action

Command processing ends.

## System programmer response

None.

## User response

Correct the problem and then retry the failing command.

## Source

LANRES

---

**EWXxx4215E** **Data compression support is not available.**

## Explanation

Data compression is not available on the current system. The EWXLDDMP and EWXLDRST commands use data compression services in order to process the dump dataset. This error can occur if the EWXLDRST command is issued on a system without ZIV data compression support to restore a dataset created by the EWXLDDMP command on a system with ZIV data compression support.

## System action

Command processing ends.

## System programmer response

None.

## User response

Use the EWXLDDMP command with the RLE option to create the dump dataset using RLE data compression instead of ZIV data compression.

## Source

LANRES

---

**EWXxx4216E** **Error opening the EWXDUMP dataset: *error\_text*.**





**Source**

LANRES

---

**EWXxx4219E** Error closing the EWXDUMP dataset: *error\_text*.**Explanation**

LANRES was unable to close the dump dataset defined by the EWXDUMP DD statement.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Correct the problem and retry the failing command.

**Source**

LANRES

---

**EWXxx4220E** The EWXDUMP dataset does not have variable-length 4100-byte records.**Explanation**

The EWXDUMP dataset used by the EWXLDDMP and EWXLDRST commands must have RECFM=VB and LRECL=4100. The BLKSIZE can be any value which is supported by the device.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Correct the problem and retry the failing command.

**Source**

LANRES

---

**EWXxx4221E** Unable to build compression dictionary: *error*.**Explanation**

LANRES was unable to build the compression dictionary for the indicated reason.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Correct the problem and retry the failing command.

**Source**

LANRES

---

**EWXxx4222I** *countK* bytes written to dump dataset for disk image *dsname*.

**Explanation**

The dump dataset was successfully created for the indicated LANRES host disk image.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx4223E** The EWXDUMP dataset was not created by the EWXLDDMP command.

**Explanation**

The dataset specified by the EWXDUMP DD statement does not contain a valid LANRES disk image dump.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Use the EWXLDDMP command to create the dump dataset.

**Source**

LANRES

---

**EWXxx4224I** Dumping disk image *dsname*.

**Explanation**

The data for the indicated disk image is being written to the EWXDUMP dataset.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx4225E** **Disk image *dsname* must be sizeK in order to restore disk image.****Explanation**

The disk image dataset for the EWXLDLDRST command must be the same size as the disk image dataset which was dumped using the EWXLDDMP command when data compression is not being used.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Allocate a new disk image dataset with the required size.

**Source**

LANRES

---

**EWXxx4226I** **Restoring disk image *dsname*.****Explanation**

The indicated disk image is being restored from the EWXDUMP dataset.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx4227I** Disk image *dsname* restored.**Explanation**

The indicated disk image has been restored from the EWXDUMP dataset.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx4228E** Insufficient storage available to allocate work buffers.**Explanation**

LANRES was unable to allocate its internal work buffers.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Increase the region size and retry the failing command.

**Source**

LANRES

---

**EWXxx4229W** Disk image page *page* has been discarded due to a damaged disk image dataset.**Explanation**

The VSAM dataset containing the host disk image has been damaged. This can occur if the LANRES disk server is abnormally terminated while it is updating the VSAM dataset. All disk blocks in the damaged image page will be discarded and the page contents will be set to zero.

## System action

The dump operation continues.

## System programmer response

None.

## User response

Run the EWXLDRST command to restore the VSAM dataset from an earlier dump file or from the current dump file. If you restore the VSAM dataset from the current dump file, you should run VREPAIR on the NetWare server to correct any disk structure problems. You may also need to recreate one or more of the NetWare disk files.

## Source

LANRES

---

**EWXxx4251E** Dataset *disk\_image\_name* already exists.

## Explanation

The VSAM linear dataspace dataset already exists.

## System action

Command processing ends.

## System programmer response

None.

## User response

Issue the EWXLDDLT command to delete the current disk image dataset and then retry the EWXLD CRT command.

## Source

LANRES

---

**EWXxx4253E** The disk image size of *size* is less than the minimum size of 2 megabytes.

## Explanation

The size specified for a new LANRES disk image was less than 2 megabytes.

## System action

Command processing ends.

## System programmer response

None.

## User response

Specify a disk image size of at least 2 megabytes.

## Source

LANRES

---

**EWXxx4254E**

**The disk image size of *size* is greater than the maximum size of 4 gigabytes.**

## Explanation

The size specified for a new LANRES disk image is greater than 4 gigabytes.

## System action

Command processing ends.

## System programmer response

None.

## User response

Specify a disk image size no greater than 4 gigabytes.

## Source

LANRES

---

**EWXxx4255E**

**Volume *volume* is not available.**

## Explanation

LANRES is unable to create a disk image dataset because the indicated volume is not available. A volume serial of '\*\*\*\*\*' will be displayed if the volume information is being obtained from the system catalog.

## System action

Command processing ends.

## System programmer response

None.

## User response

Specify a valid volume serial on the EWXLCRT command if you are creating a new VSAM dataset. Ensure that the system catalog entry contains the correct volume serial if you are using an existing VSAM dataset.

## Source

LANRES

---

**EWXxx4256E**

**The NetWare volume segment size specified by the COMPRESS option is invalid.**

## Explanation

The NetWare volume segment size must be greater than the VSAM linear dataspace size but not greater than 4 gigabytes.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Specify a valid NetWare volume segment size.

**Source**

LANRES

---

**EWXxx4257E** **A volume must be specified when SMS is not active.**

**Explanation**

A volume serial must be specified on the EWXLD CRT command in order to create a new disk image dataset when System Managed Storage is not active.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Specify a volume serial on the EWXLD CRT command.

**Source**

LANRES

---

**EWXxx4258I** ***disk\_image\_name* has been deleted.**

**Explanation**

The LANRES disk image has been successfully deleted.

**System action**

The command ends successfully.

**System programmer response**

None.

**User response**

None.



**Source**

LANRES

---

**EWXxx4261E** Unable to create *disk\_image\_name* for *number\_of\_blocks* blocks:  
*error\_text*.**Explanation**

LANRES was unable to create the specified disk image.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Correct the problem and retry the command.

**Source**

LANRES

---

**EWXxx4263I** *disk\_image\_name* was created for *number\_of\_blocks* blocks.**Explanation**

The LANRES disk image has been successfully created. There are 512 bytes per disk image block.

**System action**

The command ends successfully.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx4264E** Unable to delete disk image *disk\_image\_name*: *error\_text*.**Explanation**

LANRES was unable to delete the specified disk image.

**System action**

Command processing ends.



## Explanation

The socket number returned by the TCP/IP `socket()` function is too large. LANRES supports a maximum of 32 TCP/IP connections per LANRES command.

## System action

Command processing ends.

## System programmer response

Report the problem to IBM.

## User response

Report the problem to the system programmer.

## Source

LANRES

---

**EWXxx5003E** TCP/IP `select()` function failed with error *error*.

## Explanation

The TCP/IP `select()` function failed with the indicated error code. See the [z/OS Communications Server: IP Programmer's Guide and Reference](#) for a description of the error codes.

## System action

Command processing ends.

## System programmer response

None.

## User response

Report the problem to the system programmer.

## Source

LANRES

---

**EWXxx5004E** TCP/IP `connect()` function failed with error *error*.

## Explanation

The TCP/IP `connect()` function failed with the indicated error code. See the [z/OS Communications Server: IP Programmer's Guide and Reference](#) for a description of the error codes.

## System action

Command processing ends.

## System programmer response

None.

## User response

Report the problem to the system programmer.

## Source

LANRES

---

**EWXxx5005E**

**TCP/IP recv() function failed with error *error*.**

## Explanation

The TCP/IP recv() function failed with the indicated error code. See the [\*z/OS Communications Server: IP Programmer's Guide and Reference\*](#) for a description of the error codes.

## System action

Command processing ends.

## System programmer response

None.

## User response

Report the problem to the system programmer.

## Source

LANRES

---

**EWXxx5006E**

**TCP/IP send() function failed with error *error*.**

## Explanation

The TCP/IP send() function failed with the indicated error code. See the [\*z/OS Communications Server: IP Programmer's Guide and Reference\*](#) for a description of the error codes.

## System action

Command processing ends.

## System programmer response

None.

## User response

Report the problem to the system programmer.

## Source

LANRES

---

**EWXxx5007E**

**Incorrect protocol *name* specified.**

## Explanation

An incorrect or unsupported protocol was specified.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Specify a valid communications protocol.

**Source**

LANRES

---

**EWXxx5008E** **Incorrect destination name specified.**

**Explanation**

An incorrect destination name was specified. For a channel connection, the destination is the even subchannel address assigned to the NetWare server. For an APPC connection, the destination is either the symbolic destination name or the fully-qualified partner LU name. For a TCP/IP connection, the destination is the host name assigned to the NetWare server.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Specify a valid destination.

**Source**

LANRES

---

**EWXxx5009E** **Service distribution rejected by server server.**

**Explanation**

The service distribution request was rejected by the target NetWare server because the distribution service level is less than or equal to the current service level installed on the server. You can force the service to be distributed by re-issuing the command and specifying that service level checking is to be bypassed.

**System action**

Command processing ends.

**System programmer response**

None.

## User response

Retry the command.

## Source

LANRES

---

**EWXxx5010E**

**Service distribution to destination *destination* failed.**

## Explanation

The LANRES service distribution controller was unable to send the current service level to the NetWare server at the indicated destination. For an APPC connection, the destination name is either the symbolic destination name or the fully-qualified partner LU name. For a TCP/IP connection, the destination name is the server host name. For a channel connection, the destination name is the channel device address assigned to the server.

## System action

The current service level is not sent.

## System programmer response

None.

## User response

Correct the cause of the error.

## Source

LANRES

---

**EWXxx5011E**

**The NetWare service package file has been modified.**

## Explanation

The NetWare service package file has been modified.

## System action

Command processing ends.

## System programmer response

Re-install the LANRES product. Contact IBM if the problem persists.

## User response

Verify that you are accessing the correct NetWare service package file. If the problem persists, report the problem to the system programmer.

## Source

LANRES

---

**EWXxx5012E**

**Service distribution is not enabled for destination *destination*.**

## Explanation

The ACCEPT\_SERVICE parameter in the EWXCOMM.INI control file on the NetWare server is set to NO.

## System action

Command processing ends.

## System programmer response

None.

## User response

Change the EWXCOMM.INI file to specify ACCEPT\_SERVICE=YES.

## Source

LANRES

---

**EWXxx5013E** **I/O error on device address: Device status *devstat*, Channel status *chanstat*, Sense *sense*.**

## Explanation

LANRES encountered an I/O error on one of the channel device addresses.

## System action

Command processing ends.

## System programmer response

Correct the error condition. See the *S/390® Principles of Operation* for more information on the channel and device status codes.

## User response

Report the problem to the system programmer.

## Source

LANRES

---

**EWXxx5014E** **Device address has been halted.**

## Explanation

One of the LANRES channel device addresses was halted by the operating system. This can occur if the missing interrupt handler determines that the channel device is not responding to I/O requests or if the NetWare NLM is unloaded after a connection has been established.

## System action

Command processing ends.

## System programmer response

Ensure that the NetWare server is operational and has not abnormally terminated.

## User response

Report the problem to the system programmer.

## Source

LANRES

---

**EWXxx5015E** Device *address* is offline.

## Explanation

LANRES was unable to allocate one of the channel device addresses because the device is offline.

## System action

Command processing ends.

## System programmer response

None.

## User response

Vary the device online or use a different pair of device addresses.

## Source

LANRES

---

**EWXxx5016E** Device *address* is not a supported device type.

## Explanation

The indicated device is not supported by LANRES.

## System action

Command processing ends.

## System programmer response

None.

## User response

Make sure that you have specified the correct device addresses for the channel-attached NetWare server. Also make sure that the correct control unit tables are specified in the channel configuration file on the NetWare server.

## Source

LANRES

---

**EWXxx5017E** Device *address* is allocated to another job.

## Explanation

LANRES was unable to allocate one of the channel device addresses because the device address is allocated to another job.



**System action**

Command processing ends.

**System programmer response**

None.

**User response**

End the other job or use a different pair of device addresses.

**Source**

LANRES

---

**EWXxx5018E** **Device address does not exist.**

**Explanation**

The indicated device address is not defined to the operating system.

**System action**

Command processing ends.

**System programmer response**

Ensure that the device address is correct and that the NetWare server is online and operational.

**User response**

Report the problem to the system programmer.

**Source**

LANRES

---

**EWXxx5019E** **Device address is not a 3088/CTCA type device.**

**Explanation**

The device at the specified address is not supported by LANRES for channel attachment.

**System action**

Command processing ends.

**System programmer response**

Ensure that the device address is correct and that the NetWare server is online and operational.

**User response**

Report the problem to the system programmer.

**Source**

LANRES

---

**EWXxx5020E**

**Device address is not operational.**

**Explanation**

The indicated device is not operational. Intervention required status was reported on the I/O request.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Make sure that the NetWare server is powered on and that the channel device driver has been loaded.

**Source**

LANRES

---

**EWXxx5300S**

**The EWXISPF command is valid only in the TSO environment.**

**Explanation**

The EWXISPF command must be invoked as a command processor under TSO.

**System action**

Command processing ends.

**System programmer response**

None.

**User response**

Issue the EWXISPF command while logged on to TSO in the foreground or when the Terminal Monitor Program is active in the background.

**Source**

LANRES

---

**EWXxx5301S**

**ISPF is already active.**

**Explanation**

The EWXISPF command must be invoked from the TSO READY prompt. It cannot be executed once ISPF has been started.

**System action**

Command processing ends.

**System programmer response**

None.

## User response

Issue the EWXISPF command from the TSO READY prompt.

## Source

LANRES

---

**EWXxx5302I**

**LANRES READY**

## Explanation

The EWXEXEC command processor is ready to process a new command. When running in a TSO environment, any TSO command may be entered as well as the TSO, PGM, and REXX special commands. When running in a non-TSO environment, TSO commands are not supported and only the PGM and REXX special commands may be entered.

The TSO special command tells EWXEXEC to process the rest of the command line as a TSO command and not to check for special commands. This is necessary if you want to run a TSO command named PGM or REXX.

The PGM special command tells EWXEXEC to process the rest of the command line as an MVS program invocation. The first token following the PGM command specifies the dataset name and member of the MVS load module. The remainder of the command line will be passed to the MVS program as the parameter string. The dataset name prefix will be added unless the dataset name is enclosed in quotation marks. If the load module is located in a STEPLIB, JOBLIB, or link list dataset, omit the dataset name and specify just the member name enclosed in parentheses. If a dataset name is specified, it will be used as a tasklib on the ATTACH command.

The REXX special command tells EWXEXEC to process the rest of the command line as a REXX procedure invocation. The first token following the REXX command specifies the dataset name and optional member of the REXX procedure. The remainder of the command line will be passed to the REXX procedure as the argument string. The dataset name prefix will be added unless the dataset name is enclosed in quotation marks. If the REXX procedure is located in a SYSEXEC dataset, omit the dataset name and specify just the member name enclosed in parentheses.

## System action

EWXEXEC waits for a command. In the foreground TSO environment, commands are read from the terminal. In the background TSO environment, commands are read from SYSTSIN. In the batch environment, commands are read from EWXINPUT.

## System programmer response

None.

## User response

Enter a command.

## Source

LANRES

---

**EWXxx5303E**

**Unable to read from the EWXINPUT dataset: error.**

## Explanation

The EWXEXEC command was unable to read a record from the command dataset specified by the EWXINPUT DD statement.





## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx5309E** **APPC is not available.**

## Explanation

This message is issued if the APPC functions cannot be found in the current step library, job library, or link library. APPC is available only on MVS/ESA 4.2 and later.

## System action

The APPC connection is not established.

## System programmer response

None.

## User response

Make sure that SYS1.CSSLIB is in the step library, job library, or link library and then retry the failing request.

## Source

LANRES

---

**EWXxx5310E** **APPC error *error* occurred on connection to *server*.**

## Explanation

An error was detected on an APPC request. The fully-qualified partner LU name will be included in the message if it is known at the time of the error. Otherwise, the symbolic destination name used to establish the connection will be included in the message.

## System action

The connection to the NetWare server is dropped.

## System programmer response

None.

## User response

Correct the cause of the error and then retry the failing request.

## Source

LANRES

---

**EWXxx5402E** **Unable to execute *command*: *error*.**

**Explanation**

LANRES was unable to execute a system command for the indicated reason.

**System action**

The request is not performed.

**System programmer response**

None.

**User response**

Correct the problem and retry the failing command.

**Source**

LANRES

---

**EWXxx6001E** **User ID is a required input****Explanation**

The NetWare user ID is a required input for this command.

**System action**

The command is not executed, and the ISPF panel is re-displayed with the cursor placed on the Userid input field.

**System programmer response**

None.

**User response**

Type the NetWare Userid in the field and retry the command.

**Source**

LANRES

---

**EWXxx6002E** **Group ID is a required input****Explanation**

The NetWare Groupid is a required input for this command.

**System action**

The command is not executed, and the ISPF panel is re-displayed with the cursor placed on the Groupid input field.

**System programmer response**

None.

## User response

Type the NetWare Groupid in the field and retry the command.

## Source

LANRES

---

**EWXxx6003E****Login script file name is a required input**

## Explanation

The name of a host data set that contains or will contain the NetWare login script file is a required input for this command.

## System action

The command is not executed, and the ISPF panel is re-displayed with the cursor placed on the login script file name input field.

## System programmer response

None.

## User response

Type the NetWare login script file name in the field and retry the command.

## Source

LANRES

---

**EWXxx6005E****Print queue name is a required input**

## Explanation

Print queue name is a required input for this command.

## System action

The ISPF panel is re-displayed with the cursor placed at the beginning of the print queue name field.

## System programmer response

None.

## User response

Enter the print queue name and retry the command.

## Source

LANRES

---

**EWXxx6006E****Print server name is a required input**

## Explanation

Print server name is a required input for this command.



**System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the print server name field.

**System programmer response**

None.

**User response**

Enter the print server name and retry the command.

**Source**

LANRES

---

**EWXxx6009E** **A user/group ID must be specified****Explanation**

A NetWare user or group ID is a required input for this panel.

**System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the field.

**System programmer response**

None.

**User response**

Enter the NetWare user or group ID in the field.

**Source**

LANRES

---

**EWXxx6015E** **A password expiration interval of 0 to 365 must be specified****Explanation**

The time interval between forced password changes must be a positive integer less than 365. Entering 0 means that the password will never expire.

**System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the password expiration interval field.

**System programmer response**

None.

**User response**

Re-type the password expiration interval with a value between 0 and 365.

**Source**

LANRES

---

**EWXxx6016E****A password length of 1 to 20 must be specified****Explanation**

The minimum password length is a number between 1 and 20.

**System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the password length interval field.

**System programmer response**

None.

**User response**

Re-type the password length with a value between 1 and 20.

**Source**

LANRES

---

**EWXxx6017E****The name of the restricted volume must be specified****Explanation**

The name of the NetWare volume where the restriction on user disk space will apply must be entered.

**System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the volume name field.

**System programmer response**

None.

**User response**

Enter the volume name in the volume name field.

**Source**

LANRES

---

**EWXxx6019E****A valid TSO data set name must be entered****Explanation**

A TSO data set name is required for this input field. A valid TSO data set name may be up to 44 characters in length and have as many as 5 levels of qualification.

**System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the TSO data set name field.

### **System programmer response**

None.

### **User response**

Re-type the TSO data set name.

### **Source**

LANRES

---

**EWXxx6021E** **A numeric value must be specified for the data set size**

### **Explanation**

The size of the VSAM Linear Data set is a required input for this panel.

### **System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the VSAM LDS size field.

### **System programmer response**

None.

### **User response**

Enter a numeric value for the size of the VSAM LDS in the specified field.

### **Source**

LANRES

---

**EWXxx6022E** **Message text must be specified**

### **Explanation**

No message text was specified to be sent as a message.

### **System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the VSAM LDS size field.

### **System programmer response**

None.

### **User response**

Type the message text in the specified field.

### **Source**

LANRES

---

**EWXxx6025E** **A date in the form of MM/DD/YY must be specified**

## Explanation

Either a date was not entered, or a date was not entered in the format MM/DD/YY.

## System action

The ISPF panel is re-displayed with the cursor placed at the beginning of the date field.

## System programmer response

None.

## User response

Re-type the date in the correct format in the specified field.

## Source

LANRES

---

**EWXxx6026E**

**A time in the form of HH:MM:SS must be specified**

## Explanation

Either a time was not entered, or a time was not entered in the format HH:MM:SS.

## System action

The ISPF panel is re-displayed with the cursor placed at the beginning of the time field.

## System programmer response

None.

## User response

Re-type the time in the correct format in the specified field.

## Source

LANRES

---

**EWXxx6027E**

**A valid PC path/file name must be specified**

## Explanation

The field was left blank or a valid PC path/file name was not entered.

## System action

The ISPF panel is re-displayed with the cursor placed at the beginning of the PC path/file name field.

## System programmer response

None.

## User response

Enter a valid PC path/file name in the specified field.

**Source**

LANRES

---

**EWXxx6028E****A number between 0 and 200 must be specified for grace logins****Explanation**

The number of times a user can log in with an expired password is a number between 1 and 200. Entering 0 means that the number of grace logins is unlimited.

**System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the grace logins field.

**System programmer response**

None.

**User response**

Enter a number between 0 and 200 in the grace logins field.

**Source**

LANRES

---

**EWXxx6029E****A number between 0 and 250 must be specified for concurrent log ins****Explanation**

The number of workstations a user may be concurrently logged into is a number between 1 and 250. Entering 0 means that the number of concurrent logins is unlimited.

**System action**

The ISPF panel is re-displayed with the cursor placed at the beginning of the concurrent logins field.

**System programmer response**

None.

**User response**

Enter a number between 0 and 200 in the concurrent logins field.

**Source**

LANRES

---

**EWXxx6031E****A valid volume name must be specified****Explanation**

A valid volume name must be specified to complete the operation.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx6032E** **A valid device address must be specified****Explanation**

A valid device address must be specified to complete the operation.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx6035E** **A value between 0 and 268435455 must be specified****Explanation**

A value between 0 and 268435455 must be specified to complete the operation.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx6036I** **Processing Successful**

**Explanation**

The user's request has been successfully completed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx6037E****Processing Unsuccessful****Explanation**

The user's request did not complete successfully. Refer to the other error messages that were displayed to determine why the request failed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx6040E****Password data set cannot be specified with passwords.****Explanation**

Cannot specify a password data set if the passwords are also listed.

**System action**

None.

**System programmer response**

None.

## User response

None.

## Source

LANRES

---

**EWXxx6041E** LANRES function not specified.

## Explanation:

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx6042E** A value between 1 and 1000000 must be specified for line limit.

## Explanation

The maximum number of lines allowed in the log data set is a number from 1 to 1000000.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx6043E** A value between 1 and 255 must be specified for copies.

## Explanation

You may make from 1 to 255 copies.

## System action

None.



**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx6044E** **Command not recognized****Explanation**

An invalid command was entered in the prefix area.

**System action**

The ISPF panel is redisplayed.

**System programmer response**

None.

**User response**

Enter an S to select an entry for display and modification or a D to mark an entry for deletion.

**Source**

LANRES

---

**EWXxx6045W** **Some exit parameter data cannot be displayed due to field constraints****Explanation**

The amount of exit parameter data for the entry exceeds the length of the parameter fields. This situation can occur if long parameter values are specified because values are not wrapped across multiple fields.

**System action**

The exit parameter data is truncated.

**System programmer response**

None.

**User response**

Data may be lost if the entry is saved.

**Source**

LANRES

---

**EWXxx6046S** **Error encountered displaying ISPF panel**

**Explanation**

A severe ISPF error occurred.

**System action**

LANRES will attempt to redisplay the previous panel.

**System programmer response**

If the problem persists, contact your IBM service representative.

**User response**

Restart the ISPF session.

**Source**

LANRES

---

**EWXxx6047I** **Initializing data with information from sample data set****Explanation**

The specified data set does not exist. The table summarizing data set entries has been initialized from the sample LANRES configuration data set.

**System action**

Entries from the sample configuration data set are displayed.

**System programmer response**

None.

**User response**

You can add, modify, or delete entries.

**Source**

LANRES

---

**EWXxx6048E** **Data set name is not valid****Explanation**

An invalid data set name was specified.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the data set name field.

**System programmer response**

None.

**User response**

Enter a valid data set name.

**Source**

LANRES

---

**EWXxx6049E****Member specified, but data set is not partitioned****Explanation**

The data set name is conflicting because the data set is sequential, but a member was specified.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the data set name field.

**System programmer response**

None.

**User response**

Enter a valid data set name.

**Source**

LANRES

---

**EWXxx6050E****Protected data set cannot be accessed****Explanation**

The specified data set is protected so it cannot be accessed through this interface.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the data set name field.

**System programmer response**

None.

**User response**

Enter a nonprotected data set name, or get authorization for the protected data set.

**Source**

LANRES

---

**EWXxx6051E****Error processing requested data set****Explanation**

The specified data set name could not be used successfully.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the data set name field.

**System programmer response**

None.

**User response**

Verify the data set name, and reenter it.

**Source**

LANRES

---

**EWXxx6052E Password expected from server and reentered value do not match****Explanation**

The value specified for the password expected from the NetWare server does not match the reentered value.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the password field.

**System programmer response**

None.

**User response**

Reenter the password expected from the server and the verification password.

**Source**

LANRES

---

**EWXxx6053E Password expected by server and reentered value do not match****Explanation**

The value specified for the password expected by the NetWare server does not match the reentered value.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the password field.

**System programmer response**

None.

**User response**

Reenter the password expected by the server and the verification password.

**Source**

LANRES

---

**EWXxx6054E**

**The password must consist of alphanumeric characters**

**Explanation**

A character other than A-Z, a-z, or 1-9 was entered in the password field.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the password field.

**System programmer response**

None.

**User response**

Retype the information in the field using only the characters A-Z, a-z, and 1-9.

**Source**

LANRES

---

**EWXxx6055E**

**The disk image name must consist of alphanumeric characters**

**Explanation**

A character other than A-Z, a-z, or 1-9 was entered in the disk image name field.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the disk image name field.

**System programmer response**

None.

**User response**

Retype the information in the field using only the characters A-Z, a-z, and 1-9.

**Source**

LANRES

---

**EWXxx6056E**

**The disk image name must start with an alphabetic character**

**Explanation**

A character other than A-Z or a-z was entered as the first character of the disk image name.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the disk image name field.

**System programmer response**

None.

## User response

Retype the information in the field using only a character in A-Z and a-z for the first character.

## Source

LANRES

---

**EWXxx6057E** When data space size is specified, access mode must be specified

## Explanation

The access mode field was left blank, but a value was specified for the data space size. Because the configuration data set is composed of tokens, if the data space size is specified, the preceding field (access mode) must also be specified.

## System action

The ISPF panel is redisplayed with the cursor placed at the beginning of the access mode field.

## System programmer response

None.

## User response

Enter a value for the access mode, or blank out the value in the data space size field.

## Source

LANRES

---

**EWXxx6058E** Data space size must be in the range of 1 to 2048 megabytes or left blank

## Explanation

If a data space size is specified, it must be set to a value between 1 and 2048.

## System action

The ISPF panel is redisplayed with the cursor placed at the beginning of the data space size field.

## System programmer response

None.

## User response

Reenter the data space size with a value between 1 and 2048 or blank out the field.

## Source

LANRES

---

**EWXxx6059E** Access mode must be R, W, or left blank

## Explanation

If the access mode is specified, it must indicate Read only or Write.



---

**EWXxx6062E**

**If PC extension is not specified, type qualifier must be "BLANK"**

**Explanation**

A value was not specified for the PC extension field, and the type qualifier was set to a value other than BLANK.

**System action**

The ISPF panel is redisplayed with the cursor placed at the beginning of the type qualifier field.

**System programmer response**

None.

**User response**

Change the type qualifier value to BLANK, or provide a value in the PC extension field.

**Source**

LANRES

---

**EWXxx6063E**

**Data was truncated when written to the data set**

**Explanation**

Data was lost when the entry was written to the configuration data set because the data set logical record length is smaller than the length of the specified data.

**System action**

A truncated version of the entry is stored in the data set.

**System programmer response**

None.

**User response**

Increase the logical record length of the data set and reenter the data, or use a different interface to enter this data.

**Source**

LANRES

---

**EWXxx6064E**

**Unable to allocate data set**

**Explanation**

The attempt to allocate the data set so that the entry could be written to it failed. The data has not been stored in the data set.

**System action**

The ISPF panel showing the summary of entries is redisplayed.





## Explanation

A value other than EXEC, INTERNAL, or PGM was entered in the user exit type field.

## System action

The ISPF panel is redisplayed with the cursor placed at the beginning of the user exit type field.

## System programmer response

None.

## User response

Reenter a value for the user exit type field using EXEC, INTERNAL, or PGM.

## Source

LANRES

---

**EWXxx6068E** For internal exit type, exit name must be EWXHLINE, EWXHLTRN, or EWXHSCS

## Explanation

An exit type of INTERNAL was specified, but the exit name field was not set to a valid IBM-supplied exit.

## System action

The ISPF panel is redisplayed with the cursor placed at the beginning of the exit name field.

## System programmer response

None.

## User response

Reenter a value for the exit name field using EWXHLINE, EWXHLTRN, or EWXHSCS, or change the exit type.

## Source

LANRES

---

**EWXxx6069E** The exit type must be set to EXEC, INTERNAL, OLDEXEC, PGM, or TSO

## Explanation

A value other than EXEC, INTERNAL, OLDEXEC, PGM, or TSO was entered in the exit type field.

## System action

The ISPF panel is redisplayed with the cursor placed at the beginning of the exit type field.

## System programmer response

None.

## User response

Reenter a value for the exit type field using EXEC, INTERNAL, OLDEXEC, PGM, or TSO.

## Source

LANRES

---

**EWXxx6070E** For internal exit type, exit name must be EWXLHJOB or EWXLHLNP

## Explanation

An exit type of INTERNAL was specified, but the exit name field was not set to a valid IBM-supplied exit.

## System action

The ISPF panel is redisplayed with the cursor placed at the beginning of the exit name field.

## System programmer response

None.

## User response

Reenter a value for the exit name field using EWXLHJOB or EWXLHLNP, or change the exit type.

## Source

LANRES

---

**EWXxx6071E** The function field must be set to DISK, HLPRT, or LHPRT

## Explanation

A value indicating disk serving, host-to-LAN print, or LAN-to-host print must be entered in the function field.

## System action

The ISPF panel is redisplayed with the cursor placed at the beginning of the function field.

## System programmer response

None.

## User response

Select the disk serving, host-to-LAN print, or LAN-to-host print option for the function field.

## Source

LANRES

---

**EWXxx6072E** The function field must be set to ADMIN or DIST

## Explanation

A value indicating administration or distribution must be entered in the function field.



## Source

LANRES

---

**EWXxx6075E**

**The conversion indicator must be set to YES or NO**

## Explanation

Either YES or NO must be selected for the conversion indicator field.

## System action

The ISPF panel is redisplayed with the cursor placed at the beginning of the conversion indicator field.

## System programmer response

None.

## User response

Indicate YES, that the entry should be stored in the new format, or NO, that the entry should be stored in the old format.

## Source

LANRES

---

**EWXxx6076E**

**Clear and view options require an established ADMIN or DIST connection**

## Explanation

A connection to the administration or distribution function has not been established. Clear and view options are not valid until after a connection to one of these functions is successfully established.

## System action

The ISPF panel is redisplayed with the cursor placed at the beginning of the message logging field.

## System programmer response

None.

## User response

Select an option other than clear or view, or establish an administration or distribution connection and retry the operation.

## Source

LANRES

---

**EWXxx9000S**

**No storage is available to initialize the heap.**

## Explanation

LANRES was unable to obtain its initial storage requirements.



**Source**

LANRES

---

**EWXxx9003E****Message *msgid* was not found in the LANRES message repository.****Explanation**

LANRES was unable to locate a message in its message repository.

**System action**

The requested message is not displayed.

**System programmer response**

Make sure that the EWXMSGs DD is defined for the job and specifies the correct LANRES message repository dataset name.

**User response**

Report the problem to the system support programmer.

**Source**

LANRES

---

**EWXxx9004E****Unable to read message *msgid* from the LANRES message repository.****Explanation**

LANRES was unable to display a message due to an error while reading the message repository.

**System action**

The requested message is not displayed.

**System programmer response**

Make sure that the EWXMSGs DD is defined for the job and specifies the correct LANRES message repository dataset name.

**User response**

Report the problem to the system support programmer.

**Source**

LANRES

---

**EWXxx9005S****LANRES requires MVS/ESA Release 3.1.3 or later.****Explanation**

LANRES does not support the current level of the host operating system.

**System action**

Command processing ends.







## User response

Correct the problem and reenter the command.

## Source

LANRES

---

**EWXxx9012E** *'keyword'* is an incorrect configuration keyword.

## Explanation

An incorrect keyword was specified in the LANRES configuration options file.

## System action

The configuration option is not processed.

## System programmer response

None.

## User response

Correct the configuration options file by specifying a valid configuration option.

## Source

LANRES

---

**EWXxx9013E** *'option'* is an incorrect value for the *keyword* configuration option.

## Explanation

An incorrect option was specified in the LANRES configuration options file.

## System action

The configuration option is ignored.

## System programmer response

None.

## User response

Correct the configuration options file by specifying a valid configuration option.

## Source

LANRES

---

**EWXxx9014E** Unable to read NetWare service file: *error*.

## Explanation

An I/O error occurred while reading the NetWare service package file. This file contains the current service level for the LANRES NetWare server code.



**Source**

LANRES

---

**EWXxx9017I** *Service level level sent to server server.***Explanation**

The LANRES service distribution controller has sent a new LANRES service level to the indicated NetWare server. This service update will take effect the next time the NetWare server is started.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**EWXxx9018E** *File I/O error detected by server server.***Explanation**

The service distribution catcher on the NetWare server was unable to write the new service files to disk.

**System action**

Service distribution ends for the server with the error.

**System programmer response**

None.

**User response**

Check the NetWare console for error messages explaining the cause of the error. If the error persists, disable service distribution for the server with the error.

**Source**

LANRES

---

**EWXxx9019E** *File CRC error detected by server server.***Explanation**

The service distribution catcher on the NetWare server detected a CRC error for one of the service files. The file was corrupted during transmission to the server.

**System action**

Service distribution ends for the server with the error.

## System programmer response

None.

## User response

Check the NetWare console for error messages explaining the cause of the error. If the error persists, disable service distribution for the server with the error.

## Source

LANRES

---

**EWXxx9020E** Packet sequence error detected by server *server*.

## Explanation

The service distribution catcher on the NetWare server detected a packet sequence error for one of the service files. The data was corrupted during transmission to the server.

## System action

Service distribution ends for the server with the error.

## System programmer response

None.

## User response

Check the NetWare console for error messages explaining the cause of the error. If the error persists, disable service distribution for the server with the error.

## Source

LANRES

---

**EWXxx9150E** Dynamic allocation request for dataset *dsname* failed with return code *return-code* and error code *error*.

## Explanation

A dynamic allocation request failed for the indicated dataset. The return code is the decimal value returned in register 15 by SVC 99 and the error code is the hexadecimal value returned in the error reason field of the SVC 99 request block. See *z/OS MVS Programming: Authorized Assembler Services Guide* for a description of the error and possible recovery actions.

## System action

The dataset is not allocated.

## System programmer response

None.

## User response

Correct the problem and retry the request.

## Source

LANRES

---

**EWXxx9151E**

**Dynamic unallocation request for DD *ddname* failed with return code *return-code* and error code *error*.**

## Explanation

A dynamic unallocation request failed for the indicated DD. The return code is the decimal value returned in register 15 by SVC 99 and the error code is the hexadecimal value returned in the error reason field of the SVC 99 request block. See the [z/OS MVS Programming: Assembler Services Guide](#) for a description of the error and possible recovery actions.

## System action

The dataset is not freed.

## System programmer response

None.

## User response

Correct the problem and retry the request.

## Source

LANRES

---

**EWXxx9152E**

**Dynamic allocation request for device *ddname* failed with return code *return-code* and error code *error*.**

## Explanation

A dynamic allocation request failed for the indicated device. The return code is the decimal value returned in register 15 by SVC 99 and the error code is the hexadecimal value returned in the error reason field of the SVC 99 request block. See the [z/OS MVS Programming: Authorized Assembler Services Guide](#) for a description of the error and possible recovery actions.

## System action

The device is not allocated.

## System programmer response

None.

## User response

Correct the problem and retry the request.

## Source

LANRES

---

**EWXxx9153E**

**Unable to delete member *member* from dataset *dsname*: STOW error *error*, reason code *reason-code*.**



## User response

Correct the problem and retry the request.

## Source

LANRES

---

**EWXxx9156E**                      **Unable to open member *member* in dataset *dsname*: FIND error error, reason code *reason-code*.**

## Explanation

LANRES was unable to open the indicated partitioned dataset member due to a FIND failure. See [z/OS DFSMS Macro Instructions for Data Sets](#) for a description of the error and possible recovery actions.

## System action

The dataset is not opened.

## System programmer response

None.

## User response

Correct the problem and retry the request.

## Source

LANRES

---

**EWXxx9157E**                      **Unable to store member *member* in dataset *dsname*: STOW error error, reason code *reason-code*.**

## Explanation

LANRES was unable to create the indicated partitioned dataset member due to a STOW failure. See [z/OS DFSMS Macro Instructions for Data Sets](#) for a description of the error and possible recovery actions.

## System action

The member is not stored.

## System programmer response

None.

## User response

Correct the problem and retry the request.

## Source

LANRES

---

**EWXxx9158E**                      **Unable to store member *member* in dataset *dsname* because the dataset directory is full.**



## Explanation

LANRES was unable to create the indicated partitioned dataset member because there is no room available in the dataset directory.

## System action

The member is not stored.

## System programmer response

None.

## User response

Correct the problem and retry the request.

## Source

LANRES

---

**EWXxx9159E** *'name' terminated due to attention.*

## Explanation

A TSO command or program was terminated by an attention interrupt.

## System action

The command is terminated.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx9160E** *'name' abnormally terminated: Completion code code, Reason code reason-code.*

## Explanation

A TSO command, REXX procedure, or host system program abnormally terminated. The completion code is either a hexadecimal system completion code (Sxxx) or a decimal user completion code (Unnn).

## System action

The command is terminated.

## System programmer response

None.

## User response

For a system completion code, see [z/OS MVS System Codes](#) for a description of the completion code. For a user completion code, refer to the command or program documentation for a description of the completion code.

## Source

LANRES

---

**EWXxx9161E** TSO service routine IKJEFTSR ended with return code *code* and reason code *reason-code*.

## Explanation

The IKJEFTSR service routine ended with an unexpected return code. See [z/OS TSO/E Programming Services](#) for a description of the return codes and possible recovery actions.

## System action

The TSO command is not executed.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx9162E** 'name' was not found.

## Explanation

The indicated TSO command, REXX procedure, or host program program was not found.

## System action

The command or program is not run.

## System programmer response

None.

## User response

Make sure that the name is correct and that the proper DD statements are defined.

## Source

LANRES

---

**EWXxx9163E** The 'name' command is not supported in a non-TSO environment.



## User response

Specify a valid system command.

## Source

LANRES

---

**EWXxx9166E** Unable to locate program *name*: BLDL error *error*, reason code *reason-code*.

## Explanation

LANRES was unable to locate the indicated program due to a BLDL failure. See [z/OS DFSMS Macro Instructions for Data Sets](#) for a description of the error and possible recovery actions.

## System action

The program is not executed.

## System programmer response

None.

## User response

Correct the problem and retry the request.

## Source

LANRES

---

**EWXxx9167E** Unable to create REXX environment: IRXINIT error *error*, reason code *reason-code*.

## Explanation

LANRES was unable to create the REXX environment. See [z/OS TSO/E REXX Reference](#) for a description of the error and possible recovery actions.

## System action

Command processing ends.

## System programmer response

None.

## User response

Correct the problem and retry the request.

## Source

LANRES

---

**EWXxx9168E** Unable to issue REXX stack request: IRXSTK error *error*.



## User response

Correct the problem indicated by the error text.

## Source

LANRES

---

**EWXxx9171S**

**LANRES task *name* terminated by attention interrupt.**

## Explanation

A TSO attention interrupt was received while a LANRES task was active. A U0024 user abend will be issued to terminate the current task.

## System action

Command processing ends.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx9172E**

**Online help is not available.**

## Explanation

Online LANRES help was requested but LANRES is not running in a foreground TSO session.

## System action

The help information is not displayed.

## System programmer response

None.

## User response

Online help is available only when LANRES is invoked as a TSO command in a foreground TSO session. Retry the help request when logged on to TSO.

## Source

LANRES

---

**EWXxx9173E**

**Unable to display help panel *name*: ISPTUTOR return code *code*.**

## Explanation

Online LANRES help was requested but the ISPTUTOR program either was not available or encountered an error while displaying the help information.



## Source

LANRES

---

**EWXxx9176E** **DIV request for *dsname* failed with error *error*, reason code *reason-code*.**

## Explanation

A data-in-virtual request for the indicated VSAM linear dataspace failed with the indicated error and reason codes. See the [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#) for a description of the DIV error codes.

## System action

Disk serving is terminated for the failing LANRES volume.

## System programmer response

None.

## User response

Correct the problem and restart the disk server job.

## Source

LANRES

---

**EWXxx9177E** **Linear dataspace *dsname* has not been initialized.**

## Explanation

The indicated VSAM linear dataspace has not been initialized for use with LANRES.

## System action

Command processing ends.

## System programmer response

None.

## User response

Use the EWXLD CRT command to initialize the dataspace and then retry the failing command.

## Source

LANRES

---

**EWXxx9178E** **DSPSERV request for *dsname* failed with error *error*, reason code *reason-code*.**

## Explanation

A dataspace request for the indicated VSAM linear dataspace failed with the indicated error and reason codes. See the [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#) for a description of the DIV error codes.





## User response

Correct the problem and retry the EWXLCRT command.

## Source

LANRES

---

**EWXxx9181E** **IDCAMS error *error* detected while deleting VSAM dataset *dsname*.**

## Explanation

The IDCAMS utility returned an error for the indicated VSAM dataset. The error code is usually the last three digits of the IDCAMS error message. For example, a return code of 12 indicates that message IDC3012I was issued by IDCAMS. See the *z/OS DFSMS Access Method Services Commands* for more information on IDCAMS. See the *z/OS MVS System Messages, Vol 6 (GOS-IEA)* for a description of the IDC messages.

## System action

The LANRES disk image dataset is not deleted.

## System programmer response

None.

## User response

Correct the problem and retry the EWXLDDL command.

## Source

LANRES

---

**EWXxx9182I** ***message\_text***

## Explanation

This message is used by the EWXWTO command to send a message to a host system operator console. The message text is supplied by the caller of EWXWTO.

## System action

None.

## System programmer response

None.

## User response

None.

## Source

LANRES

---

**EWXxx9183E** **DSPSERV request failed with error *error* and reason code *reason-code*.**



## User response

Correct the problem and retry the failing command.

## Source

LANRES

---

**EWXxx9186E** *dsname does not contain a valid dictionary.*

## Explanation

The indicated dataset does not contain a valid data compression dictionary.

## System action

Command processing ends.

## System programmer response

None.

## User response

Change the EWXDICT DD statement to point to a valid data compression dictionary dataset and retry the failing command.

## Source

LANRES

---

**EWXxx9187W** *Disk image dsname is too small for data compression.*

## Explanation

Data compression was requested but the disk image dataset is not large enough to contain the data compression control tables. As a general rule, the disk image dataset should not be smaller than one half the size of the NetWare volume segment.

## System action

Data compression is not used for the disk image.

## System programmer response

None.

## User response

If the error occurred while creating a new disk image dataset, specify either a larger image dataset size or a smaller NetWare volume segment size. If the error occurred while restoring a disk image dataset from a dump file, create a new disk image dataset and either specify a larger disk image dataset size or do not request data compression.

## Source

LANRES

---

**EWXxx9188E** *Unable to enqueue dataset dsname: Error error.*



## System programmer response

None.

## User response

Make sure that the NetWare server is operational and that the LANRES NLM has not terminated.

## Source

LANRES

---

**EWXxx9197S**                      **LANRES task *name* abnormally terminated with completion code *code* reason code *reason-code*.**

## Explanation

A LANRES task was abnormally terminated. The completion code is either a hexadecimal system completion code (Sxxx) or a decimal user completion code (Unnnn). The reason code is always a hexadecimal value. See [z/OS MVS System Codes](#) for a description of the system completion codes.

LANRES uses the following user completion codes:

- 0016 - The C/370 abort() function was requested.
- 0020 - Communication subtask abnormally terminated.
- 0024 - Task terminated by attention interrupt.

## System action

The LANRES command is terminated.

## System programmer response

None.

## User response

Correct the problem and retry the command.

## Source

LANRES

---

**EWXxx9198E**                      **Unable to locate C/370 save area during exit processing.**

## Explanation

The LANRES ESTAE exit was unable to locate a C/370 save area for use during recovery processing.

## System action

ESTAE recovery is not attempted and the task is terminated.

## System programmer response

Report the problem to IBM.

## User response

Report the problem to the system support programmer.

**Source**

LANRES

**EWXxx9199S****The communication subtask has abnormally terminated.**

---

**Explanation**

The LANRES communication subtask has terminated. This task performs all inter-task and inter-system communication functions as well as message display and logging functions. There should be additional messages in the job log indicating the cause of the failure.

**System action**

The current task is terminated with a U0020 abend.

**System programmer response**

None.

**User response**

Correct the problem and retry the request.

**Source**

LANRES

**EWX server messages**

---

**0100I*****prognam* initialized.**

---

**Explanation**

The *prognam* program has been loaded and successfully initialized.

**System action**

The program is ready to process transactions.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

**0101I*****prognam* Service Level *level* initialized.**

---

**Explanation**

The *prognam* program at service level *level* has been loaded and successfully initialized.





**System programmer response**

- For RC=1, a session will have to be made available for the program to successfully load. Free up one of the sessions by unloading LANRES functions that are not being used or add more sessions using the SESSIONS field in the EWXCOMM.INI file (this requires unloading and reloading all the LANRES NLMs).
- For RC=6, correct the problem using the other messages. Then restart the EWXCOMM NLM.
- For RC=8, use the other messages to determine and correct the problem. Then restart the failing program.

**User response**

None.

**Source**

LANRES

---

**0107E** *programe* level mismatch between Host and Server programs.

**Explanation**

The version, release, and modification numbers of program *programe* do not match the release and modification numbers of the corresponding program on the host.

**System action**

The server program remains loaded waiting for the correct version of the host program to be run.

**System programmer response**

Check the levels of the server and host programs. Then determine which level should be run and make the necessary changes.

**User response**

None.

**Source**

LANRES

---

**0109S** A request has been received that cannot be executed by *programe*.

**Explanation**

The server program *programe* has received an incorrect command request from the host.

**System action**

The request is ignored and a return code is passed back to the host program.

**System programmer response**

Ensure the LANRES host programs are installed at the correct release level that matches the NetWare NLMs. Do this by entering either the EWXADMIN QUERY ID or EWXDS QUERY ID command. The user may need to enter the EWXCONN LINK command to establish a new connection to the server.

**User response**

None.

### Source

LANRES

---

**0110I** *progname* has been unloaded.

### Explanation

The program *progname* has been unloaded by a request from the NetWare console.

### System action

The program is unloaded. Any session being used by *progname* becomes available.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**0111I** Host timeout on session *session*.

### Explanation

The host program has not responded to a request within the time specified by the disk timeout value.

### System action

The program stays loaded waiting for a connection. The EWXDISK component will deactivate all disks associated with that line and reactivate the disks when the connection is reestablished.

### System programmer response

Restart the host program related to the NLM used to reestablish a connection.

### User response

None.

### Source

LANRES

---

**0112S** Host did not read the correct number of packets.

### Explanation

The server application tried to send a certain number of packets of data to the host program. The host program was interrupted and all the packets were not read.

### System action

The server program remains operational. The packets received at the host program are discarded.

**System programmer response**

Other error messages may indicate why all the packets were not read and should be used to correct the problem.

**User response**

None.

**Source**

LANRES

---

**0115E** **Host program is not a *progname* server.**

**Explanation**

The program on the NetWare server does not match the program on the host. The server is connected to a host program that performs a different function.

**System action**

The program remains loaded, waiting for a request from the correct program.

**System programmer response**

Unload the NLM and restart it, or enter a EWXCONN DROP command from the host user ID connected to the NLM.

**User response**

None.

**Source**

LANRES

---

**0130I** **Connection established with host disk server program, session *session*.**

**Explanation**

The host disk server has responded with disk information necessary for connection to the server.

**System action**

The disks are now allocated to NetWare and available for use.

**Source**

LANRES

---

**0132E** **Insufficient memory to initialize disks.**

**Explanation**

The disk driver, EWXDISK, was unable to allocate the storage needed to add the disks.







**System action**

None.

**System programmer response**

The file may be used to view the last trace messages saved. Tracing to this buffer is started by selecting the "Selective Trace to Buffer" option from the "Trace options" menu.

**User response**

None.

**Source**

LANRES

---

**0146E** **Log file buffer full, *lost-message-count* message(s) were lost.**

**Explanation**

The log file buffer is used to process messages before writing them to the log file. The buffer overflowed before writing completed and *lost-message-count* messages were unable to be processed.

**System action**

Message logging continues after the loss.

**System programmer response**

The log buffer size may be increased in the configuration file using the LOG\_BUFFER\_SIZE keyword

**User response**

None.

**Source**

LANRES

---

**0199S** **An internal processing error occurred with symptom string: *symptom*.**

**Explanation**

The system detected that it was in an invalid state.

**System action**

Unpredictable.

**System programmer response**

None.

**User response**

Record the symptom string and notify IBM service.







## EWX Server Messages

### Explanation

The parameter(s) listed in the message are part of the program syntax, but the parameter(s) have been entered more than once.

### System action

The program is unloaded from the NetWare server.

### System programmer response

Load the program using the correct syntax.

### User response

None.

### Source

LANRES

---

**0507E** **Incorrect server name *server* specified.**

### Explanation

A server name must be between 2 and 47 characters long and cannot contain spaces or any of the following special characters:

Character	Name
/	(slash)
\	(back slash)
:	(colon)
;	(semicolon)
,	(comma)
*	(asterisk)
?	(question mark)

### System action

The program is unloaded from the NetWare server.

### System programmer response

Load the program using the correct syntax.

### User response

None.

### Source

LANRES

---

**0508E** **Conflicting parameter(s) *parameter(s)* specified.**





**Source**

LANRES

---

**0513E**                                    **The PWIN and PWOUT parameters must be specified as a pair. If one parameter is specified, the other parameter must also be specified.**

**Explanation**

The PWIN and PWOUT parameters designate the values for the component passwords and must be specified as a pair.

**System action**

The program is unloaded from the NetWare server.

**System programmer response**

Load the program using the correct syntax.

**User response**

None.

**Source**

LANRES

---

**0514E**                                    **Cannot open component password file *filename*. Program will be unloaded.**

**Explanation**

The program listed in the message tried to open the component password file but the file cannot be found or opened.

**System action**

The program is unloaded from the NetWare server.

**System programmer response**

Verify the component password file exists. The location where the file can be found can be specified by using the function or communication driver command line or from the communication driver initialization file. Default component password files can be created. The default file name should be EWXxxxx.NPW (xxxxx should be replaced by the function ADMIN, DIST, DISK, HLPRT, or LHPRT) and the file should be located in the directory the program is loaded from or in the SYS:\EWXNLM directory.

**User response**

None.

**Source**

LANRES

---

**0515E**                                    **Line number of component password file *filename* is too long. Program will be unloaded.**

### **Explanation**

Lines in the component password file, except comments, are limited to 128 characters in length. Line *number* in *filename* exceeded this limit.

### **System action**

The program is unloaded from the NetWare server.

### **System programmer response**

Correct the file *filename* and load the program again.

### **User response**

None.

### **Source**

LANRES

---

**0516E** **Incorrect password specified in line *number* of component password file *filename*. Program will be unloaded.**

### **Explanation**

A component password must be between 1 and 8 characters in length, and be an alphanumeric string (from 0 to 9, a to z, and A to Z). The password is not case sensitive. Line *number* in *filename* contains a password that does not fit this format.

### **System action**

The program is unloaded from the NetWare server.

### **System programmer response**

Correct the file *filename* and load the program again. Verify comments in the file start with '\*', '/', or ';' in the first column.

### **User response**

None.

### **Source**

LANRES

---

**0517I** **Trace option turned on for *function* function.**

### **Explanation**

The TRACE parameter was specified on the command line or in the initialization file. The program that issued this message will now run in TRACE mode.

### **System action**

Processing continues.

**System programmer response**

The TRACE parameter should be used with the help of an IBM service representative.

**User response**

None.

**Source**

LANRES

---

<b>0518E</b>	<b>Authentication error. Signature mismatch between host and server programs. Connection will be dropped.</b>
--------------	---

**Explanation**

Packets sent between the host and the NetWare server contain signatures to verify the packet originated from the correct function. If a signature that is received does not match what is expected, then a communications error has occurred and the connection to the host will be dropped.

**System action**

Connection to the host is dropped. The program on the NetWare server tries to recover from this error.

**System programmer response**

This problem may occur if the user on the host is using subchannels for communications and does not use the LANRES LINK command to change the set of subchannels used for communications. If the problem persists, contact an IBM service representative.

**User response**

The user on the host should enter a EWXCONN LINK command to establish a new connection with the NetWare server.

**Source**

LANRES

---

<b>0519E</b>	<b>Error sending data to the host (RC=return-code).</b>
--------------	---

**Explanation**

A communications error occurred while sending data to the host.

**System action**

The program on the NetWare server tries to recover from this error.

**System programmer response**

Verify the communications method is operating correctly.

**User response**

None.

## Source

LANRES

---

**0520W** Error receiving data from the host (RC=*return-code*).

## Explanation

A communications error occurred while receiving data from the host.

## System action

The program on the NetWare server tries to recover from this error.

## System programmer response

Verify the communications method is operating correctly.

## User response

None.

## Source

LANRES

---

**0521E** Cannot open a connection for the *function* function because there are no available sessions.

## Explanation

The SESSIONS parameter in the communications driver command line or in the initialization file specifies how many sessions are available to the LANRES functions. Each of the EWXADMIN.NLMs, EWXDIST.NLMs, EWXHLPRT.NLMs, and EWXLHPRT.NLMs loaded on the server take up one of the available sessions. The EWXDISK.DSK program takes up as many available sessions as specified by its DISK\_SESSIONS parameter. This message was issued because all the available sessions were taken, so no new LANRES function can be loaded or started.

## System action

If the function is ADMIN, DIST, HLPRT, or LHPRT, then the program is unloaded from the NetWare server. If the function is DISK, then the new session is not started.

## System programmer response

Add additional sessions with the EWXCMD server command or free up some sessions by unloading one of the LANRES functions.

## User response

None.

## Source

LANRES

---

**0522E** Incorrect component password *password* specified.





**System programmer response**

Correct the file *filename* and load the program again.

**User response**

None.

**Source**

LANRES

---

**0525E** Password specified in line *number* of LANRES object password file *filename* is too long. Program will be unloaded.

**Explanation**

A password can not be longer than 127 characters in length for the LANRES object. Line *number* in *filename* contains a password that exceeds this limit.

**System action**

The program is unloaded from the NetWare server.

**System programmer response**

Correct the file *filename* and load the program again.

**User response**

None.

**Source**

LANRES

---

**0526I** Program has initialized or restarted.

**Explanation**

The program listed in the message has performed one of the following:

- The program has been loaded on the NetWare server and has initialized successfully.
- The program has recovered from an error and restarted successfully.

**System action**

None.

**System programmer response**

None.

**User response**

None.



## EWX Server Messages

### System action

The program is unloaded from the NetWare server.

### System programmer response

Load the program using the correct syntax.

### User response

None.

### Source

LANRES

---

**0530E** **Logfile is full.**

### Explanation

The log file has reached its maximum size and the current message cannot be logged.

### System action

The message is not logged.

### System programmer response

Remove the log file or increase the maximum size for the log file in the EWXCOMM.INI file.

### User response

None.

### Source

LANRES

---

**0531W** **The size of the logfile has exceeded the threshold.**

### Explanation

While logging a message, the log file's size exceeded the specified threshold.

### System action

None.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**0532E** **Parameter *parameter* is longer than the maximum of *number* characters.**

**Explanation**

The parameter listed in the message is too long.

**System action**

The program is unloaded from the NetWare server.

**System programmer response**

Load the program using the correct syntax.

**User response**

None.

**Source**

LANRES

---

**0533E** **Incorrect value *value* specified for *parameter* parameter.**

**Explanation**

The value listed in the message was specified on the command line, but it is not an acceptable value for the parameter listed in the message.

**System action**

The program is unloaded from the NetWare server.

**System programmer response**

Load the program using the correct syntax.

**User response**

None.

**Source**

LANRES

---

**0534E** **One or both passwords cannot be found in the component password file *filename*. Program will be unloaded.**

**Explanation**

Both component passwords are required to connect the host to a NetWare function.

**System action**

The program is unloaded from the NetWare server.



**Explanation**

The NLM has established a connection to a program on the host. The internal session number is displayed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**0538I** **Connection between *NLM\_name* and the host on session *session\_number* will be dropped.**

**Explanation**

The program on the host has requested that the connection to the NLM be dropped. The internal session number is displayed.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**0539E** **Cannot obtain a communication buffer to send to the host.**

**Explanation**

The NLM asked the communication layer for a buffer to send to the host but the communication layer was unable to fulfill the request. Suspect insufficient server memory for the buffer.

**System action**

The connection to the host is restarted or the NLM is unloaded.

**System programmer response**

If the problem persists, free up server memory by unloading NLMs or add more memory to the server.

**User response**

None.

**Source**

LANRES

---

**0540I** **NetWare Directory Services not installed / DS.API not loaded.**

**Explanation**

Either Netware Directory Services is not installed or DS.API not loaded.

**System action**

Bindery Emulation will be used.

**System programmer response**

Uses bindery services.

**User response**

If NDS is installed, load DS.API to use NetWare Directory Services and then reload this NLM. Otherwise, use bindery services for this NLM.

**Source**

LANRES

---

**0541E** **API NetWare API error (RC=return-code).**

**Explanation**

A LANRES call to the NetWare API *API* returned with the error *return-code*.

**System action**

Error recovery is initiated.

**System programmer response**

Check the file(s) in the Print Queue. If the size is blank, delete it and retry the operation. If the problem persists, look up the return code in the NetWare library.

**User response**

None.

**Source**

LANRES

---

**1201I** **LAN-to-host printing has established host communications.**

**Explanation**

A communications link has been established between the server and the host.



**System action**

The file server will wait indefinitely for the message from the host. When the proper message is received and processing of print jobs is to begin, this message is displayed. Should the connection be lost and regained, this message will be displayed.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**1203S** **No print queues found for the print server.****Explanation**

There were no print queues set up on the NetWare server that could be attached to the LAN-to-host print server.

**System action**

The program is unloaded.

**System programmer response**

Use PCONSOLE or EWXADMIN to create the necessary print queues.

**User response**

None.

**Source**

LANRES

---

**1204S** **Print server name already in use.****Explanation**

The print server specified during the start up of print on the host, or the default name: HOSTPRT, is already being serviced by another print server utility such as PSERVER.NLM.

**System action**

The host side of print exits, and the NLM waits for the host to restart.

**System programmer response**

Verify that the print server name specified in the host start up is the desired print server to use. If it is the correct name, determine what printer utility is using the print server and unloaded it; check PSERVER first.

**User response**

None.

### Source

LANRES

---

**1205S** Error returned using the AddINC function (RC=*return-code*).

### Explanation

While trying to call the AddINC program, an internal error was generated.

### System action

The program is unloaded.

### System programmer response

If the return code is 1, 3, or 4, report the error to an IBM service representative. If the return code is 2, operation will continue normally.

### User response

None.

### Source

LANRES

---

**1206I** EWXLHPRT.NLM stopped because print server was deleted.

### Explanation

The NetWare print server associated with EWXLHPRT.NLM was deleted. When this happens, the EWXLHPRT.NLM no longer has access to the NetWare Queue Management System and cannot process print jobs.

### System action

The EWXLHPRT.NLM which issued the message is unloaded.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**1208E** Print queue file read error. Print server restarting.

### Explanation

A system I/O error was detected while trying to read a print queue file.

### System action

The program will reset and try to read the file again.



## Source

LANRES

---

**1211I** Queue *queue\_name* not defined at the Host.

## Explanation

The queue specified in the NPRINT command was not recognized by the Host service machine.

## System action

Processing of jobs for other queues continues.

## System programmer response

Add the queue name and corresponding data into the LAN-to-host print configuration file, EWXLHPRT PROCS.

## User response

Use another print queue or contact your system programmer with the queue name to be added to the LAN-to-host print configuration.

## Source

LANRES

---

**1212I** Print job sent to host; status unknown.

## Explanation

A user exit processed the job, but no message information was returned. The status of the print job is unknown. The job may or may not have printed. This message is generated at the host print service machine, and displayed at the client terminal.

## System action

Processing of jobs continues.

## System programmer response

Determine why the user exit associated with the queue is not returning any message information.

## User response

None.

## Source

LANRES

---

**1213I** Print job purged; empty file.

## Explanation

The print job specified to print contained no data to print.

## System action

Print job is discarded. Processing of jobs continues.

**System programmer response**

None.

**User response**

Do not send empty jobs to be printed at the host.

**Source**

LANRES

---

**1214I** *Status\_of\_print\_job*

**Explanation**

The status of the print job when sent to the host is returned through the use of a message that the customer creates/modifies within the host user exits. The message from the host is displayed by this message.

**System programmer response**

Create messages that are self explanatory. The message will be truncated after 58 characters.

**User response**

None.

**Source**

LANRES

---

**1215I** *Cannot attach to queue queue.*

**Explanation**

The queue specified associated with the print server specified during the start of the LAN to host print service machine cannot be attached to the EWXLHPRT.NLM.

**System action**

The queue will not be monitored by LAN to host print.

**System programmer response**

Check the parameters associated with the queue status by using PCONSOLE and modify if necessary.

**User response**

None.

**Source**

LANRES

---

**1216I** *Could not translate print queue name, queue.*

**Explanation**

The queue specified associated with the NPRINT command could not be translated correctly. The LAN-to-host print service machine can not determine which user exit to call.

**System action**

The print job is not printed. The LAN-to-host print function continues to run.

**System programmer response**

Verify the queue name is valid in terms of translating to EBCDIC. If queue name is correct, check the translation routine.

**User response**

None.

**Source**

LANRES

---

**1217I** Job status message could not be translated.

**Explanation**

The message returned from the user exit stating the status of the print job could not be translated from EBCDIC to ASCII correctly, or the message returned was longer than 57 bytes.

**System action**

The print job status is unknown. The LAN-to-host print function continues to run.

**System programmer response**

Verify the message is not longer than 57 bytes and is valid in terms of translating to ASCII. If the message is correct, check the translation routine.

**User response**

None.

**Source**

LANRES

---

**1218I** Error in user exit for queue *queue*.

**Explanation**

The user exit associated with the queue returned a nonzero return code signifying that the user exit did not process as expected.

**System action**

The print job is not printed. The LAN-to-host print function continues to run.

**System programmer response**

Determine why the user exit is not executing properly.

**User response**

None.

**Source**

LANRES

---

**1219W****Print job in progress, abend possible if unload continues.****Explanation**

The command UNLOAD EWXLHPRT was entered on the NetWare console and EWXLHPRT.NLM is currently processing a print job. Continuing to unload could cause the NetWare server processing to stop, print data to be lost, or both.

**System action**

A continue with the unload command prompt will be displayed.

**System programmer response**

None.

**User response**

Discontinue the unload command.

**Source**

LANRES

---

**1426I****Host-to-LAN printing****Explanation**

This is a data dictionary lookup.

**System programmer response**

None

**User response**

None

**Source**

LANRES

---

**1427E****Error writing data into the print queue (RC=return-code).****Explanation**

An I/O error was detected while trying to write the data into the NetWare print queue. This could be caused by a hardware problem on a disk or a NetWare system problem such as no disk space left.

**System action**

The NLM closes the file and removes the queue entry from the system. The NLM resets and waits for the next request.







**Explanation**

EWXHLPRT.NLM cannot obtain enough memory from the server to create an internal table which is used to keep track of the separate processes started by the NLM. The number of processes is taken from the PROCESSES=*number* option or the default value.

**System action**

The NLM is unloaded.

**System programmer response**

Load the NLM with a smaller number in the PROCESSES=*number* option. If the problem persists, free up server memory by unloading NLMs or add more memory to the server.

**User response**

None.

**Source**

LANRES

---

**1433E** **Incorrect initialization packet received from the host.**

**Explanation**

EWXHLPRT.NLM expected an initialization packet but did not receive one.

**System action**

The connection to the host is restarted.

**System programmer response**

The host-to-LAN print program on the host should automatically reconnect to the NLM and send another initialization packet.

**User response**

None.

**Source**

LANRES

---

**1434E** **The host packet that was received is too small.**

**Explanation**

EWXHLPRT.NLM received a packet from the host that did not contain all the required information to be a valid packet.

**System action**

The connection to the host is restarted.

**System programmer response**

If the problem persists, contact an IBM service representative.

**User response**

None.

**Source**

LANRES

---

**1435E** **All the thread groups have not ended.****Explanation**

EWXHLPRT.NLM is waiting for all the separate processes to end before unloading or restarting the connection to the host, but all the processes have not ended.

**System action**

The NLM is unloaded which will force all processes to end.

**System programmer response**

If the problem persists, contact an IBM service representative.

**User response**

None.

**Source**

LANRES

---

**1436E** **Unknown host packet type *number* received.****Explanation**

EWXHLPRT.NLM does not recognize the type of the packet received from the host.

**System action**

The connection to the host is restarted.

**System programmer response**

If the problem persists, contact an IBM service representative.

**User response**

None.

**Source**

LANRES

---

**1437W** **The list of file servers has been locked the last *number* minutes.**

### **Explanation**

EWXHLPRT.NLM is processing a lot of work and is slow in responding to the task that issued this message. The list of file servers is an internal list used by the NLM. This message may appear occasionally on a busy file server.

### **System action**

The task continues to wait for the list of file servers.

### **System programmer response**

If this message appears frequently, contact an IBM service representative.

### **User response**

None.

### **Source**

LANRES

---

**1438W** **No receive buffer has been freed the last *minutes* minutes.**

### **Explanation**

EWXHLPRT.NLM is processing a lot of work and is slow in processing the requests from the host. Receive buffers are used internally by the NLM to read information from the host. This message may appear occasionally on a busy file server.

### **System action**

The task continues to wait for a receive buffer.

### **System programmer response**

Increase the BUFFERS value on the LOAD EWXHLPRT.NLM command line. If this message still appears frequently, contact an IBM service representative.

### **User response**

None.

### **Source**

LANRES

---

**1751E** **Incorrect value *value* given for DISKTIMEOUT.**

### **Explanation**

An incorrect value was given for the DT= option when loading EWXDISK.

### **System action**

EWXDISK will unload.

### **System programmer response**

Specify a value of 1 to 3600 for DT.

**User response**

None.

**Source**

LANRES

---

**1753E** **Incorrect value *value* given for IDLETIMEOUT.****Explanation**

An incorrect value was given for the IT= option when loading EWXDISK.

**System action**

EWXDISK will unload.

**System programmer response**

Specify a value of 1 to 3600 for IT.

**User response**

None.

**Source**

LANRES

---

**1754E** **Incorrect value *value* given for DISK\_SESSIONS.****Explanation**

An incorrect value was given for the DISK\_SESSIONS option when loading EWXDISK.

**System action**

EWXDISK will unload.

**System programmer response**

Specify a correct value for DISK\_SESSIONS. If a number is not specified, one additional EWXDISK session will be started.

**User response**

None.

**Source**

LANRES

---

**1755S** **Initialization failed because of a session that was not valid.****Explanation**

A session number greater than the allowed number of sessions was passed to the communication layer during initialization.



**Source**

LANRES

---

**1758E** **Not enough memory to begin thread (RC=return-code).****Explanation**

A EWXCMD START DISK command has encountered an error. Not enough memory was available to start a thread that accepts connections from the host.

**System action**

No additional disk sessions will be started.

**System programmer response**

If more disk sessions are desired, use the NetWare MODULES command to determine what other programs have already been loaded, and unload any that are not currently needed. Otherwise, add additional memory to the server.

**User response**

None.

**Source**

LANRES

---

**1759E** **Unrecognized command to disk command routine.****Explanation**

The disk command routine was not able to recognize the parameter passed by EWXCMD.

**System action**

The EWXCMD command request is discarded. Suspect memory has been overwritten.

**System programmer response**

Determine which NLM is causing the problem.

**User response**

None.

**Source**

LANRES

---

**1760E** **Error in internal read routine (RC=return-code).****Explanation**

A communications error occurred during the internal read routine. The host session may have stopped.

**System action**

The session in which the error occurred ends. The disk driver starts another session that accepts a connection from the host. The host can then reconnect.

**System programmer response**

Determine what is causing the problem and correct it. The host side may have been intentionally stopped or a communications link could have gone down.

**User response**

None.

**Source**

LANRES

---

**1761E** **Error in internal write routine (RC=return-code).**

**Explanation**

A communications error occurred during the internal write routine. The host session may have been stopped.

**System action**

The session in which the error occurred ends. The disk driver starts another session to allow the host to reconnect.

**System programmer response**

Determine what is causing the problem and correct it. The host side may have been intentionally stopped or the communications link could have gone down.

**User response**

None.

**Source**

LANRES

---

**1762E** **Not enough memory to get a buffer (RC=return-code).**

**Explanation**

The buffer request was denied because there is not enough memory.

**System action**

The disks are deleted for this session and become not recognized by the server. The connection to the host is ended and the session becomes available for the next connection from the host.

**System programmer response**

Using the NetWare MODULES command, determine what other programs have already been loaded, and unload any that are not currently needed or add additional memory to the server. After adding more memory, restart the host connection using the LANRES LINK command.





### System programmer response

Verify that the LANRES Disk Driver program is being loaded on a version of NetWare that is supported by LANRES. See the LANRES Licensed Program Specifications for details on the versions supported. If the NetWare version is supported then determine what version of NetWare is running on the NetWare file server that the EWXDISK.DSK program is being loaded on. If it is version 3.xx then copy the EWXDISK3.DSK file as the EWXDISK.DSK file and reissue the LOAD EWXDISK command. If it is version 4.xx then copy the EWXDISK4.DSK file as the EWXDISK.DSK file and reissue the LOAD EWXDISK command.

### User response

None.

### Source

LANRES

---

**1765E** Error on BeginThread call (ERRNO=*errno*).

### Explanation

During the execution of LANRES disk serving, a call was made for the EWXCOMM NLM to begin a thread, via the NetWare BeginThread API, and the API failed with an *errno* as indicated.

### System action

The program continues operation.

### System programmer response

If the *errno* displayed is 5 then this indicates that the NetWare file server does not have enough memory. Using the NetWare MODULES command, determine which programs can be unloaded to free up memory. Otherwise, add more memory to the server.

### User response

None.

### Source

LANRES

---

**5501E** Insufficient memory available for *number\_of\_sessions* sessions.

### Explanation

EWXCOMM detected an error while trying to reserve memory for the *number\_of\_sessions* that were to be initialized. This number was either specified on the load command for EWXCOMM.NLM, in EWXCOMM.INI, or the default of 16.

### System action

The program unloads.

### System programmer response

Determine if all of the identified sessions are necessary, and if possible decrease the number of sessions. Using the NetWare MODULES command, determine what other programs have already been loaded and unload any that are not currently needed. Otherwise, add additional memory to the server.

**User response**

None.

**Source**

LANRES

---

**5503I** **Initializing TCP/IP.**

**Explanation**

EWXCOMM is performing TCP/IP initialization.

**System action**

EWXCOMM creates a socket and binds it to the LANRES well known port number.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**5504E** **Could not initialize TCP/IP (RC=return-code).**

**Explanation**

The TCP/IP initialization failed with the specified return value. Possible return values are:

- 1** Cannot create socket
- 2** Cannot bind socket
- 3** Error occurred starting ListenTCPThread
- 4** Unable to locate a port number.

**System action**

EWXCOMM attempts to initialize the other communications options. If any of the other communications options successfully initialize, then EWXCOMM continues to operate. If no other communications options are successfully initialized, EWXCOMM exits.

**System programmer response**

Examine the console to determine if any errors occurred in starting TCP/IP.

- If TCP/IP is a necessary connectivity, unload EWXCOMM, determine the problem, and correct it based on the return values, and then reload EWXCOMM.
- If the return value was 1, the server is probably running out of buffer space. Message EWXCOM5522E will also be displayed with more information to help determine the problem.







**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**5519E** **No communication drivers loaded or initialized successfully.****Explanation**

EWXCOMM was unable to initialize communications for any of the supported communications types.

**System action**

EWXCOMM unloads.

**System programmer response**

Use the previous error messages to determine what communications types were unsuccessfully initialized and take the necessary corrective action.

**User response**

None.

**Source**

LANRES

---

**5520E** **An error occurred processing arguments (RC=*return-code*).****Explanation**

An error occurred while processing the EWXCOMM command line arguments or the LANRES initialization file (the default name is EWXCOMM.INI).

**System action**

EWXCOMM unloads.

**System programmer response**

Verify the command arguments passed to EWXCOMM are valid and the LANRES initialization file exists and can be found. Examine the LANRES message log or the server console for further information as to which arguments or initialization values were incorrect.

**User response**

None.

**Source**

LANRES

---

5521I

LANRES communications unloading.

### Explanation

EWXCOMM is unloading because of an error.

### System action

EWXCOMM unloads.

### System programmer response

Using the other messages displayed, determine the error and correct the problem. Then reload EWXCOMM.

### User response

None.

### Source

LANRES

---

5522E

TCP/IP socket command failed during initialization (ERRNO=*errno*).

### Explanation

An error was encountered creating the main socket. An *errno* of 55 indicates insufficient buffer space.

### System action

This message may be displayed with message EWXCOM5504E. TCP/IP connections are not initialized, but EWXCOMM tries to initialize the other connectivities. If any of the other connectivities successfully initialize, EWXCOMM continues. Otherwise, EWXCOMM unloads.

### System programmer response

If TCP/IP connectivity is necessary, unload EWXCOMM. Using the NetWare MODULES command, determine which programs can be unloaded to free memory on the server. Otherwise, add additional memory to the server. Then reload EWXCOMM.

### User response

None.

### Source

LANRES

---

5523E

TCP/IP bind on port *portnumber* failed during initialization (ERRNO=*errno*).

### Explanation

The TCP/IP **bind** call failed during initialization with *errno*:

**9**

Socket is already bound to another address

**48**

Specified port is already in use (637 is the LANRES port number).



49

Specified port is not available (637 is the LANRES port number).

### System action

This message may be displayed with message EWXCOM5504E. TCP/IP connections are not initialized, but EWXCOMM tries to initialize the other connectivities. If any of the other connectivities successfully initialize, EWXCOMM continues. Otherwise, EWXCOMM unloads.

### System programmer response

If TCP/IP connectivity is necessary, unload EWXCOMM. Check \ETC\SERVICES to ensure no other application is using the LANRES well known port number, 637. If another application is using the port number, change the port number for LANRES or the other application, and make the corresponding changes on the host.

If LANRES is the only application using the port, then it is possible that TCP/IP has not cleaned up the socket. Wait five minutes and reload EWXCOMM. This will give TCP/IP a chance to clean up the socket. If this still does not work, unload the TCPIP.NLM and then restart TCP/IP.

### User response

None.

### Source

LANRES

---

**5524E** **Error starting TCP thread (ERRNO=errno).**

### Explanation

EWXCOMM could not start a thread, using a **BeginThread** call, because the server does not have enough memory.

### System action

This message may be displayed with message EWXCOM5504E. TCP/IP connections are not initialized, but EWXCOMM tries to initialize the other connectivities. If any of the other connectivities successfully initialize, EWXCOMM continues. Otherwise, EWXCOMM unloads.

### System programmer response

Using the NetWare MODULES command, determine which programs can be unloaded to free up memory. Otherwise, add more memory to the server.

### User response

None.

### Source

LANRES

---

**5525E** **Unable to locate port number.**

### Explanation

The LANRES well known port number was not found in the \ETC\SERVICES file.

### System action

This message may be displayed with message EWXCOM5504E. TCP/IP connections are not initialized, but EWXCOMM tries to initialize the other connectivities. If any of the other connectivities successfully initialize, EWXCOMM continues. Otherwise, EWXCOMM unloads.

### System programmer response

Check the \ETC\SERVICES file on the server for a LANRES entry. If it has not been added, add a line similar to the following:

```
lanserver          637/tcp
```

### User response

None.

### Source

LANRES

---

**5526S** **Error accepting connection (ERRNO=errno).**

### Explanation

The TCP/IP **accept** call failed because memory has been overwritten.

### System action

The thread that listens for TCP/IP connection from the host has stopped. No TCP/IP sessions can be started.

### System programmer response

If TCP/IP is a needed connectivity, unload EWXCOMM and try to restart it.

### User response

None.

### Source

LANRES

---

**5527E** ***function function is not available. Load the desired NLM.***

### Explanation

A host user tried to establish a connection to a LANRES NLM and there is no function of that type waiting for a connection. There are sessions still available to accept more host connections, but the desired LANRES function is not available because either the function is not loaded or all loaded copies are in use by another host user.

### System action

The host connection fails, issuing an error message.

### System programmer response

Load the requested LANRES NLM (EWXADMIN, EWXDIST, EWXDISK, EWXHLPRT, or EWXLHPRT) so the user can attach to it. If the EWXDISK is already loaded, add another session with EWXCMD START DISK 1.

**User response**

None.

**Source**

LANRES

---

**5528E** No sessions were available to start connection for *function* function.

**Explanation**

A host user tried to establish a connection to a LANRES NLM, but there were no sessions available to satisfy the request.

**System action**

The host connection fails, issuing an error message.

**System programmer response**

Free up a session by entering the LANRES DROP command from a host using the specified LANRES function, enter the EWXADMIN TERM command from a user attached to the administration function, or unload EWXADMIN, EWXDIST, EWXDISK, EWXHLPRT, or EWXLHPRT.



**Attention:** By entering the UNLOAD command at the server console, ALL the NLMs by that name will be unloaded.

**User response**

None.

**Source**

LANRES

---

**5529E** Error setting TCP/IP parameters (ERRNO=*errno*).

**Explanation**

The setsockopt API failed.

**System action**

TCP/IP communications does not start.

**System programmer response**

To use TCP/IP communications, unload the LANRES NLMs and then unload TCP/IP and restart it. Then reload the LANRES NLMs.

**User response**

None.

**Source**

LANRES

---

**5530E** Error starting TCP data thread (ERRNO=*errno*).

**Explanation**

During a LANRES LINK, EWXCOMM could not start a thread, using a **BeginThread** call, because the server does not have enough memory.

**System action**

The host and the NLM are notified of the error and the connection stops.

**System programmer response**

Using the NetWare MODULES command, determine which programs can be unloaded to free up memory. Otherwise, add more memory to the server.

**User response**

None.

**Source**

LANRES

---

**5531E** TCP/IP error from a read call (ERRNO=errno).

**Explanation**

An error occurred during the TCP/IP **read** call.

**System action**

EWXCOMM continues to accept more TCP/IP connections.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**5532W** Error queuing buffer for session *session* (RC=return-code).

**Explanation**

An error occurred queuing the buffer.

**System action**

The buffer was not queued. The session is cleaned up and stops.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**5533E** **Host dropped connection during initialization.****Explanation**

The host has stopped the connection.

**System action**

EWXCOMM continues to accept more TCP/IP connections.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**5535E** **Incorrect length sent. Cleaning up session *sessionnumber*.****Explanation**

During a TCP/IP read, the length sent was greater than 4K.

**System action**

The session ends with the host and is cleaned up. The data received is discarded.

**System programmer response**

If the problem persists, contact an IBM service representative.

**User response**

None.

**Source**

LANRES

---

**5536S** **TCP/IP error on read for session *sessionnumber* (ERRNO=*errno*).****Explanation**

An error was returned on a TCP/IP read for session *sessionnumber*.

**System action**

The session is stopped.

**System programmer response**

The connection can be restarted and the data move can be retried. If the problem persists, contact an IBM service representative.

**User response**

None.

**Source**

LANRES

---

**5537W** **EOF received on TCP/IP read for session *sessionnumber*.**

**Explanation**

The socket was closed causing the TCP/IP connection to receive an EOF.

**System action**

The session *sessionnumber* is stopped.

**System programmer response**

The connection may be restarted.

**User response**

None.

**Source**

LANRES

---

**5538E** **Error starting PWSCS thread (ERRNO=*errno*).**

**Explanation**

EWXCOMM could not start the thread, from the **BeginThread** call, because the server does not have enough memory.

**System action**

PWSCS connections are not initialized, but EWXCOMM tries to initialize the other connectivities. If any of the other connectivities successfully initialize, EWXCOMM continues. Otherwise, EWXCOMM unloads.

**System programmer response**

If PWSCS connectivity is needed, unload EWXCOMM. Using the NetWare MODULES command, determine which programs can be unloaded to free up memory. Otherwise, add more memory to the server.

**User response**

None.



---

**5541W** An error occurred while closing session *session* (RC=*return-code*).

**Explanation**

An error occurred when one of the LANRES functions closed a session.

**System action**

EWXCOMM continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**5542E** Error sending data (RC=*return-code*).

**Explanation**

An error occurred sending data to the host with VM PWSCS or NetWare for SAA. The *return-code* is the return code from the CPI-Communications **CMSEND** call. This message could be displayed with either EWXCOM5527 or EWXCOM5528.

**System action**

The host does not get the error, but the conversation is closed as part of routine clean up.

**System programmer response**

Use the return code to determine the problem.

**17**

The host application has ended abnormally. The host has deallocated the conversation. Correct the host problem and restart the host application.

**20**

For PWSCS, use the PWSCS Display Configure Utility to examine the Log to determine the problem. For NetWare for SAA, examine the NetWare for SAA console to determine the problem.

**User response**

None.

**Source**

LANRES

---

**5543E** Error deallocating conversation (RC=*return-code*).

**Explanation**

The CPI-Communications **CMDEAL** call failed.



**System action**

The conversation is not cleaned up.

**System programmer response**

The conversation has already been cleaned up or the conversation cannot be cleaned up. The next time the system is restarted the conversation will be cleaned up.

**User response**

None.

**Source**

LANRES

---

**5544E** Error receiving data (RC=*return-code*).

**Explanation**

An error occurred receiving data from the host while using VM PWSCS or NetWare for SAA. The *return-code* is the return code from the CPI-Communications **CMRCV** call.

**System action**

The error is returned to the LANRES NLM that is using this conversation. The conversation is cleaned up. The LANRES NLM may unload or restart.

**System programmer response**

If the return code is:

**17**

The host application has ended abnormally. Correct the host problem and restart the host application.

**20**

For PWSCS, use the PWSCS Display Configure Utility to examine the Log to determine the problem. For NetWare for SAA, examine the NetWare for SAA console to determine the problem.

**User response**

None.

**Source**

LANRES

---

**5545E** Error accepting conversation (RC=*return-code*).

**Explanation**

An error has occurred on the CPI-Communications **CMACCP** call.

**System action**

EWXCOMM keeps issuing CMACCP, trying to accept a conversation from the host.

### System programmer response

Contact an IBM service representative.

### User response

None.

### Source

LANRES

---

**5546E** Partner abnormally stopped.

### Explanation

The host application has ended abnormally.

### System action

The CPI-Communications **CMRCV** call received a status indicating the host application has abnormally stopped.

### System programmer response

Correct the host error, and restart the host application.

### User response

None.

### Source

LANRES

---

**5548E** Error setting deallocation type (*RC=return-code*).

### Explanation

The CPI-Communications **CMSDT** call has received an error.

### System action

The conversation is not cleaned up.

### System programmer response

The system will still be usable, but the conversation will not be cleaned up until the next time LANRES is restarted. If the problem persists, contact an IBM service representative.

### User response

None.

### Source

LANRES

---

**5549E** Unexpected event: *event*

**Explanation**

The CPI-Communications **XCWOE** call has received an unexpected event.

**System action**

The PWSCS connectivity thread will end.

**System programmer response**

Contact an service representative.

**User response**

None.

**Source**

LANRES

---

**5550E** **Error wait on event failed (RC=return-code).**

**Explanation**

The CPI-Communications **XCWOE** call has failed.

**System action**

The PWSCS connectivity thread stops.

**System programmer response**

Contact an IBM service representative.

**User response**

None.

**Source**

LANRES

---

**5551E** **Error starting NetWare for SAA listen thread (RC=return-code).**

**Explanation**

The **BeginThread** call failed because of lack of storage.

**System action**

NetWare for SAA connections is not initialized, but EWXCOMM tries to initialize the other connectivities. If any of the other connectivities successfully initialize, EWXCOMM continues. Otherwise, EWXCOMM unloads.

**System programmer response**

If NetWare for SAA connectivity is needed, unload EWXCOMM. Using the NetWare MODULES command, determine which programs can be unloaded to free up memory. Otherwise, add more memory to the server.

### User response

None.

### Source

LANRES

---

**5552E** Error declaring NetWare for SAA CPI-Communications resource (RC=*return-code*).

### Explanation

An error occurred declaring EWXCOMM as a resource manager. The *return-code* is the return code from the **CMSLTP** call.

### System action

NetWare for SAA connections are not initialized, but EWXCOMM tries to initialize the other connectivities. If none of the other connectivities successfully initialize, EWXCOMM unloads; otherwise it continues.

### System programmer response

If the *return-code* is 20, examine the NetWare for SAA console for errors.

### User response

Notify your system programmer.

### Source

LANRES

---

**5554E** Error starting NetWare for SAA receive thread (ERRNO=*errno*).

### Explanation

EWXCOMM could not start the thread, using the **BeginThread** call, because the server does not have enough memory.

### System action

The host is notified and the connection is severed. EWXCOMM continues.

### System programmer response

If this NetWare for SAA connection is needed, unload EWXCOMM. Using the NetWare **MODULES** command, determine what other programs have already been loaded and unload any that are not currently needed. If freeing memory does not solve the problem, then add additional memory to the server.

### User response

None.

### Source

LANRES

---

**5555E** Error: incorrect session number.



### System programmer response

If subchannel communication is necessary, use the error messages to determine what the problem is. Verify the EWXCOMM.INI file has the correct even subchannel and corresponding adapter identified on the "subchannel=" line. Check the adapter configuration file (PSCA1.CFG or PSCA2.CFG) to ensure the list of ALL the subchannels used (even and odd) for LANRES are in the file.

### User response

None.

### Source

LANRES

---

**5559E** ReadHandle could not be opened for subchannel *subchannel* on *type* adapter *adapter* (RC=*return-code*).

### Explanation

A read subchannel could not be opened because all the subchannel handles are currently in use. The MMC card has a limit of 128 simultaneous subchannels in use per adapter. The subchannel *subchannel* specified is the even (read) subchannel of the subchannel pair on *type* adapter *adapter*.

### System action

The subchannel pair specified does not accept connections, but this does not effect the other pairs that initialize successfully nor the other connectivities.

### System programmer response

Determine what subchannel pairs on the adapter are not needed and update the EWXCOMM.INI accordingly. Use EWXCMD DELETE to remove subchannels and EWXCMD ADD to add subchannels to be used. If more than 128 subchannels are needed, add another adapter.

### User response

None.

### Source

LANRES

---

**5560E** WriteHandle could not be opened for subchannel *subchannel* on *type* adapter *adapter* (RC=*return-code*).

### Explanation

A write subchannel could not be opened because all the subchannel handles are currently in use. The MMC card has a limit of 128 simultaneous subchannels in use per adapter. The subchannel *subchannel* specified is the odd (write) subchannel of the subchannel pair on *type* adapter *adapter*.

### System action

The subchannel pair specified does not accept connections, but this does not effect the other pairs that initialize successfully nor the other connectivities.

**System programmer response**

Determine what subchannel pairs on the adapter are not needed and update the EWXCOMM.INI accordingly. Use EWXCMD DELETE to remove subchannels and EWXCMD ADD to add subchannels to be used. If more than 128 subchannels are needed, add another adapter.

**User response**

None.

**Source**

LANRES

---

<b>5561E</b>	<b>Error return code from adapter status for subchannel <i>subchannel</i> on <i>type</i> adapter <i>adapter</i> (RC=<i>return-code</i>).</b>
--------------	--

**Explanation**

An error occurred querying the status of the *type* adapter card.

**System action**

The subchannel is closed and made not available for use by LANRES.

**System programmer response**

Try to reopen the subchannel by using the EWXCMD ADD command.

**User response**

None.

**Source**

LANRES

---

<b>5562E</b>	<b>Adapter error opening the subchannel <i>subchannel</i>. Command code=<i>command_code</i> (RC=<i>return-code</i>).</b>
--------------	--

**Explanation**

An adapter error occurred while initializing the subchannel pair *subchannel*. Status was taken from the MMC and returned the command code.

**System action**

The subchannels are closed and the session is stopped.

**System programmer response**

If the error persists, contact an service representative.

**User response**

None.





**System action**

The subchannel pair does not complete initialization. EWXCOMM continues initializing other subchannels and the other communication options. If none successfully initialize, EWXCOMM unloads.

**System programmer response**

Try to reopen the subchannel by using the EWXCMD ADD command.

**User response**

None.

**Source**

LANRES

---

**5566I** Host encountered an error during initialization for subchannel *subchannel* on *type adapter adapter* (RC=*return-code*).

**Explanation**

The host encountered an error and closed the subchannel connection.

**System action**

EWXCOMM will clean up the connection and then prepare to accept another subchannel connection.

**System programmer response**

Restart the host connection using the EWXCONN LINK command.

**User response**

None.

**Source**

LANRES

---

**5567E** Adapter error reading for function (RC=*return-code*).

**Explanation**

An error occurred on the MMC adapter. This message is issued with other messages.

**System action**

The connection for the MMC stops and the subchannels close.

**System programmer response**

To make the subchannels available again, use the EWXCMD ADD command.

**User response**

None.

## Source

LANRES

---

**5568E** Error reading initialization information from host (RC=return-code).

## Explanation

An error occurred reading initialization information from the host on an MMC connection. This message is displayed with message EWXCOM5569I, which will indicate what subchannels had the error.

## System action

The connection for the MMC stops and the subchannels close.

## System programmer response

To make the subchannels available again, use the EWXCMD ADD command.

## User response

None.

## Source

LANRES

---

**5569I** Subchannel pair at *subchannel* on *type adapter adapter* have not been brought on-line.

## Explanation

This message is displayed with message EWXCOM5568E to identify the subchannels in error.

## System action

The connection for the MMC stops and the subchannels close.

## System programmer response

To make the subchannels available again, use the EWXCMD ADD command.

## User response

None.

## Source

LANRES

---

**5571E** Error sending initialization information to host (RC=return-code).

## Explanation

The host has ended the channel connection (either normally or abnormally).

## System action

EWXCOMM restarts the subchannels and accepts another connection.

**System programmer response**

Determine what error occurred on the host and restart the host side using the EWXCONN LINK command.

**User response**

None.

**Source**

LANRES

---

**5572E** **Adapter error sending initialization information (RC=return-code).**

**Explanation**

An error occurred on the MMC adapter while sending initialization information to the host. Other messages explaining the cause of the error in more detail will be displayed with this message.

**System action**

The connection with the host is stopped and the subchannels are closed.

**System programmer response**

Using the other messages, determine what caused the error and correct it. Use the EWXCMD ADD command to reopen the subchannels and restart the host side using the EWXCONN LINK command.

**User response**

None.

**Source**

LANRES

---

**5573E** **Error sending return code to host (RC=return-code).**

**Explanation**

An error occurred sending the initialization information to the host. The return codes are:

**119**

The MMC adapter did not have resources to complete request

**122**

The MMC adapter did not have available buffers to send data

**130**

The MMC adapter did not have available buffers to send a command

**System action**

The EWXCOMM retry count has been exhausted trying to send information to the host. The MMC connection and the subchannels are closed.

**System programmer response**

Use EWXCMD ADD to make the subchannels available.

**User response**

None.

**Source**

LANRES

---

**5574E** Error reading data from host for session number *session* (RC=*return-code*).

**Explanation**

An error occurred reading data using MMC.

**System action**

The session stops. If the *return-code* is 12, the subchannels are closed. Otherwise, the subchannels are reset and made ready to accept a connection from the host.

**System programmer response**

If the *return-code* is 12, then use the EWXCMD ADD command to add the subchannels back on line. Use the EWXCONN LINK command to restart the host.

**User response**

None.

**Source**

LANRES

---

**5575E** Error waiting for data from host (RC=*return-code*).

**Explanation**

EWXCOMM was waiting for data from the host when an MMC adapter error occurred on the connection.

**System action**

Status is taken on the adapter to determine the error. The subchannels are closed and the session is stopped. This message may occur with other messages.

**System programmer response**

Use the other messages to determine the error. After fixing the problem, use EWXCMD ADD to bring the subchannels back on-line.

**User response**

None.

**Source**

LANRES

---

**5576E** Error querying adapter status (RC=*return-code*).

**Explanation**

An error occurred while trying to obtain status from the MMC adapter. This message may occur with other related messages.

**System action**

The subchannels are closed and the session is stopped.

**System programmer response**

Use EWXCMD ADD to add the subchannels.

**User response**

None.

**Source**

LANRES

---

**5577E** **Adapter error occurred on the read. Command code=*command\_code* (RC=*return-code*).**

**Explanation**

Status was taken from the MMC and returned the command code. This message may occur with other related messages.

**System action**

The subchannels are closed and the session is stopped.

**System programmer response**

If the error persists, contact an service IBM representative to report the command code.

**User response**

None.

**Source**

LANRES

---

**5578E** **Adapter error occurred on the write. Command code=*command\_code* (RC=*return-code*).**

**Explanation**

Status was taken from the MMC and returned the command code. This message may occur with other related messages.

**System action**

The subchannels are closed and the session is stopped.

### System programmer response

If the error persists, contact an IBM service representative to report the command code.

### User response

None.

### Source

LANRES

---

**5579S** **SetThreadGroupID failed (RC=return-code).**

### Explanation

The NetWare API SetThreadGroupID failed to set the current thread group ID to EWXCOMM's ID. Memory has been corrupted.

### System action

EWXCOMM continues. The LANRES function may terminate. Unpredictable results could occur.

### System programmer response

DOWN the server and restart it. If the problem persists, contact an IBM service representative with the return code.

### User response

None.

### Source

LANRES

---

**5580E** **Adapter error sending EOF to host (RC=return-code).**

### Explanation

EWXCOMM was restarting the connection to the host by sending an EOF on the subchannel, but an error occurred.

### System action

The connection does not restart. Status is taken on the MMC, and the subchannels are closed.

### System programmer response

Determine the error from the other messages and correct it. Use EWXCMD ADD to restart the subchannels after the problem has been corrected.

### User response

None.

### Source

LANRES

---

**5581E** Error restarting channel thread on subchannel *subchannel* for type adapter *adapter* (RC=*return-code*).

**Explanation**

EWXCOMM could not restart the connection because of a channel error.

**System action**

EWXCOMM made an attempt to communicate to the host, but failed. The connection stops and the subchannels are closed.

**System programmer response**

Use EWXCMD ADD to restart the subchannels.

**User response**

None.

**Source**

LANRES

---

**5582E** Open received bad status (RC=*return-code*).

**Explanation**

A LANRES function (EWXADMIN, EWXDISK, EWXDIST, EWXHLPRT, or EWXLHPRT) tried to start a connection with the host, but failed. This message may occur with other error messages.

**System action**

No connection is made to the host and the session is cleaned up. The LANRES functions try to restart the connection.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**5583W** Bad status was returned to read for session *session*, status=*status*.

**Explanation**

This could be caused by one of the LANRES functions dropping the connection from the host by issuing a EWXCONN DROP or EWXCONN LINK command. If an error occurred, other error messages will be displayed.

**System action**

The connection to the host is broken and the session is cleaned up.

### System programmer response

If an error did occur, examine the LANRES message log for other errors to determine what happened.

### User response

None.

### Source

LANRES

---

**5584W** Host ended session *session* with *connection*.

### Explanation

The host stopped the session with EWXCOMM.

### System action

The connection is broken and the session is cleaned up. The LANRES function using this session tries to accept another connection.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**5586S** An error occurred on TCP/IP write for session *session* (RC=*return-code*).

### Explanation

A TCP/IP write error occurred. Suspect memory corruption.

### System action

The connection is stopped and the session is cleaned up.

### System programmer response

Contact an IBM service representative.

### User response

None.

### Source

LANRES

---

**5587E** Error on adapter sending data on subchannel *subchannel* on type adapter *adapter* (RC=*return-code*).



**Explanation**

Channel adapter encountered an error.

**System action**

Status is taken from the channel adapter. Other related messages are displayed.

**System programmer response**

Determine the cause of the problem from the other messages.

**User response**

None.

**Source**

LANRES

---

**5588E** **An error occurred on channel write for session *session* (RC=*return-code*).**

**Explanation**

An error occurred sending the data to the host. The return codes are:

**119**

The MMC adapter did not have resources to complete request

**122**

The MMC adapter did not have available buffers to send data

**130**

The MMC adapter did not have available buffers to send a command

**System action**

The EWXCOMM retry count has been exhausted trying to send the information to the host. The MMC connection and the subchannels are closed.

**System programmer response**

Use EWXCMD ADD to make the subchannels available.

**User response**

None.

**Source**

LANRES

---

**5589E** **An error occurred on NetWare for SAA write for session *session* (RC=*return-code*).**

**Explanation**

The CPI-Communications **CMSEND** call failed.

### System action

The connection to the host is cleaned up.

### System programmer response

Use the return code to determine the problem.

#### 17

The host application has ended abnormally. The host has deallocated the conversation. Correct the host problem and restart the host application.

#### 20

Examine the NetWare for SAA console to determine the problem.

### User response

None.

### Source

LANRES

---

**5590E** An error occurred on PWSCS write for session *session* (RC=*return-code*).

### Explanation

The CPI-Communications **CMSEND** call failed.

### System action

The connection to the host is cleaned up.

### System programmer response

Use the return code to determine the problem.

#### 17

The host application has ended abnormally. The host has deallocated the conversation. Correct the host problem and restart the host application.

#### 20

Use the VM PWSCS Display Configure Utility to examine the Log to determine the problem.

### User response

None.

### Source

LANRES

---

**5592W** Channel pair for subchannel *subchannel* on type adapter *adapter* not found when closing (RC=*return-code*).

### Explanation

While closing a session, the subchannel was not found in the control block structure.

### System action

The NLM continues to clean up the session.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**5595W** **Incorrect address for FreeBuf.****Explanation**

FreeBuf was told to deallocate a buffer with a 0 address.

**System action**

The request is denied.

**System programmer response**

If this continues and the NetWare server runs out of memory, contact an IBM service representative.

**User response**

None.

**Source**

LANRES

---

**5597E** **Error closing listening socket (RC=return-code).****Explanation**

When unloading EWXCOMM, an error occurred closing the TCP/IP socket that accepts incoming connections from the host during unload time.

**System action**

EWXCOMM unloads.

**System programmer response**

If trouble occurs loading EWXCOMM, unload TCPIP NLM and restart TCP/IP.

**User response**

None.

**Source**

LANRES

---

**5598E** **Error starting channel thread on subchannel *subchannel* for type adapter *adapter*. Thread not started (RC=return-code).**

**Explanation**

A command, like EWXCMD ADD, encountered an error starting a channel thread to accept connections on the subchannel because there was not enough memory.

**System action**

EWXCMD continues and unloads when finished.

**System programmer response**

Using the NetWare MODULES command, determine what other programs have already been loaded and unload any that are not currently needed. Or, add additional memory to the server.

**User response**

None.

**Source**

LANRES

---

**5599E** Subchannel *subchannel* on *type* adapter *adapter* is not active.

**Explanation**

This may occur after entering the EWXCMD DELETE command. The subchannel being deleted is not being used by LANRES.

**System action**

The subchannel is not deleted.

**System programmer response**

Verify the correct subchannel was specified.

**User response**

None.

**Source**

LANRES

---

**5600E** Unable to open message repository *<name>* (RC=*return-code*).

**Explanation**

EWXCOMM was unable to open the indicated message repository.

**System action**

EWXCOMM unloads.

**System programmer response**

Verify the identified message repository is in the LANRES installation directory. If the repository is not there, copy the repository from the EWXNLM directory of the LANRES installation diskette. If the repository is in the

LANRES installation directory, examine the console for other messages that may suggest why the message repository did not open.

**User response**

None.

**Source**

LANRES

---

**5601E** **Duplicate subchannel *subchannel* specified.****Explanation**

The same subchannel address was specified more than once on the command line.

**System action**

The program is unloaded from the NetWare server.

**System programmer response**

Load the program using the correct syntax.

**User response**

None.

**Source**

LANRES

---

**5602E** **Odd subchannel *subchannel* specified.****Explanation**

The subchannel address specified on the command line must be a two digit hexadecimal number that corresponds to the even subchannel address of a read/write address pair.

**System action**

The program is unloaded from the NetWare server.

**System programmer response**

Load the program using the correct syntax.

**User response**

None.

**Source**

LANRES

---

**5603E** **Incorrect adapter number *number* specified.**





**Explanation**

Lines in the initialization file must follow a specific format.

**System action**

The line in error is bypassed.

**System programmer response**

Correct the initialization file *filename*.

**User response**

None.

**Source**

LANRES

---

**5609W** Duplicate keyword *keyword* in line *number* of initialization file *filename*.  
Previous value is replaced.

**Explanation**

A duplicate keyword is found in the initialization file. Values from keywords lower in the file will replace values from keywords higher in the file.

**System action**

The previous keyword value is replaced.

**System programmer response**

Correct the initialization file *filename* by deleting one of the duplicate keywords.

**User response**

None.

**Source**

LANRES

---

**5610W** Incorrect keyword *keyword* in line *number* of initialization file *filename*.  
Line will not be used.

**Explanation**

A keyword in the initialization file is not recognized.

**System action**

The line in error is bypassed.

**System programmer response**

Correct the initialization file *filename*.



**User response**

None.

**Source**

LANRES

---

**5611W** Keyword *keyword* in line *number* of initialization file *filename* has an incorrect value. Line will not be used.

**Explanation**

A value was assigned to the keyword listed in the message, but it is not an acceptable value for the keyword.

**System action**

The line in error is bypassed.

**System programmer response**

Correct the initialization file *filename*.

**User response**

None.

**Source**

LANRES

---

**5612W** Value missing for keyword *keyword* in line *number* of initialization file *filename*. Line will not be used.

**Explanation**

The specified keyword in the initialization file requires a value be associated with it.

**System action**

The line in error is bypassed.

**System programmer response**

Correct the initialization file *filename*.

**User response**

None.

**Source**

LANRES

---

**5613W** One or more incorrect subchannel addresses were found in line *number* of initialization file *filename*. The incorrect subchannel addresses were not used.



**System programmer response**

Try to delete the specified file from a NetWare client or with the LANRES data distribution function.

**User response**

None.

**Source**

LANRES

---

**5619W** Reason for failure: *error*.**Explanation**

This message is displayed with other messages to explain a failure.

**System action**

Processing continues.

**System programmer response**

Use this message to determine the cause of the error listed in the other error message.

**User response**

None.

**Source**

LANRES

---

**5620W** Out of space on volume to archive current log file *filename*.**Explanation**

The current log file cannot be archived because there is no space to create the archive log file.

**System action**

Processing continues.

**System programmer response**

Free up space on the volume by deleting old files, or add more space to the volume.

**User response**

None.

**Source**

LANRES

---

**5621W** Unable to open current log file *filename*.

**Explanation**

An attempt to archive the current log file or record messages to it failed because the file cannot be opened. The file may be opened or locked by another process.

**System action**

Processing continues.

**System programmer response**

Unload and reload the communications driver if necessary.

**User response**

None.

**Source**

LANRES

---

**5622W** Unable to open archived log file *filename*.

**Explanation**

An attempt to archive the current log file failed because the archived log file listed in the message cannot be opened. The file may be opened or locked by another process.

**System action**

Processing continues.

**System programmer response**

Unload and reload the communications driver if necessary.

**User response**

None.

**Source**

LANRES

---

**5623W** Unable to archive current log file *filename*.

**Explanation**

An attempt to append the current log file to the appropriate archived log file failed.

**System action**

Processing continues.

**System programmer response**

Unload and reload the communications driver if necessary. Delete or archive the current log file with a NetWare client or with the LANRES Distribution function.

**User response**

None.

**Source**

LANRES

---

**5624W** Unable to open log directory *directory*.**Explanation**

Archived log files cannot be deleted because the attempt to open the log directory *directory* failed.

**System action**

Processing continues.

**System programmer response**

Unload and reload the communications driver if necessary. Delete the archived log files with a NetWare client or with the LANRES Distribution function.

**User response**

None.

**Source**

LANRES

---

**5625W** Unable to close log directory *directory*.**Explanation**

An attempt to close the log directory *directory* failed.

**System action**

Processing continues.

**System programmer response**

Unload and reload the communications driver.

**User response**

None.

**Source**

LANRES

---

**5626I** Log file started on server *server*.**Explanation**

This message is recorded in the current log file to indicate which server the log file is from.

## EWX Server Messages

### System action

Processing continues.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**5811I** *{Add/Delete} available for subchannel *subchannel*. Waiting for *function*.*

### Explanation

The requested connection is available, and waiting for the associated function NLM to load.

### System action

None.

### System programmer response

None.

### User response

Load the required NLM.

### Source

LANRES

---

**6252E** **Incorrect parameter specified.**

### Explanation

An incorrect parameter was specified when loading EWXLSA.

### System action

EWXLSA unloads.

### System programmer response

Verify the load command is specified correctly.

### User response

None.

### Source

LANRES

---

**6253E Invalid subchannel specified.****Explanation**

The subchannel on the LOAD EWXLSA command was not valid.

**System action**

EWXLSA unloads.

**System programmer response**

Verify the correct subchannel was specified. The subchannel is the last two digits of the host subchannel. For example, if on the host the subchannel is known as 25A, specify 5A as the subchannel. The subchannel must also be in the channel adapter's configuration file (for example, PSCA1.CFG, PSCA2.CFG, or NSCA1.CFG).

**User response**

None.

**Source**

LANRES

---

**6254E Subchannel number missing from load statement.****Explanation**

No subchannel number was specified on the LOAD EWXLSA command.

**System action**

EWXLSA unloads.

**System programmer response**

Specify the "Subchannel=*subchannel*" parameter on the LOAD EWXLSA command, where *subchannel* is the subchannel number.

**User response**

None.

**Source**

LANRES

---

**6255E Adapter type missing from load statement.****Explanation**

The channel adapter type was not specified on the LOAD EWXLSA command and is needed.

**System action**

EWXLSA unloads.







### User response

None.

### Source

LANRES

---

**6261E** Subchannel assign failed (RC=*return-code*).

### Explanation

EWXLSA could not assign the subchannel.

### System action

EWXLSA unloads.

### System programmer response

Verify the subchannel is not being used by another application. If the subchannel is free, unload and reload the channel adapter driver. If this does not work DOWN, then restart the server. Then restart the channel adapter. If the problem persists, contact an IBM service representative and report the return code, *return-code*.

### User response

None.

### Source

LANRES

---

**6262E** Not enough resources available to allocate buffer.

### Explanation

EWXLSA tried to allocate a buffer, but there was not enough resources.

### System action

EWXLSA unloads.

### System programmer response

The NetWare server may be running out of memory. Unload unnecessary NLMs or add more memory to the server.

### User response

None.

### Source

LANRES

---

**6263E** Error receiving *command* command on the channel (RC=*return-code*).

### Explanation

EWXLSA did not receive the expected command *command* from VTAM,



## Source

LANRES

---

**6266W** Error reading data from channel (RC=*return-code*).

## Explanation

An error occurred reading data from the host.

## System action

EWXLSA will continue.

## System programmer response

If the error persists, contact an IBM service representative and report the return code, *return-code*.

## User response

None.

## Source

LANRES

---

**6267W** Error reading primitives from channel.

## Explanation

This message is displayed with message 6266. An error occurred while reading for primitives sent from the host.

## System action

EWXLSA will continue.

## System programmer response

If the error persists, contact an IBM service representative and report the return code, *return-code*.

## User response

None.

## Source

LANRES

---

**6268W** Unknown primitive received from channel, 0*xprimitive*.

## Explanation

EWXLSA could not determine what the primitive was from VTAM. The primitive is skipped and processing continues.

## System action

EWXLSA continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**6269W** VTAM sent a stop system.**Explanation**

VTAM has been stopped or restarted and is informing EWXLSA. EWXLSA will restart and be ready when VTAM starts.

**System action**

EWXLSA continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**6270W** Error writing data to channel (RC=*return-code*).**Explanation**

EWXLSA tried to send data to the host, but failed. The primitive is skipped and processing continues.

**System action**

EWXLSA continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**6271W** Error querying adapter status (RC=*return-code*).

**Explanation**

EWXLSA could not determine what the primitive was from VTAM. The primitive is skipped and processing continues.

**System action**

EWXLSA continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**6272W** Adapter error occurred on the write (Command code=*command*: RC=*return-code*).

**Explanation**

An adapter error occurred while sending data to the host.

**System action**

EWXLSA continues.

**System programmer response**

If the problems persists and diagnostics do not detect an error, contact an IBM service representative to report the failing *command* and *return-code*.

**User response**

None.

**Source**

LANRES

---

**6273W** Unknown VTAM request command=*0xcmd*.

**Explanation**

VTAM sent an unrecognized request.

**System action**

The command, *cmd* is not processed. EWXLSA continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**6274W** Unknown VTAM response command=0xcmd.**Explanation**

VTAM sent an unrecognized response.

**System action**

The response command, *cmd*, is not processed. EWXLSA continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**6275W** Unknown VTAM primitive: 0xcmd.**Explanation**

VTAM sent an unrecognized primitive.

**System action**

The command, *cmd*, is not processed. EWXLSA continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**6276W** Subchannel Reset received.**Explanation**

EWXLSA received a subchannel reset indicating VTAM was restarted.

## EWX Server Messages

### System action

EWXLSA resets; waiting for another connection from VTAM.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**6277I** VTAM header mode not reset (RC=return-code).

### Explanation

The call to the adapter to reset the VTAM header mode failed.

### System action

EWXLSA continues to close the channel.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**6278W** Invalid length received for command *Oxcommand*.

### Explanation

The command, *command*, received a negative length from VTAM.

### System action

EWXLSA continues.

### System programmer response

If the problem persists, contact an IBM service representative.

### User response

None.

### Source

LANRES



---

**6279W****Wrong state for command *Oxcommand*; state = *state*.****Explanation**

The state does not support execution of the command, *command*.

**System action**

EWXLSA continues.

**System programmer response**

If the problem persists, contact an IBM service representative.

**User response**

None.

**Source**

LANRES

---

**6280E****LSL registration failed (RC=*return-code*).****Explanation**

EWXLSA was unable to register with the LSL.

**System action**

EWXLSA will unload.

**System programmer response**

The Return Codes are:

**-2**

EWXLSA was unable to allocate a resource tag. DOWN the server and try again.

**-3**

EWXLSA was unable to allocate memory. DOWN the server and try again.

**-119**

The NetWare Server has run out of resources. DOWN the server and try again.

**-125**

Another program has previously registered the name EWXLSA is attempting to register.

**-126**

A system error has occurred. Contact an IBM service representative.

If the problem persists, contact an IBM service representative.

**User response**

None.

**Source**

LANRES

---

**6281E****Error on BeginThread call (ERRNO=*errno*).**

### Explanation

EWXLSA attempt to begin a thread, via the NetWare BeginThread API, and the API failed with an errno as indicated.

### System action

EWXLSA will unload.

### System programmer response

An *errno* of 5 indicates that the NetWare file server does not have enough memory. Using the NetWare MODULES command, determine which programs can be unloaded to free up memory. Otherwise, add more memory to the server.

### User response

None.

### Source

LANRES

---

**6282W**

**CSUNLOAD has not been done on service profile.**

### Explanation

An attempt was made to unload the EWXLSA.NLM before unloading the corresponding service profile. This message is also issued with the NetWare message "Unload module anyway?" and a prompt.

### System action

EWXLSA waits for the prompt response. A "y" response may cause the server to go down or hang. A "n" response should keep EWXLSA loaded. Follow the instructions in the System Programmer's Response.

### System programmer response

Answer the prompt with an "n". Then unload the following in this order:

1. Any applications using EWXLSA.NLM (including LANRES NLMs) for its communications
2. CPIC\_SAA
3. The corresponding service profile using CSUNLOAD
4. EWXLSA

### User response

none.

### Source

LANRES

---

**7901E**

**No command specified.**

### Explanation

EWXCMD was started with a blank command line.

**System action**

The program unloads.

**System programmer response**

Enter a valid command on the EWXCMD command line.

**User response**

None.

**Source**

LANRES

---

**7902E** **No drop type specified.**

**Explanation**

EWXCMD was started without a drop type on the command line.

**System action**

The program unloads.

**System programmer response**

Enter a valid drop type on the EWXCMD command line.

**User response**

None.

**Source**

LANRES

---

**7903E** **No query type specified.**

**Explanation**

EWXCMD was started without a query type on the command line.

**System action**

The program unloads.

**System programmer response**

Enter a valid query type on the EWXCMD command line.

**User response**

None.

**Source**

LANRES

---

**7904E** **No start type specified.**

**Explanation**

EWXCMD was started without a start type on the command line.

**System action**

The program unloads.

**System programmer response**

Enter a valid start type on the EWXCMD command line.

**User response**

None.

**Source**

LANRES

---

**7905E** **No subchannel specified.**

**Explanation**

A subchannel was not specified on the command line.

**System action**

The program unloads.

**System programmer response**

Enter the command again specifying the subchannel.

**User response**

None.

**Source**

LANRES

---

**7906E** **Time must be between 1 and 3600 seconds.**

**Explanation**

The optional time parameter must be between 1 and 3600 second.

**System action**

The program unloads.

**System programmer response**

Enter the command again specifying a valid time parameter.

**User response**

None.

**Source**

LANRES

---

**7907E** **DROP DISK for subchannel *subchannel* on type adapter *adapter* failed (RC=*return-code*).**

**Explanation**

EWXCMD received an error while trying to drop the requested subchannel.

**System action**

The program unloads.

**System programmer response**

Determine why the DROP command failed and take any necessary action.

**User response**

None.

**Source**

LANRES

---

**7908I** **DROP DISK was successful.**

**Explanation**

EWXCMD successfully dropped the requested subchannel.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7909I** **Channel device driver is not loaded.**

**Explanation**

EWXCMD was unable to add or delete a subchannel because no channel device driver was loaded.

**System action**

The program unloads.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7910E** **Incorrect command *command*.**

**Explanation**

EWXCMD detected a command on the command line that was not valid.

**System action**

The program unloads.

**System programmer response**

Enter a valid command.

**User response**

None.

**Source**

LANRES

---

**7911E** **Incorrect drop type *type*.**

**Explanation**

EWXCMD detected a drop type on the command line that was not valid.

**System action**

The program unloads.

**System programmer response**

Reenter the command with a valid drop type.

**User response**

None.

**Source**

LANRES

---

**7912E****Incorrect option on DROP Disk: *options*.****Explanation**

EWXCMD detected an option on the command line that was not valid.

**System action**

The program unloads.

**System programmer response**

Enter the command with valid options.

**User response**

None.

**Source**

LANRES

---

**7913E****Incorrect option on Query Connections: *options*.****Explanation**

EWXCMD detected an option on the command line that was not valid.

**System action**

The program unloads.

**System programmer response**

Enter the command with valid options.

**User response**

None.

**Source**

LANRES

---

**7914E****Incorrect option on Query Mmcstatus: *options*.****Explanation**

EWXCMD detected an option on the command line that was not valid.

**System action**

The program unloads.

**System programmer response**

Enter the command with valid options.

**User response**

None.

**Source**

LANRES

---

**7915E** **Incorrect query type *type*.**

**Explanation**

EWXCMD detected a query type on the command line that was not valid.

**System action**

The program unloads.

**System programmer response**

Enter the command with a valid query type.

**User response**

None.

**Source**

LANRES

---

**7916E** **Incorrect start type *type*.**

**Explanation**

EWXCMD detected a start type on the command line that was not valid.

**System action**

The program unloads.

**System programmer response**

Enter the command with a valid start type.

**User response**

None.

**Source**

LANRES

---

**7917E** **Incorrect subchannel *subchannel*, subchannel must be even.**

**Explanation**

EWXCMD detected an odd subchannel on the command line.



**System action**

The program unloads.

**System programmer response**

Enter the command specifying an even subchannel.

**User response**

None.

**Source**

LANRES

---

**7918E** **EWXDISK is not loaded.**

**Explanation**

The Start and Drop commands are only valid if the LANRES disk driver is loaded.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7919I** ***device\_name Version version.modification.***

**Explanation**

EWXCMD displays the requested device driver's version.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

7920E

Missing adapter number for subchannel *subchannel*.

**Explanation**

A comma was specified on the command line indicating an adapter number would be supplied, but the adapter number was not specified.

**System action**

The program unloads.

**System programmer response**

Enter the command either removing the comma or specifying a valid adapter number.

**User response**

None.

**Source**

LANRES

---

7921E

*device\_name* device driver is not loaded.

**Explanation**

EWXCMD was unable to display the device driver version because the requested device driver is not loaded.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

7922E

Start for *count* sessions failed (RC=*return-code*).

**Explanation**

EWXCMD received an error while trying to start the requested sessions.

**System action**

The program unloads.

**System programmer response**

Determine why the failure occurred and correct the problem.

**User response**

None.

**Source**

LANRES

---

**7923I** Start for *count* sessions was successful.**Explanation**

EWXCMD successfully started the requested sessions.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7924E** Unexpected character <*character*> at non-blank *position*.**Explanation**

EWXCMD found an unexpected character while parsing a subchannel list.

**System action**

The program unloads.

**System programmer response**

Enter the command with a valid subchannel list.

**User response**

None.

**Source**

LANRES

---

**7925E** Invalid adapter specified.**Explanation**

An Invalid adapter was specified on the command.

**System action**

The program unloads.

**System programmer response**

Reenter the command with a valid adapter number.

**User response**

None.

**Source**

LANRES

---

**7926E** Please specify the device driver type.

**Explanation**

The program was unable to determine which device driver to add the subchannels on.

**System action**

The program unloads.

**System programmer response**

Reenter the command with a device driver.

**User response**

None.

**Source**

LANRES

---

**7927I** *{Add/Delete} successful for subchannel subchannel on type adapter adapter.*

**Explanation**

The requested add or delete function completed successfully.

**System action**

None.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7928I** LANRES service level is *service\_level*.**Explanation**

Informational message displayed when the service level is queried. This is the service level currently running on the NetWare server.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7929I** LANRES service level *service\_level* will be applied.**Explanation**

Informational message displayed when the service level is queried. This is the service level that will be applied to the NetWare server the next time LANRES starts.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7930E** No clear type specified.**Explanation**

The Logfile to be cleared has not been specified.

**System action**

Processing continues.

### System programmer response

None.

### User response

Enter the command with the a valid clear option.

### Source

LANRES

---

**7931E** **Incorrect clear type *clear-type*.**

### Explanation

The clear type was not valid.

### System action

Processing continues.

### System programmer response

None.

### User response

Enter the command with a valid clear type.

### Source

LANRES

---

**7932E** **Not enough resources available to allocate buffer.**

### Explanation

EWXCMD tried to allocate a buffer, but there wasn't enough resources.

### System action

EWXCMD command status is not processed.

### System programmer response

Using the NetWare MODULES command, determine what other programs have already been loaded, and unload any that are not currently needed. Otherwise, add additional memory to the server.

### User response

None.

### Source

LANRES

---

**7950I** **Service level *service\_level* was successfully received.**

**Explanation**

EWXSRVC has successfully received a new service level from an attached host.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7951E** **Error receiving service level.**

**Explanation**

An error occurred while receiving service. See preceding messages to determine exact cause of error.

**System action**

The program unloads.

**System programmer response**

Review preceding error messages to determine the cause of failure.

**User response**

None.

**Source**

LANRES

---

**7952I** **Canceling service level *service\_level*.**

**Explanation**

A host attempted to send an older service level to the NetWare server.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.





**System programmer response**

Use the *errno* to determine why writing to the file failed.

**User response**

None.

**Source**

LANRES

---

**7956E** **CRC error.****Explanation**

A CRC (cyclic redundancy check) error occurred while transferring data.

**System action**

The data transfer stops.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7957E** **Error removing file *filename* (ERRNO=*errno*).****Explanation**

An error occurred while removing the file.

**System action**

Processing continues.

**System programmer response**

Use the *errno* to determine why removing the file failed.

**User response**

None.

**Source**

LANRES

---

**7958E** **Error renaming file *filename1* to *filename2* (ERRNO=*errno*).**

**Explanation**

An error occurred while renaming the file.

**System action**

Processing continues.

**System programmer response**

Use the *errno* to determine why renaming the file failed.

**User response**

None.

**Source**

LANRES

---

**7975E** **EWXSTART cannot be loaded while LANRES is active.**

**Explanation**

LANRES cannot be restarted while LANRES NLMs are loaded.

**System action**

The program unloads.

**System programmer response**

None.

**User response**

Stop all LANRES NLMs before restarting.

**Source**

LANRES

---

**7976E** **Error opening file *filename* (ERRNO=*errno*).**

**Explanation**

An error occurred while opening the file.

**System action**

Processing continues.

**System programmer response**

Use the *errno* to determine why opening the file failed.

**User response**

None.

**Source**

LANRES

---

**7977E** Unknown error in ProcessBundle (RC=*return-code*).**Explanation**

An unexpected error occurred with unpacking the LANRES service.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**7978E** Error opening file *filename*.**Explanation**

An error occurred will opening a file contained in the service bundle.

**System action**

Processing continues.

**System programmer response**

Determine why an error occurred while opening the file.

**User response**

None.

**Source**

LANRES

---

**7979E** Invalid header format in file *filename*.**Explanation**

An invalid header was found in the service bundle.

**System action**

Processing continues.

### System programmer response

Remove the service bundle from the NetWare server. If the problem reoccurs, disable service distribution on the host with the incorrect service bundle.

### User response

None.

### Source

LANRES

---

**7980I** Unpacking file *filename* from bundle *bundlename*.

### Explanation

File *filename* was successfully extracted.

### System action

Processing continues.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**7981E** CRC error unpacking file *filename* from bundle *bundlename*.

### Explanation

A CRC (cyclic redundancy check) occurred while unpacking the file *filename*.

### System action

Processing continues.

### System programmer response

Remove the service bundle from the NetWare server. If the problem reoccurs, disable service distribution on the host with the incorrect service bundle.

### User response

None.

### Source

LANRES

---

**7982E** Error opening output file *filename*

**Explanation**

An error occurred opening file *filename* while unpacking the service bundle.

**System action**

Processing continues.

**System programmer response**

Determine why an error occurred while opening the file.

**User response**

None.

**Source**

LANRES

---

**7983E** Error reading header from bundle *bundle\_name* (RC=*return-code*).**Explanation**

An error occurred while reading the header information from the service bundle.

**System action**

Processing continues.

**System programmer response**

Load EWXSTART again. If the problem persists, remove the service bundle from the NetWare server and the host.

**User response**

None.

**Source**

LANRES

---

**7984E** Error reading from bundle *bundle\_name* (RC=*return-code*).**Explanation**

An error occurred while reading data from the service bundle.

**System action**

Processing continues.

**System programmer response**

Loading EWXSTART again. If the problem persists, remove the service bundle from the NetWare server and the host.

**User response**

None.

**Source**

LANRES

---

**7985E** Error writing file *filename* (RC=*return-code*).

**Explanation**

An error occurred while writing to a file extracted from the service bundle.

**System action**

Processing continues.

**System programmer response**

Determine the cause of the write error and start EWXSTART again.

**User response**

None.

**Source**

LANRES

---

**7986E** Error initializing expansion routine.

**Explanation**

An error occurred while initializing the service unpacking routines.

**System action**

Processing continues.

**System programmer response**

If the server is indicating a memory shortage, unload any unused NLMs or add more memory to the server. Restart EWXSTART.

**User response**

None.

**Source**

LANRES

---

**7987E** Unable to set time for file *filename* (ERRNO=*errno*).

**Explanation**

An error occurred when changing the time stamp for the file.







**System programmer response**

Verify the correct NetWare server is being used.

**User response**

None.

**Source**

LANRES

---

**8003E** Required parameter, PASSWORD or NEWPASSWORD, not specified.

**Explanation**

The PASSWORD or NEWPASSWORD parameter must be specified. If neither one of these parameters is specified, then both passwords will default to null passwords which would be the same. NetWare requires the new password be different from the current password.

**System action**

Execution of the command is stopped.

**System programmer response**

Load the program using the correct syntax.

**User response**

None.

**Source**

LANRES

---

**8004E** Cannot login to LANRES object on server *servername*. Unknown server or LANRES object does not exist.

**Explanation**

The *servername* server cannot be found or the LANRES object does not exist in that server's bindery.

**System action**

Execution of the command is stopped.

**System programmer response**

Verify the correct server is being used.

**User response**

None.

**Source**

LANRES

---

**8005E** Cannot login to LANRES object on server *servername*. Access denied.



**User response**

None.

**Source**

LANRES

---

**8008I** **LANRES object has been deleted.****Explanation**

The LANRES object has been deleted from the NetWare server's bindery.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**8009I** **Password for LANRES object on server *server* has been changed.****Explanation**

The password for the LANRES object in server *server* has been changed.

**System action**

Processing continues.

**System programmer response**

None.

**User response**

None.

**Source**

LANRES

---

**8010I** **LANRES object has been made a user of print queue *queue*.****Explanation**

The LANRES object has been made a user of the print queue.

## EWX Server Messages

### System action

Processing continues.

### System programmer response

None.

### User response

None.

### Source

LANRES

---

**8011E** Print queue *queue* does not exist.

### Explanation

The Queue does not exist.

### System action

Processing continues.

### System programmer response

None.

### User response

Enter the command with the correct Queue name.

### Source

LANRES

---

## Chapter 6. FEW messages

---

<b>FEW0002E</b>	<b>GPMP CONFIGURATION ERROR: THE WORKING DIRECTORY IS NOT VALID: workingDIRECTORY</b>
-----------------	---

### Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The specified working directory is not valid.

### System action

GPMP stops.

### Operator response

None.

### System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

### Source

GPMP

---

<b>FEW0003E</b>	<b>GPMP CONFIGURATION ERROR: ILLEGAL DIAGNOSTIC SUBDIRECTORY: subdirectory</b>
-----------------	--

### Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The specified diagnostic directory is not valid.

### System action

GPMP stops.

### Operator response

None.

### System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

### Source

GPMP

---

<b>FEW0004E</b>	<b>GPMP CONFIGURATION ERROR: UNABLE TO CREATE THE DIAGNOSTIC SUBDIRECTORY: subdirectory</b>
-----------------	---

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The specified diagnostic subdirectory could not be created.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0005E</b>	<b>GPMP CONFIGURATION ERROR: ILLEGAL INTERFACES SUBDIRECTORY: subdirectory</b>
-----------------	--

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The specified interfaces subdirectory is illegal.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0006E</b>	<b>GPMP CONFIGURATION ERROR: UNABLE TO CREATE THE INTERFACES SUBDIRECTORY: subdirectory</b>
-----------------	---

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The specified interfaces subdirectory could not be created.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0007E</b>	<b>GPMP CONFIGURATION ERROR: ILLEGAL DATA SUBDIRECTORY: subdirectory</b>
-----------------	--

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The specified data subdirectory is illegal.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0008E</b>	<b>GPMP CONFIGURATION ERROR: UNABLE TO CREATE THE DATA SUBDIRECTORY: subdirectory</b>
-----------------	---

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The specified data subdirectory could not be created.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

FEW0009E

**GPMP CONFIGURATION ERROR: THE START PARAMETER IS NOT VALID.**

### **Explanation**

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The specified start parameter is not valid.

### **System action**

GPMP stops.

### **Operator response**

None.

### **System programmer response**

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

### **Source**

GPMP

---

FEW0010E

**GPMP CONFIGURATION ERROR: CONTAINS INVALID START PARAMETER: *parm***

### **Explanation**

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. An invalid start parameter was specified.

In the message text:

***parm***

The parameter that is not valid.

### **System action**

GPMP stops.

### **Operator response**

None.

### **System programmer response**

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

### **Source**

GPMP

---

FEW0011E

**GPMP CONFIGURATION ERROR: CONTAINS INVALID START PARAMETER VALUE: *parm.***

### **Explanation**

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. An invalid start parameter value was specified.



In the message text:

***parm***

The parameter that is not valid.

**System action**

GPMP stops.

**Operator response**

None.

**System programmer response**

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

**Source**

GPMP

---

**FEW0012E**

**GPMP CONFIGURATION ERROR: REQUIRED PARAMETER(S) IS NOT DEFINED.**

**Explanation**

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. A required parameter is not defined.

**System action**

GPMP stops.

**Operator response**

None.

**System programmer response**

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

**Source**

GPMP

---

**FEW0013E**

**GPMP CONFIGURATION ERROR: CONFLICTS WITHIN PROPERTY SETTINGS.**

**Explanation**

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. Conflicts were detected with GPMP property settings.

**System action**

GPMP stops.

**Operator response**

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0014E</b>	<b>GPMP CONFIGURATION ERROR: PARAMETER VALIDATION ERROR(S) DETECTED.</b>
-----------------	--

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. Parameter validation errors were encountered.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0015E</b>	<b>GPMP CONFIGURATION ERROR: PROCESSMODE PROPERTY IS NOT DEFINED.</b>
-----------------	---

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The processmode property was not defined.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0017E</b>	<b>GPMP CONFIGURATION ERROR: UNABLE TO CREATE THE PLUGIN SUBDIRECTORY directoryName</b>
-----------------	---

## Explanation

This message is issued when the guest platform management Provider (GPMP) cannot create the subdirectory for plugin data in GPMP data root directory.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Determine the reason of the failure. Correct the problem and submit JCL HVEENV again.

## Source

GPMP

---

**FEW0200E** **GPMP ACTIVATION ERROR: INITIALIZING THE WORKING DIRECTORY.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in initializing the working directory.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0201E** **GPMP ACTIVATION ERROR: INITIALIZING THE DIAGNOSTICS SUBDIRECTORY.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in initializing the diagnostics subdirectory.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0202E**

**GPMP ACTIVATION ERROR: INITIALIZING THE INTERFACES  
SUBDIRECTORY.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in initializing the interfaces subdirectory.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0203E**

**GPMP ACTIVATION ERROR: INITIALIZING THE DATA SUBDIRECTORY.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in initializing the data subdirectory.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0205E**

**GPMP ACTIVATION ERROR: LOADING CUSTOMIZED PROPERTIES.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in loading the customized GPMP properties.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0206E**

**GPMP ACTIVATION ERROR: PROCESSING START PARAMETER.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in processing the start parameter.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0207E**

**GPMP ACTIVATION ERROR: VALIDATING CUSTOMIZED PROPERTIES.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in validating the customized GPMP properties.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0208E**

**GPMP ACTIVATION ERROR: CREATING OR RESTORING THE GPMP  
PROCESS IDENTITY.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in creating or restoring the GPMP process identity.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0209E**

**GPMP ACTIVATION ERROR: RESTORING THE GPMP IDENTITY.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem restoring GPMP process identity.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0210E**

**GPMP ACTIVATION ERROR: ESTABLISHING THE PROCESS RUNTIME  
CONFIGURATION.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in establishing the process runtime configuration.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0211E****GPMP ACTIVATION ERROR: RESTORING THE GPMP ID.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in restoring the GPMP ID.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0212E****GPMP ACTIVATION ERROR: STORING MODIFIED START PARAMETERS.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in storing modified start parameters.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0213E**

**GPMP ACTIVATION ERROR: ACTIVATING INTERNAL DIAGNOSTIC TRACES.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in activating the internal diagnostic traces.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0214E**

**GPMP ACTIVATION ERROR: ACTIVATING THE GPMP RUNTIME ENVIRONMENT.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in activating the GPMP runtime environment.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0216E**

**GPMP ACTIVATION ERROR: ACTIVATING THE GPMP RUNTIME.**



## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in activating the GPMP runtime.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0217E</b>	<b>GPMP ACTIVATION ERROR: ACTIVATING THE TEST OR DIAGNOSTIC RUNTIME.</b>
-----------------	--

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in activating the GPMP test or diagnostic runtime environment.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0218E</b>	<b>GPMP ACTIVATION ERROR: INITIALIZING THE PLUGIN SUBDIRECTORY.</b>
-----------------	---

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. There was a problem in initializing the plugin subdirectory.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0300E</b>	<b>GPMP DEACTIVATION ERROR: DEACTIVATING THE TEST OR DIAGNOSTIC RUNTIME.</b>
-----------------	--

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be deactivated through the normal interface. There was a problem in deactivating the test or diagnostic runtime environment.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0301E</b>	<b>GPMP DEACTIVATION ERROR: DEACTIVATING THE GPMP RUNTIME.</b>
-----------------	--

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be deactivated through the normal interface. There was a problem in deactivating the GPMP runtime.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0304E</b>	<b>GPMP DEACTIVATION ERROR: DEACTIVATING THE GPMP RUNTIME.</b>
-----------------	--

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be deactivated through the normal interface. There was a problem in deactivating the GPMP runtime.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0401E** **GPMP EXECUTION ERROR: REINSTATING THE GPMP RUNTIME.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was a problem in reinstating the GPMP runtime.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0403E** **GPMP EXECUTION ERROR: UNEXPECTED GPMP WAIT INTERRUPTION.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was an unexpected GPMP wait interruption.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0404E**

**GPMP EXECUTION ERROR: UNEXPECTED RUNTIME DEACTIVATION.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was an unexpected runtime deactivation.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0405E**

**GPMP EXECUTION ERROR: FAILURE DURING COMPONENT DEACTIVATION NOTIFICATION.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was a failure during component deactivation notification.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0406E**

**GPMP EXECUTION ERROR: COMPONENT EXECUTION ERROR.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was a component execution error.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0407E</b>	<b>GPMP EXECUTION ERROR: FAILURE DURING COMPONENT FAILURE NOTIFICATION.</b>
-----------------	---

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was a failure during component failure notification.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0408E</b>	<b>GPMP EXECUTION ERROR: PROCESS FAILURE LIMIT EXCEEDED.</b>
-----------------	--

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. The process failure limit was exceeded.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0409E**

**GPMP EXECUTION ERROR: FAILURE IN GPMP RECOVERY  
MANAGEMENT PROCESSING.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was a failure in GPMP recovery management processing.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0410E**

**GPMP EXECUTION ERROR FOR RUNTIME COMPONENT.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was an execution error for the runtime component.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0411E**

**GPMP EXECUTION ERROR: NULL DOMAIN UUID.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. The domain UUID was null.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0412E** **GPMP EXECUTION ERROR: PLATFORM SERVICES RETURN CODE: xxx.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. The platform services returned an error return code.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0413E** **GPMP EXECUTION ERROR: INCORRECT VALUE FOR PROPERTY.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was an incorrect property value.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0414E**

**GPMP EXECUTION ERROR: THE SYSTEM COULD NOT LOAD THE NATIVE LIBRARY. LIBRARY: *libraryname*.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. The native library could not be loaded.

In the message text:

### *libraryname*

The name of the library the system was not able to load.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0415E**

**GPMP EXECUTION ERROR: RUNTIMERECOVERYMANAGER ERROR.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was an error in the `runtimecoverymanager`.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0416E**

**GPMP EXECUTION ERROR: GPMP HOST NAME IS NOT CORRECT.**



## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. The host name was not correct.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

<b>FEW0418E</b>	<b>GPMP EXECUTION ERROR: PLATFORM SUPPORT FOR GPMP ARM IS NOT ENABLED.</b>
-----------------	--

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. The platform support for GPMP ARM was not enabled.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Ensure that ARM support is enabled and restart GPMP.

## Source

GPMP

---

<b>FEW0419E</b>	<b>GPMP EXECUTION ERROR: FAILURE INITIALIZING SERVERRUNTIME: error</b>
-----------------	--

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. There was a failure in initializing the serverruntime.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0422E**

**GPMP CANNOT CONNECT TO THE MANAGEMENT NETWORK.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) error. The network address or port was not valid.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0423E**

**GPMP EXECUTION ERROR: GPMP NAME MUST BE UNIQUE. THE GPMP NAME ALREADY EXISTS.**

## Explanation

This message is issued in the event of the guest platform management provider (GPMP) execution error. The GPMP name is already in use.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0600I**

**GPMP STARTED.**

## Explanation

The guest platform management provider (GPMP) was started. This message is particularly interesting for automation products that want to keep track of availability of certain subsystems.

## System action

GPMP started.

## Operator response

None.

## System programmer response

None.

## Source

GPMP

---

**FEW0601E** **GPMP FATAL ERROR: *error***

## Explanation

Fatal error in guest platform management provider (GPMP).

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0604I** **GPMP STOPPING – *reason*.**

## Explanation

The guest platform management provider (GPMP) is stopping. In the message text:

### ***reason***

One of the following reasons apply:

1. STOPPED BY MODIFY
2. ARM IS DISABLED
3. NOT\_AUTHORIZED\_TO\_CONNECT\_TO\_z/OS
4. TCPIP\_NOT\_AVAILABLE
5. NO\_OSM\_AVAILABLE
6. INTERNAL\_COMMUNICATIONS\_ERROR

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW0610I****UNABLE TO CONNECT TO THE MANAGEMENT NETWORK**

## Explanation

The guest platform management provider (GPMP) cannot connect to the internal management network.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

The system also issues message FEW0604I. Check the reason for the stop in FEW0604I, and then correct the problem and restart GPMP.

## Source

GPMP

---

**FEW0612I****TRACE DESTINATION CHANGED FROM *destination* TO *destination*.**

## Explanation

Change the destination of the internal tracing, between file or memory. The default destination is memory. In the message text:

### ***destination***

Possible destination: MEMORY, FILE

## System action

The guest platform management provider (GPMP) writes trace entries to the new destination.

## Operator response

None.

## System programmer response

None.

## Source

GPMP

---

**FEW0613I**

**TRACE DESTINATION UNCHANGED.**

## Explanation

The trace command was issued which did not alter the trace destination.

## System action

The guest platform management provider (GPMP) continues to write trace entries to the same destination.

## Operator response

None.

## System programmer response

None.

## Source

GPMP

---

**FEW0614I**

**TRACE LEVEL CHANGED FROM *TraceLevel* TO *TraceLevel*.**

## Explanation

Change the trace level to collect the appropriate amount of information for problem determination. The default trace level is low. In the message text:

### ***TraceLevel***

Possible trace level: NONE, LOW, MEDIUM, HIGH

## System action

The guest platform management provider (GPMP) collects the information according to the trace level that is set.

## Operator response

None.

## System programmer response

None.

## Source

GPMP

---

**FEW0615I**

**TRACE LEVEL UNCHANGED.**

## Explanation

The trace command was issued which did not alter the trace level.

## System action

The guest platform management provider (GPMP) continues tracing at the level set previously.

## Operator response

None.

## System programmer response

None.

## Source

GPMP

---

**FEW1000E**

**DUMP REQUEST INITIATED: *Exception Class***

## Explanation

The guest platform management provider (GPMP) has detected an error and is collecting diagnostic information.

In the message text:

### ***Exception Class***

The exception class issued.

## System action

GPMP continues processing.

## Operator response

Contact your system programmer.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1001E**

**RECOVERY INITIATED: *Exception Class.***

## Explanation

The guest platform management provider (GPMP) has encountered an error and is recovering.

In the message text:

### ***Exception Class***

The exception class issued.

## System action

GPMP continues processing.

## Operator response

Contact your system programmer.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1002E**

**DUMP REQUEST FAILED: *Exception Class*.**

## Explanation

The guest platform management provider (GPMP) has detected an error and was unable to collect diagnostic information.

In the message text:

### ***Exception Class***

The exception class issued.

## System action

GPMP continues processing.

## Operator response

Contact your system programmer.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1003E**

**DUMP REQUEST COMPLETED - *exception information*.**

## Explanation

The guest platform management provider (GPMP) has completed all diagnostic information from a user initiated dump request. Diagnostic dump file can be found at /var/mca/ms/ <SystemName>/Diagnostics.

In the message text:

### ***exception information***

One of the following exception information apply:

- Exception message.
- Exception message and Failure Table.

## System action

GPMP continues processing.

## Operator response

Contact your system programmer.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1004E**

**DUMP RECOVERY COMPLETED - *exception information.***

## Explanation

The guest platform management provider (GPMP) has recovered from an error and has completed collecting all diagnostic information. Diagnostic dump file can be found at `/var/mca/ms/ <SystemName>/Diagnostics`.

In the message text:

### ***exception information***

One of the following exception information apply:

- Type of exception and class where it was thrown.
- Type of exception and class where it was thrown and Failure Table.

## System action

GPMP continues processing.

## Operator response

Contact your system programmer.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1006I**

**DUMP SUPPRESSION COMPLETED - *exception information.***

## Explanation

The guest platform management provider (GPMP) has detected an error and has completed suppressing redundant diagnostic information.

In the message text:

### ***exception information***

One of the following exception information apply:

- Type of exception and class where it was thrown.
- Type of exception and class where it was thrown and Failure Table.
- Type of exception and class where it was thrown, exception unique ID and failure statistics.

## System action

GPMP continues processing.



## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1100E**

**GPMP LOGS CANNOT BE COLLECTED, CONFIGURATION FILE IS MISSING.**

## Explanation

This message is issued when the guest platform management provider (GPMP) collect logs service cannot be started through the normal interface. The configuration file created by JCL HVEENV is missing. HVEENV did not finish successfully or it has not been run.

## System action

The collect logs service fails.

## Operator response

None.

## System programmer response

Run JCL HVEENV to configure GPMP environment.

## Source

GPMP

## Module

collectLogs.sh

## Routing code

-

## Descriptor code

-

---

**FEW1101E**

**GPMP LOGS CANNOT BE COLLECTED, CONFIGURATION FILE IS EMPTY.**

## Explanation

This message is issued when the guest platform management provider (GPMP) collect logs service cannot be started through the normal interface. The configuration file could be corrupted or the previous run of JCL HVEENV did not finish properly.

## System action

The collect logs service fails.

## Operator response

None.

## System programmer response

Run JCL HVEENV to configure GPMP environment.

## Source

GPMP

## Module

collectLogs.sh

---

<b>FEW1102E</b>	<b>GPMP LOGS CANNOT BE COLLECTED, CONFIGURATION FILE IS NOT READABLE.</b>
-----------------	---

## Explanation

This message is issued when the guest platform management provider (GPMP) collect logs service cannot be started through the normal interface. The configuration file created does not have read permissions. The configuration file could be corrupted or the previous run of JCL HVEENV did not finish properly.

## System action

The collect logs service fails.

## Operator response

None.

## System programmer response

Change permission of configuration file (/etc/hvemca\_environment.conf) to read.

## Source

GPMP

## Module

collectLogs.sh

---

<b>FEW1103E</b>	<b>GPMP LOGS CANNOT BE COLLECTED, <i>jrebin_root</i>/java SET IN CONFIGURATION FILE DOES NOT EXIST.</b>
-----------------	---

## Explanation

This message is issued when the guest platform management provider (GPMP) collect logs service cannot be started through the normal interface. The *jrebin\_root* set as one of the parameters in the JCL HVEENV does not exist.

## System action

The collect logs service fails.

## Operator response

None.

## System programmer response

Update *jrebin\_root* to the directory on z/OS UNIX where the Java executable is located in the JCL HVEENV. Run JCL HVEENV to configure GPMP environment.

## Source

GPMP

## Module

collectLogs.sh

---

**FEW1200E** PROPERTY RESTORE ERROR: *diagnosticInfo*.

## Explanation

There was an error when an attempt was made to restore the guest platform management provider (GPMP) property.

In the messages text:

### **diagnosticInfo**

The diagnosis information for property.

## System action

GPMP continues processing.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1201E** PROPERTY LOAD ERROR: *diagnosticInfo*.

## Explanation

There was an error when an attempt was made to load the guest platform management provider (GPMP) property.

### **diagnosticInfo**

The diagnosis information for property.



**Source**

GPMP

---

**FEW1501E****GPMP CUSTOMIZATION ERROR LOADING CUSTOMIZED PROPERTIES.****Explanation**

There was an error loading customized guest platform management provider (GPMP) properties.

**System action**

GPMP stops.

**Operator response**

None.

**System programmer response**

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

**Source**

GPMP

---

**FEW1502E****GPMP CUSTOMIZATION ERROR: INVALID PROPERTY VALUE.****Explanation**

There was an error customizing the guest platform management provider (GPMP). A GPMP property value is invalid.

**System action**

GPMP stops.

**Operator response**

None.

**System programmer response**

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

**Source**

GPMP

---

**FEW1503E****GPMP CUSTOMIZATION ERROR: INVALID PROPERTY.****Explanation**

There was an error customizing the guest platform management provider (GPMP). The property is invalid.

**System action**

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1504E**

**GPMP CUSTOMIZATION ERROR: FAILURE OCCURRED WHEN PROCESSING THE PROPERTIES.**

## Explanation

There was an error customizing the guest platform management provider (GPMP) when processing the GPMP properties.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1505E**

**GPMP CUSTOMIZATION ERROR: STORING MODIFIED PROPERTIES.**

## Explanation

There was an error customizing the guest platform management provider (GPMP) when storing modified GPMP properties.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1506E**

**REQUIRED PROPERTIES ARE NOT DEFINED.**

## Explanation

There was an error customizing the guest platform management provider (GPMP). Required GPMP properties were not defined.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1507E****CONFLICTS DETECTED WITHIN PROPERTY SETTINGS.**

## Explanation

There was an error customizing the guest platform management provider (GPMP). Conflicts were detected within the GPMP property settings.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1508E****PARAMETER VALIDATION ERRORS DETECTED.**

## Explanation

There was an error customizing the guest platform management provider (GPMP). Errors were detected while validating parameters.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW1511E**

**GPMP CUSTOMIZATION ERROR: LISTING PROPERTY SETTINGS.**

## Explanation

There was an error listing the guest platform management provider (GPMP) property settings.

## System action

GPMP stops.

## Operator response

None.

## System programmer response

Search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

---

**FEW2001E**

**<time\_stamp> ERROR: CONFIGURATION ID WAS NOT FOUND  
SUGGESTED ACTION:**

**1. If SYSNAME exists, ensure that the file permissions allow  
userid to access the directory and all of its content.**

**2. Specify one of the existing**

**configuration IDs: SYSNAMEUsage: collectLogs -dir path**

**Command options: -dir path Directory in which debug jar file is created**

**PROCESSING COMPLETE**

## Explanation

This message is issued when collectLogs.sh fails to create the debug jar file because the process could not find the configuration ID.

In the messages text:

**<time\_stamp>**

The date and time the system tried to create the debug jar file.

## System action

The collectLogs.sh fails to create the debug jar file.

## Operator response

None.

## System programmer response

Follow suggested action.



## Source

GPMP

---

**FEW2003E** *<time\_stamp> ERROR: Configuration ID **configID** is not valid for this command. Type: **type***

## Explanation

Command failed because it does not have the appropriate subdirectory for the specified configuration ID.

In the messages text:

### **time\_stamp**

The date and time the system encountered the error.

### **configID**

The SYSNAME type.

### **type**

The subdirectory in DATA\_ROOT

## System action

The command failed to start GPMP.

## Operator response

None.

## System programmer response

Ensure that the subdirectory in DATA\_ROOT of guest platform management provider (GPMP) is appropriate for the specified configuration ID.

## Source

GPMP

---

**FEW2004E** *<time\_stamp> ERROR: CONFIGURATION ID **configID** AT WRONG VERSION AND RELEASE. CONFIGURATION ID VERSION AND RELEASE: **configID level**, EXPECTED VERSION AND RELEASE: **expected level**.*

## Explanation

The version information in the level.properties file in the DATA ROOT directory does not match the expected version information.

In the messages text:

### **time\_stamp**

The date and time the system encountered the error.

### **configID**

The SYSNAME type.

### **configID level**

The level.properties file the system encountered.

### **expected level**

The level.properties file the system expected to encounter.

## System action

The guest platform management provider (GPMP) failed to be configured.

## Operator response

None.

## System programmer response

If the expected version does not match the level.properties file, restore it to the original value.

## Source

GPMP

---

**FEW2005E** *<time\_stamp>* **ERROR: Configuration ID *configID* is not valid. GPMP configuration ID can only contain alphanumeric characters. SUGGESTED ACTION: Refer to the command usage information for the valid characters for the configuration ID. PROCESSING COMPLETE**

## Explanation

The command failed to activate the guest platform management provider (GPMP), the configuration ID is not valid because it contains invalid characters. For more details, see the following example.

In the messages text:

### ***time\_stamp***

The date and time stamp.

### ***configID***

The SYSNAME type.

## System action

The guest platform management provider (GPMP) failed to start.

## Operator response

None.

## System programmer response

Refer to the command usage information for the valid characters for the configuration ID. Follow the suggested action.

## Source

GPMP

## Example

```
FEW2005E <Monday, October 4, 2010 2:20:34 PM ED> ERROR: Configuration ID
JESSICA== is not valid. GPMP configuration ID can only contain
alphanumeric characters.

SUGGESTED ACTION: Refer to the command usage information for the valid characters for
the configuration ID.
at com.ibm.wlm.config.WorkingDirectory.validateConfigID(WorkingDirectory.java:709)
at com.ibm.wlm.config.WorkingDirectory.create(WorkingDirectory.java:355)
at com.ibm.wlm.config.EWLManagedServer.create(EWLManagedServer.java:155)
at com.ibm.wlm.config.ActivateMS.processCmd(ActivateMS.java:400)
```

```
at com.ibm.wlm.config.ActivateMS.<init>(ActivateMS.java:192)
at com.ibm.wlm.config.ActivateMS.main(ActivateMS.java:156)
```

---

**FEW2007E****<time\_stamp> Parameter *parm* is not valid.**

### Explanation

The command failed as parameter specified (*parm*) is not valid.

In the messages text:

***time\_stamp***

The date and time the system encountered the error.

***parm***

The parameter name.

### System action

The command failed.

### Operator response

None.

### System programmer response

Issue the command with correct syntax.

### Source

GPMP

### Example

```
FEW2007E <time_stamp> Parameter d is not valid.
SUGGESTED ACTION: Refer to the command usage information
for the correct syntax of this command
Usage: collectLogs -dir path
Command options: -dir path Directory in which debug jar file is created
PROCESSING COMPLETE.
```

---

**FEW2012E****<time\_stamp> ERROR: Required parameter *parm* is missing.**

### Explanation

The command failed to complete as the required parameter is missing.

In the messages text:

**<time\_stamp>**

The date and time the system encountered the error.

***parm***

The parameter name.

### System action

The command failed.

## Operator response

None.

## System programmer response

Issue the command with the correct parameter.

## Source

GPMP

## Example

```
FEW2012E < Monday, October 4, 2010 2:20:00 PM EDT > ERROR: No value is
specified for parameter: -dir

SUGGESTED ACTION: Refer to the command usage information for the valid
values that must be specified with this parameter.

Usage:
  collectLogs -dir path

Command options:
  -dir      path  Directory in which debug jar file is created.

PROCESSING COMPLETE
```

---

**FEW2014E**

**<time\_stamp> ERROR: No value is specified for parameter: parm.**

## Explanation

The command failed to complete because the required parameter is missing.

In the messages text:

**<time\_stamp>**

The date and time the system encountered the error.

**parm**

The parameter name.

## System action

The command failed.

## Operator response

None.

## System programmer response

Issue the command with the correct parameter.

## Source

GPMP

## Example

```
FEW2014E < Monday, October 4, 2010 2:20:00 PM EDT > ERROR: No value is
specified for parameter: -dir
```

SUGGESTED ACTION: Refer to the command usage information for the valid values that must be specified with this parameter.

Usage:  
collectLogs -dir path

Command options:

-dir path Directory in which debug jar file is created.

PROCESSING COMPLETE

---

**FEW2027E**

**<time stamp > FATAL ERROR: Unable to process command.  
Please contact IBM service and provide the diagnostics provided in this file: *file* Use the appropriate stop command to stop the GPMP instance.**

## Explanation

When the guest platform management provider (GPMP) processed the command, a fatal error occurred.

In the message text:

**<time stamp>**

The time the message was issued.

***file***

The name of the file to provide to IBM Support.

## System action

GPMP continues running.

## Operator response

Enter F WLM, GPMP, STOP from operator console.

## System programmer response

Run collectLogs.sh to gather diagnostic information and contact IBM Support.

---

**FEW2037E**

**<time stamp > Cannot update or create *directory*.**

## Explanation

The guest platform management provider (GPMP) cannot create log file root *directory* specified in JCL HVEENV.

In the message text:

**<timestamp>**

The time the message was issued.

***directory***

The name of the directory that was not created.

## System action

GPMP not configured.

## Operator response

None.

## System programmer response

Determine the reason of the failure, correct the problem, and resubmit JCL HVEENV.

### Example

```
FEW2037E <time stamp > Cannot update or create directory.  
  
SUGGESTED ACTION: Ensure that the following conditions are true:  
1. The file permissions allow userid to update or create directory.  
2. The file system has enough free space to allow the creation or extension of directory.  
  
Usage: usage  
  
Command options: options  
  
PROCESSING COMPLETE
```

---

**FEW2038E** **<time stamp > Cannot create *directory*.**  
**SUGGESTED ACTION: Ensure that the following conditions are true: 1. The file permissions allow userid create directory. 2. The file system has enough free space to allow the creation of directory.**

### Explanation

The guest platform management provider (GPMP) cannot create file root directory specified in JCL HVEENV.

In the message text:

**<timestamp>**

The time the directory was not created.

***directory***

The name of the directory that was not created.

### System action

GPMP not configured.

### Operator response

None.

## System programmer response

Determine the reason of the failure, correct the problem, and resubmit JCL HVEENV.

---

**FEW2043E** **<time stamp > ERROR: DIRECTORY *directory* CANNOT BE FOUND.**

### Explanation

The guest platform management provider (GPMP) failed to process the command because the directory specified does not exist.

In the message text:

**<timestamp>**

The time the message was issued.

***directory***

The directory that was not found.

## System action

The command failed.

## Operator response

None.

## System programmer response

Issue the command with the existing *directory*, or with the fully qualified *path name*.

## Example

```
FEW2043E <Sunday, October 3, 2010 9:09:24 PM EDT> ERROR: Directory /ppm
cannot be found.

SUGGESTED ACTION: Ensure that the following conditions are true:
 1. The directory exists.
 2. The directory must be specified using a fully qualified path name.
 3. The file permissions are such that EWLM can access the directory.

Usage:
  collectLogs -dir path

Command options:
  -dir      path      Directory in which debug jar file is created.

PROCESSING COMPLETE
```

---

**FEW2049E**

**<time\_stamp> ERROR: CONFIGURATION ID *configId* IS NOT VALID.  
THE LENGTH OF THE ID MUST NOT EXCEED 32 CHARACTERS.**

## Explanation

The configuration ID for the guest platform management platform (GPMP) is not valid.

In the message text:

**<time\_stamp>**

The time the error was written.

***configId***

The name of the configuration ID that was specified.

## System action

GPMP fails to start.

## Operator response

None.

## System programmer response

1. Check the configuration ID for the system. For valid usage, see "IBM z Systems Ensemble Workload Resource Group Management Guide, GC27-2629" on the [Resource Link home page \(www.ibm.com/servers/resourcelink\)](http://www.ibm.com/servers/resourcelink).
2. Correct the problem and restart GPMP.

## Example

```
FEW2049E <Monday, October 4, 2010 2:13:54 PM EDT> ERROR: Configuration ID  
JESSICADONHERTYJESSICADONHERTY
```

```
JESSICADONHERTYJESSICADONHERTY is not valid. The length of the ID must not  
exceed 32 characters.
```

```
SUGGESTED ACTION: Refer to the command usage information for the valid usage for the configuration ID.
```

---

**FEW2107E**

**GPMP CANNOT BE ACTIVATED, CONFIGURATION FILE IS MISSING.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The configuration file created via JCL HVEENV is missing. HVEENV did not finish successfully or it has not been run.

## System action

The system stops processing.

## Operator response

None.

## System programmer response

Run JCL JCL HVEENV to configure GPMP environment. If the error persists, search problem reporting databases for a fix for the problem. If no fix exists, contact IBM Support.

## Source

GPMP

## Module

activateMS.sh

---

**FEW2108E**

**GPMP CANNOT BE ACTIVATED, CONFIGURATION FILE IS EMPTY.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The configuration file could be corrupted or the previous run of JCL HVEENV did not finish properly.

## System action

The system stops processing.

## Operator response

None.

## System programmer response

Run JCL JCL HVEENV to configure GPMP environment.



## Source

GPMP

## Module

activateMS.sh

---

**FEW2109E**

**GPMP CANNOT BE ACTIVATED, CONFIGURATION FILE IS NOT READABLE.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The configuration file created does not have read permissions. The configuration file could be corrupted or the previous run of JCL HVEENV did not finish properly.

## System action

The system stops processing.

## Operator response

None.

## System programmer response

Change permission of configuration file (/etc/hvemca\_environment.conf) to read.

## Source

GPMP

## Module

activateMS.sh

---

**FEW2110E**

**GPMP CANNOT BE ACTIVATED, *jrebin\_root*/java SET IN CONFIGURATION FILE DOES NOT EXIST.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be activated through the normal interface. The *jrebin\_root* set as one of the parameters in the JCL HVEENV does not exist.

## System action

The system stops processing.

## Operator response

None.

## System programmer response

Update *jrebin\_root* to the directory on z/OS UNIX where the Java executable is located in the JCL HVEENV. Run JCL HVEENV to configure GPMP environment.

## Source

GPMP

## Module

activateMS.sh

---

**FEW2111E**

**GPMP CANNOT BE CONFIGURED, CONFIGURATION DIRECTORY,  
*conf\_root* IS NOT WRITABLE.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be configured through the normal interface. The configuration directory *conf\_root* set as one of the parameters in the JCL HVEENV does not have the proper write permissions.

## System action

The system stops processing.

## Operator response

None.

## System programmer response

Run the shell script and JCL with userid that has permission to write to configuration root directory.

## Source

GPMP

## Module

createMCAENV.sh

---

**FEW2112E**

**GPMP CANNOT BE CONFIGURED, *jrebin\_root*/java SET IN JCL ENV  
DOES NOT EXIST.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be configured through the normal interface. *jrebin\_root* set as one of the parameters in the JCL HVEENV does not exist.

## System action

The system stops processing.

## Operator response

None.

## System programmer response

Modify the JREBIN\_ROOT parameter in the JCL to point to directory where the java executable is located.

## Source

GPMP

## Module

createMCAENV.sh

---

**FEW2113E**

**GPMP CANNOT BE CONFIGURED, *data\_root* IS NOT CREATED.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be configured through the normal interface. The user running JCL HVEENV does not have write permissions for creating *data\_root*.

## System action

The system stops processing.

## Operator response

None.

## System programmer response

Run the shell script and JCL with userid that has permission to write to configuration root directory.

## Source

GPMP

## Module

createMCAENV.sh

---

**FEW2114E**

**GPMP CANNOT BE CONFIGURED, CHANGE OWNER FAILED FOR *data\_root*.**

## Explanation

This message is issued when the guest platform management provider (GPMP) cannot be configured through the normal interface. Change ownership to *mca\_user* : *mca\_group* failed for *data\_root*.

## System action

The system stops processing.

## Operator response

None.

## System programmer response

Run the shell script and JCL with userid that has permission to write to configuration root directory.

## Source

GPMP

## Module

createMCAENV.sh

---

**FEW2115I**

**GPMP CHANGE OWNER SUCCESSFUL FOR *data\_root*, CONTINUE ENVIRONMENT CONFIGURATION.**

## Explanation

This message is issued when the guest platform management provider (GPMP) environment is being configured through the normal interface. Change ownership to *mca\_user* : *mca\_group* was a success for *data\_root*.

## System action

The system continues processing.

## Operator response

None.

## System programmer response

None.

## Source

GPMP

## Module

createMCAENV.sh

---

**FEW2116I**

**GPMP CONFIGURATION FILE BACKUP COMPLETE FOR *conf\_file*, CONTINUE ENVIRONMENT CONFIGURATION.**

## Explanation

This message is issued when the guest platform management provider (GPMP) environment is being configured through the normal interface. Configuration file backup is a success.

## System action

The system continues processing.

## Operator response

None.

## System programmer response

None.

## Source

GPMP

## Module

createMCAENV.sh

---

**FEW2117E****GPMP CANNOT BE CONFIGURED, CHANGE OWNER FAILED FOR *conf\_file*.****Explanation**

This message is issued when the guest platform management provider (GPMP) cannot be configured through the normal interface. Change ownership to *mca\_user : mca\_group* failed for *conf\_file*.

**System action**

The system stops processing.

**Operator response**

None.

**System programmer response**

Run the shell script and JCL with userid that has permission to write to configuration root directory.

**Source**

GPMP

**Module**

createMCAENV.sh

---

**FEW2118I****GPMP CHANGE OWNER SUCCESSFUL FOR *conf\_file*, CONTINUE ENVIRONMENT CONFIGURATION.****Explanation**

This message is issued when the guest platform management provider (GPMP) environment is being configured through the normal interface. Change ownership to *mca\_user : mca\_group* was a success for *conf\_file*.

**System action**

The system continues processing.

**Operator response**

None.

**System programmer response**

None.

**Source**

GPMP

**Module**

createMCAENV.sh

---

**FEW2119I****GPMP ENVIRONMENT CONFIGURATION SUCCESSFUL, FINISH ENVIRONMENT CONFIGURATION.**

## Explanation

This message is issued when the guest platform management provider (GPMP) environment is being configured through the normal interface.

## System action

Processing finished.

## Operator response

None.

## System programmer response

None.

## Source

GPMP

## Module

createMCAENV.sh

---

**FEW2120E**

**GPMP CANNOT BE ACTIVATED, JAVA VERSION *jrebin\_root* IS NOT SUPPORTED.**

## Explanation

The guest platform management provider (GPMP) does not support the JAVA version specified in variable *JREBIN\_ROOT* in JCL HVEENV.

## System action

GPMP cannot be configured.

## Operator response

Contact your system programmer.

## System programmer response

Specify the correct JAVA version. For the version of Java is support, check "IBM z Systems Ensemble Workload Resource Group Management Guide, GC27-2629" on the [Resource Link home page \(www.ibm.com/servers/resourcelink\)](http://www.ibm.com/servers/resourcelink).

## Module

createMCAENV.sh

---

**FEW2121I**

**<time\_stamp> INFO: Created *data\_root* directory**

## Explanation

The directory in which the guest platform management provider (GPMP) stores the configuration and diagnostic data has been created.

In the message text:

**<time\_stamp>**

The time the directory was created.

**data\_root**

The directory that stores the configuration and diagnostic data.

**System action**

Data directory for GPMP has been created.

**Operator response**

None.

**System programmer response**

None.

**Source**

GPMP

**Module**

createMCAENV.sh

**Example**

```
FEW2121I < Fri Aug 13 08:37:19 EDT 2010 > INFO: Created /var/mca/ms directory.
```

**FEW2122W**

**GPMP CANNOT LOCATE ENVIRONMENT PROFILE INDICATED BY THE ENV\_PROFILE VARIABLE IN JCL HVEENV. THE *env\_profile* CURRENTLY HAS THE VALUE OF *env\_profile*. GPMP WILL BE STARTED, BUT IT MIGHT NOT OPERATE PROPERLY.**

**Explanation**

This is a warning message. The guest platform management provider (GPMP) cannot locate the z/OS UNIX profile specified in variable *env\_profile* in JCL HVEENV. This profile contains environmental information such as TimeZone, Locale, and others. This message will be issued while running JCL HVEENV and while starting GPMP.

In the message text:

***env\_profile***

The z/OS UNIX profile to be used by GPMP. For example: /etc/profile.

**System action**

GPMP CONFIGURED. GPMP STARTED BUT MIGHT NOT OPERATE PROPERLY

**Operator response**

Contact your system programmer.

**System programmer response**

Determine if *env\_profile* in JCL HVEENV points to the proper profile. If not:

1. Stop GPMP.
2. Specify the correct z/OS UNIX profile.

3. Resubmit the JCL HVEENV.
4. Restart GPMP.

## Source

GPMP

## Module

activateMS.sh, createMCAENV.sh

---

**FEW2123E**

**GPMP CANNOT BE CONFIGURED AS *variable* IN JCL HVEENV IS NOT DEFINED.**

## Explanation

The guest platform management provider (GPMP) cannot be configured as one or more of the variables specified in JCL HVEENV is missing.

In the message text:

### ***variable***

The *variable* value can be:

- DATA\_ROOT
- JREBIN\_ROOT
- LOGFILE\_ROOT
- MCA\_USER
- MCA\_GROUP
- ENV\_PROFILE

## System action

GPMP cannot be configured

## Operator response

Contact your system programmer.

## System programmer response

Add the missing variable in JCL HVEENV, and then submit JCL HVEENV again.

## Source

GPMP

## Module

createMCAENV.sh



---

## Chapter 7. FPG messages

---

**FPG002E**

**INTERVENTION REQUIRED FOR PFID *pfid*, *reasontext***

### Explanation

An error occurred on a hardware accelerator device, and the device could not be recovered by the system. Manual intervention is required to recover the device.

In the message text:

#### ***pfid***

The PCIe function identifier associated with the device.

#### ***reasontext***

The reason why the device could not be recovered, which can be one of the following:

##### **ALLOCATION FAILURE**

An error occurred while attempting to allocate the device during device initialization.

##### **DEALLOCATION FAILURE**

An error occurred while attempting to deallocate the device.

##### **DEALLOCATION ABENDED**

An abend occurred while attempting to deallocate the device.

##### **UNKNOWN DEVICE TYPE**

The system was unable to determine the type of hardware accelerator device during device initialization.

##### **PCIE ALLOCATION FAILURE**

An error occurred during device initialization while attempting to enable the device for allocation.

##### **PERMANENT ERROR DETECTED**

An error occurred on the device. Hardware recovery was unsuccessful, and the device was put into the permanent error state.

##### **STATUS NOT OBTAINED**

An error occurred while attempting to retrieve the status of the device either during device initialization or after a possible change to the state of the device.

##### **UNSUPPORTED ARCHITECTURE LEVEL**

The firmware architecture level for the device is not supported by z/OS.

##### **RECOVERY ACTIONS HAVE FAILED**

Recovery action or actions have been attempted for this device after an error, but they were unsuccessful.

### System action

The system no longer uses the device.

### System programmer response

Attempt to configure the device (PFID) offline and then online to reset and recover the device. If the error persists, contact the IBM Support Center.

### Source

PCI Express

### Module

FPGPLFPG

## Routing code

2

## Descriptor code

4

---

FPG003I

**DEVICE RECOVERY INITIATED FOR PFID *pfid***  
**REASON: *reasontext***  
***reqcnt* REQUESTS ARE PENDING COMPLETION**  
**ACTION TAKEN: *action***  
**DIAG INFO: *diaginfo***

## Explanation

An error has occurred for the specified hardware accelerator device, and the system is attempting to recover the device. Message FPG004I or FPG005I is issued once this recovery action is complete.

In the message text:

### ***pfid***

The PCIE function identifier associated with the device.

### ***reasontext***

The reason why recovery was initiated for the device, which can be one of the following:

#### **EXCESSIVE DEVICE BUSY CONDITION**

When trying to notify a device that work has been queued, the device reported a busy condition for an extended period of time

#### **DEVICE STOPPED DUE TO ERROR**

Work was submitted to the device; however, the device detected an error, and the processing of the work queue was stopped.

#### **AN ACTIVE REQUEST HAS NOT COMPLETED**

The device has been working on a request for an excessive period of time without completing the request.

#### **QUEUED REQUESTS ARE NOT STARTING**

Queued work requests are not being processed by the device.

#### **MISSING INTERRUPT CONDITION DETECTED**

A work request that specified that an interrupt should be presented upon completion was marked completed by the device; however, no interrupt was received.

#### **UNRECOVERABLE ERROR OCCURRED FOR THE DEVICE**

The device entered an unrecoverable error state while processing requests.

### ***reqcnt***

The number of requests that were waiting to be processed by the device on this system when recovery was initiated.

### ***action***

Can be one of the following recovery actions to be taken:

#### **HARDWARE DUMP REQUESTED**

A hardware dump has been requested for the affected device. Once the dump completes, the system will deallocate and reallocate the device in an attempt to recover the device.

#### **REALLOCATE DEVICE**

The system will deallocate and reallocate the device in an attempt to recover the device.

#### **INTERVENTION REQUIRED**

Either all prior attempts to recover the device have failed or the maximum number of recovery attempts within a period of time has been exceeded. Manual intervention is required to recover the device.

## ***diaginfo***

Diagnostic information that can be provided to the IBM Support Center.

## **System action**

The *action* is taken. If the action is not INTERVENTION REQUIRED, message FPG004I or FPG005A is issued once recovery is complete to indicate whether device recovery is successful or unsuccessful. If the action is INTERVENTION REQUIRED, the device is put into the intervention required state, and no further recovery actions are taken. In all cases, work that was previously submitted to this device is routed to another device, if one is available.

## **Operator response**

If *action* is INTERVENTION REQUIRED, configure the device offline and then online in an attempt to recover the device. If this fails, contact the IBM Support Center. If *action* is not INTERVENTION REQUIRED, look for message FPG004I or FPG005I to see if recovery was successful or if additional actions are required.

## **Source**

PCI Express

## **Module**

FPGPHSRB

## **Routing code**

2

## **Descriptor code**

4

---

<b>FPG004I</b>	<b>DEVICE RECOVERY UNSUCCESSFUL FOR PFID <i>pfid</i></b> <b>REASON: <i>reasontext</i></b> <b>PREVIOUS ACTION: <i>prevaction</i></b> <b>NEW ACTION: <i>newaction</i></b>
----------------	--

## **Explanation**

Device was not successful for the specified hardware accelerator device. A new recovery action is taken, if possible, to recover the device.

In the message text:

### ***pfid***

The PCIe function identifier associated with the device.

### ***reasontext***

The reason why recovery was unsuccessful for the device, which can be one of the following:

#### **DEVICE DEALLOCATION FAILED**

The device could not be deallocated during device recovery.

#### **DEVICE ALLOCATION FAILED**

The device could not be reallocated during device recovery.

#### **ASYNCHRONOUS RECOVERY IS NOT COMPLETING**

An asynchronous recovery process was started for the device, but it has not completed within a reasonable amount of time.

### ***prevaction***

The previous recovery action that was taken, which has failed. This can be one of the following:

### **HARDWARE DUMP REQUESTED**

A hardware dump was requested for the affected device. If the reason that device recovery was unsuccessful was "ASYNCHRONOUS RECOVERY IS NOT COMPLETING", the hardware dump did not complete in a reasonable amount of time. Otherwise, the hardware dump has completed, and an error occurred while attempting to deallocate and reallocate the device.

### **REALLOCATE DEVICE**

The system attempted to deallocate and reallocate the device to recover it.

### ***newaction***

The new recovery action that is taken. This can be one of the following:

### **REALLOCATE DEVICE**

The system will deallocate and reallocate the device in an attempt to recover the device.

### **INTERVENTION REQUIRED**

All prior attempts to recover the device have failed. Manual intervention is required to recover the device.

## **System action**

The *action* is taken. If the action is not INTERVENTION REQUIRED, message FPG004I or FPG005A is issued once recovery is complete to indicate whether device recovery is successful or unsuccessful. If the action is INTERVENTION REQUIRED, the device is put into the intervention required state, and no further recovery actions are taken. In all cases, work that was previously submitted to this device is routed to another device, if one is available.

## **Operator response**

If *action* is INTERVENTION REQUIRED, configure the device offline and then online in an attempt to recover the device. If this fails, contact the IBM Support Center. If *action* is not INTERVENTION REQUIRED, look for message FPG004I or FPG005I to see if recovery was successful or if additional actions are required.

## **Source**

PCI Express

## **Module**

FPGPHREC

## **Routing code**

2

## **Descriptor code**

4

---

**FPG005I**

**DEVICE RECOVERY SUCCESSFUL FOR PFID *pfid***

## **Explanation**

Device recovery was successful for the specified hardware accelerator device.

In the message text:

***pfid***

The PCIe function identifier associated with the device.

## **System action**

The system continues processing.

**Source**

PCI Express

**Module**

FPGPHREC

**Routing code**

2

**Descriptor code**

4



---

## Chapter 8. FXE messages

---

**FXE0001E** *module* DETECTED INTERNAL ERROR *error\_code* WITH DIAGNOSTIC DATA1: *diag1* DATA2: *diag2*

### Explanation

An unexpected internal error occurred in the identified *module*.

In the message text:

***module***

The name of the detecting module.

***error\_code***

The error code.

***diag1***

Diagnostic data field 1.

***diag2***

Diagnostic data field 2.

### System action

The system may end the module processing and the availability of IBM Function Registry for z/OS services might be limited.

### Operator response

Contact the system programmer.

### System programmer response

If the problem persists, search the problem reporting databases for a fix for the problem. If no fix exists, contact the IBM Support Center, supplying the module, error code and diagnostic data accompanying this message.

### Source

IBM Function Registry for z/OS

### Module

Many

### Routing code

1,2,10

### Descriptor code

4

---

**FXE0002I** ERROR READING PARMLIB MEMBER=*parmlib\_member*. RSN=*rsn\_code*

### Explanation

The system could not read the identified parmlib member.

In the message text:

***parmlib\_member***

The name of the parmlib member that the system encountered problems with.

***rsn\_code***

The reason code explaining the error:

**8**

I/O error

**12**

Open error

**16**

Member not found

**System action**

The system skips processing for this parmlib member.

**Operator response**

This message is issued in response to a SET FXE command or at start up of the IBM Function Registry for z/OS. In either case, the system tries to read a list of FXEPRMxx parmlib members, as identified by a user specified suffix list, either directly specified in the SET FXE command or implicitly specified on IEASYSxx system parameter FXE. Use the DISPLAY IPLINFO,FXE system command to see what FXEPRMxx suffixes have been specified for system parameter FXE.

Make sure that the only suffixes specified on the suffix list identify valid, non-corrupted FXEPARMxx parmlib members.

**Source**

IBM Function Registry for z/OS

**Module**

FXECPRMR

**Routing code**

1,2,10

**Descriptor code**

-

---

**FXE0003I**

**FOUND *number* FXEPRMXX PARMLIB MEMBERS TO PROCESS**

**Explanation**

At startup, the IBM Function Registry for z/OS processes the FXEPRMxx parmlib members identified by the FXE IEASYSxx system parameter. If there are no members to process, the message displays a count of zero in this message.

In the message text:

***number***

The number of FXEPRMxx parmlib members identified for use at startup.



## System action

If one or more FXEPRMxx parmlib members were identified, the system processes them.

## Source

IBM Function Registry for z/OS

## Module

FXERIM

## Routing code

2

## Descriptor code

-

---

**FXE0005I**

**SETFXE UNSUCCESSFUL: *problem***

## Explanation

The system encountered a problem while processing the SETFXE command to change the enablement state of an IBM Function Registry for z/OS function.

In the message text:

### ***problem***

The *problem* encountered is one of the following:

#### **ENABLEMENT NOT TRACKED**

The selected function does not support changing it's enablement state.

#### **ENABLEMENT LOCKED**

The selected function does not support changing it's enablement state.

#### **SYNTAX ERROR**

The system encountered a syntax error in the SETFXE command.

#### **UNEXPECTED ERROR**

The system encountered an unexpected error. Look for accompanying message FXE0001E for more details.

#### **BAD ENTRY ENABLED ID**

The selected function entry appears corrupted, for example, field FXEFRFE\_ID is invalid.

#### **BAD ENTRY ENABLED**

The selected function entry contains an invalid enablement state value.

## System action

The SETFXE command request processing does not complete and no data is changed in the IBM Function Registry for z/OS.

If you used wildcard characters in the VENDOR, PRODUCT, or FUNCTION parameters on the SETFXE command, then some but not all data has been changed in the IBM Function Registry for z/OS.

## Operator response

Ensure that the syntax of the command is correct and check for any additional messages issued to help identify the problem.



**BAD ENTRY ENABLED ID**

The selected function entry appears corrupted, for example, field FXEFRFE\_ID is invalid.

**BAD ENTRY ENABLED**

The selected function entry contains an invalid enablement state value.

**System action**

The request for this statement did not complete and no data, or, when wildcards have been used in the statement selectors, not all data, has been changed in the IBM Function Registry for z/OS.

**Operator response**

Ensure that the syntax of the statement is correct and check for any additional messages issued to help identify the problem.

If the syntax is correct, ensure that the VENDOR, PRODUCT, and FUNCTION selectors have been specified correctly. Consult the documentation for the desired FUNCTION or contact the FUNCTION owner for more details. For the case where the message indicates that the deferred-apply list is full, contact the system programmer.

**System programmer response**

For the case where the message indicates that the deferred-apply list is full: When the system processes FXEPRMxx parmlib members at system start time, it attempts to store statements contained in those members for a later, deferred apply processing, since the IBM Function Registry for z/OS infrastructure has not been fully established yet. The system only reserves room for a limited number of such deferred statements and no more room was available for the statement identified by this message. The statement was skipped and not stored and can not be applied later. Inspect the system parameter FXE and the identified FXEPRMxx parmlib members and remove any members or contained statements that are not required. As temporary circumvention consider letting the system process the skipped statements by using the SET FXE command and specifying the suffixes of the FXEPRMxx parmlib members identified by this message.

**Source**

IBM Function Registry for z/OS

**Module**

FXEKSTFP

**Routing code**

2

**Descriptor code**

5

---

**FXE0007I****SETFXE COMPLETED SUCCESSFULLY****Explanation**

The SETFXE was processed successfully.

**System action**

The system continues processing.



**PRODUCT NOT FOUND**

No matching PRODUCT was found in the IBM Function Registry for z/OS. Note that for a PRODUCT match, the PRODUCTID and INSTANCEID also have to match besides the product name when comparing a given product selector with actual product area data in the IBM Function Registry for z/OS. The DISPLAY FXE command defaults to an empty (interpreted as not-set) PRODUCTID and INSTANCEID value.

**FUNCTION NOT FOUND**

No matching FUNCTION was found in the IBM Function Registry for z/OS. Note that for a FUNCTION match, the FUNCTIONUPDTYPE also has to match, besides the function name when comparing a given function selector with actual function entry data in the IBM Function Registry for z/OS. The DISPLAY FXE command defaults to FUNCTIONUPDTYPE(AUTHONLY), while FUNCTIONUPDTYPE(ANYAUTH) needs to be specified explicitly.

**SYNTAX ERROR**

A syntax error was detected

**UNEXPECTED ERROR**

The system detected an unexpected error. Look for accompanying message or messages FXE0001E for more information.

**System action**

The system continues processing.

**Operator response**

Ensure that the syntax of the command is correct and check for any additional messages issued to help identify the problem.

If the syntax is correct, ensure that the VENDOR, PRODUCT, and FUNCTION selectors have been specified correctly. Consult the documentation for the desired FUNCTION or contact the FUNCTION owner for more details.

**Source**

IBM Function Registry for z/OS

**Module**

FXEKDSPP

**Routing code**

2

**Descriptor code**

5

---

**FXE0010I*****hhmmss FXE STATE text*****Explanation**

The DISPLAY FXE STATE command was issued to display a list of the one or more matching function entries and their enablement state as stored in the IBM Function Registry for z/OS.

In the message text:

***hhmmss***

The time in hours (00 - 23), minutes, and seconds for the DISPLAY command.

***text***

Each function entry displays the following fields:

**VENDOR** *vendor\_name*

The name of the vendor associated with the function entry.

**PRODUCT** *product\_name*

The name of the product associated with the function entry.

**PRODUCTID** *productid*

The optional product ID associated with the function ID.

**INSTANCEID** *instancetid*

The optional instance ID associated with the function ID.

**FUNCTION** *function\_name*

The name of the matching function entry.

**ENABLED {YES | NO | NOT SUPPORTED }**

Displays the enablement state for the function.

- **YES** - the function is enabled.
- **NO** - the function is not enabled.
- **NOT SUPPORTED** - the function does not support enablement states.

**System action**

The system continues processing.

**Source**

IBM Function Registry for z/OS

**Module**

FXEKDSPP

**Routing code**

-

**Descriptor code**

5

---

**FXE0014I**

**STATEMENT IN PARMLIB MEMBER=*memname*, ON LINE *line-number*  
STORED SUCCESSFULLY**

**Explanation**

A FXEPRMxx parmlib member statement was stored successfully for a later, deferred apply. This indicates that a FXEPRMxx parmlib member was processed at system start time, before the IBM Function Registry for z/OS infrastructure has been fully established. Registry entry owners are required to call service EXECNTRL REQUEST=APPLYIPLPARM when they register new product areas, to allow the system to apply any previously deferred statements to any matching function entries in such new product areas.

In the message text:

***memname***

The name of the parmlib member containing the successful statement.

***line\_number***

The number of the line in parmlib member *memname* containing the successful statement.

## System action

The system continues processing.

## Source

IBM Function Registry for z/OS

## Module

FXEKSTFP

## Routing code

Note 13

## Descriptor code

4

---

**FXE0015I**

*hhmss* **FXE IPLPARMS text**

## Explanation

The DISPLAY FXE IPLPARMS command was issued to display a list of statements that were provided, optionally, at system start time via FXEPRMxx parmlib members, as identified by system parameter FXE.

Each list item provides the following fields:

**VENDORNAME or VENDORSLOT:** *vendor-name-or-slot*

The vendor area selector, as vendor name or anchor table vendor slot number, that was specified on the corresponding FXEPRMxx statement.

**PRODUCTNAME or PRODUCTSLOT:** *product-name-or-slot*

The product area selector, as product name or vendor area product slot number, that was specified on the corresponding FXEPRMxx statement.

**PRODUCTID** *productid*

The ID of the product that was specified on the corresponding FXEPRMxx statement, if that ID is required to uniquely identify the selected product area(s).

**INSTANCEID** *instancetid*

The instance ID of the product that was specified on the corresponding FXEPRMxx statement, if that ID is required to uniquely identify the selected product area(s).

**FUNCTIONUPDTYPE:** *func-upd-type*

The (optional) function update type that was specified on the corresponding FXEPRMxx statement.

**FUNCTIONNAME or FUNCTIONSLOT:** *function-name-or-slot*

The function entry selector, as function name or product area function slot number, that was specified on the corresponding FXEPRMxx statement.

**REQUESTED STATE: ENABLE({YES|NO})**

The requested function entry enablement state that was specified on the corresponding FXEPRMxx statement.

**REQUESTED VIA: FXEPRMxx**

The FXEPRMxx PARMLIB member this statement was read from.

**CURRENT APPLYCOUNT:** *apply-count*

The number of function entries that this statement has been applied to so far.

In the message text:

***hhmss***

The time in hours (00 - 23), minutes, and seconds for the DISPLAY command.

## System action

The system continues processing.

## System programmer response

Ensure that the expected APPLYCOUNT is displayed for each listed statement. A value of zero can, for example, indicate one of the following problems:

- The product does not yet support system parameter FXE. Contact the product owner for details.
- The product has not been started yet. The product did not have a chance yet to issue the required service call FXECNTRL REQUEST=APPLYIPLPARM. Issue the DISPLAY command again when the product is active.
- The statement parameters do not match the intended function. Ensure that the vendor, product, and function selectors used on the statement do indeed identify the desired function.

**Note:** A value greater than one (1) typically occurs for statements that contain wildcards in the text based selectors, for example in the function name, and therefore potentially match more than one unique function entry.

## Source

IBM Function Registry for z/OS

## Module

FXEKDSPP

## Routing code

-

## Descriptor code

5



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## Chapter 9. GDE messages

---

**GDE001E** **DISTRIBUTED FILEMANAGER TARGET SYSTEM INITIALIZATION FAILED.** *text*

### Explanation

A problem occurred during initialization of the Distributed FileManager/MVS target function, which was requested via a START command.

In the message text:

#### **text**

One of the following:

#### ***null-message-text***

A system error occurred. Refer to preceding error messages to help determine the specific error and, if applicable, call the IBM Support Center.

#### **ECSA STORAGE COULD NOT BE OBTAINED. *n* HEX BYTES REQUIRED**

A request for ECSA storage could not be fulfilled. *n* indicates the number of ECSA bytes, in hexadecimal, required to initialize the Distributed FileManager/MVS. Increase the size of ECSA by at least *n* hexadecimal bytes and try again.

#### **GDEIGBS COULD NOT BE LOADED. LOAD ABEND CODE=*ccccccc* REASON CODE=*reason-code* ALIAS NAME=*alias-name***

The DFM load module GDEIGBS could not be loaded because of an error detected by the LOAD function while attempting to obtain the address of the alias name CSECT. Check the LOAD abend and reason codes and take corrective action. If no corrective action solves the problem, call the IBM Support Center. (Note that an ABEND code of 99 and a reason code of 99 is set by the Distributed FileManager/MVS to indicate that the alias name loaded was linkedited above 16 megabytes but is required to be linkedited below 16 megabytes.)

### System action

The Distributed FileManager/MVS target function is not activated, except in the case where message GDE006E was issued with CDRA reason code X'FFFFFFFF'. See message GDE006E for details.

### System programmer response

See the abend or reason codes contained in either the message text or in any related console messages. If no corrective action can be taken, contact the IBM Support Center.

### Source

Distributed FileManager/MVS (DFM/MVS)

### Routing code

Note 18

### Descriptor code

5,12

---

**GDE002I** **DISTRIBUTED FILEMANAGER TARGET CONVERSATION INITIALIZATION FAILED FOR ASID=*aaaaaaaa* USERID=*uuuuuuuuu* PRTNRLU=*nnnnnnnnnnnnnnnnnnnn* CONVID=*cccccccc*.** *text*

## Explanation

The Distributed FileManager/MVS was attempting to initialize the DFM target transaction program (TP) in address space *aaaaaaaa* in response to an APPC ALLOCATE request issued from a DFM source system. The DFM target TP initialization ended abnormally.

In the message text:

### ***aaaaaaaa***

The address space identifier (ASID).

### ***uuuuuuuu***

The MVS user ID specified on the conversation allocation request.

### ***nnnnnnnnnnnnnnnnnnnn***

The name of the (partner) logical unit (LU) at which the DFM source server requesting the conversation allocation is located.

### ***cccccccc***

The conversation ID assigned by APPC to this conversation.

### ***text***

One of the following:

#### ***null-message-text***

A system error occurred. Refer to preceding error messages to help determine the specific error and, if applicable, call the IBM Support Center.

#### **PRIVATE STORAGE COULD NOT BE OBTAINED. *n* HEX BYTES REQUIRED**

A request for private storage could not be fulfilled. *n* indicates the number of private storage bytes, in hexadecimal, required to initiate the conversation. Increase the region size of the conversation address space by at least *n* hexadecimal bytes and tell the DFM source LU to try again. The region size can be specified in the TP profile JCL or in the TPDEFAULT REGION(xx) parameter in the ASCHPMxx parmlib member.

#### **ECSA STORAGE COULD NOT BE OBTAINED. *n* HEX BYTES REQUIRED**

A request for ECSA storage could not be fulfilled. *n* indicates the number of ECSA bytes, in hexadecimal, required to initialize the conversation. Increase the size of ECSA by at least *n* hexadecimal bytes and tell the DFM source LU to try again.

#### **ATTACH ERROR. ATTACH RTNCD=*return-code***

An error was detected by the ATTACH function. Check the ATTACH return code and correct the problem. Then tell the DFM source LU to try again.

#### **APPC ERROR. VERB=*vvvvvvvv* RTNCD=*return-code***

An error was detected by an APPC routine. The name of the APPC verb that was being processed is supplied along with the return code from the APPC verb routine. Correct the problem and tell the DFM source LU to try again.

## System action

The conversation is ended. If a system error occurred, an abend is issued, the error is logged in the logrec data set, and a dump is produced and placed in a SYS1.DUMPn data set. In all other cases, an abend is issued but the error is not recorded and no dump is taken.

## System programmer response

Search problem reporting data bases for a fix for the problem. If no fix exists, contact the IBM Support Center. Provide the logrec data set and the dump, if available.

## Source

Distributed FileManager/MVS (DFM/MVS)

**Routing code**

10

**Descriptor code**

6

---

<b>GDE003I</b>	<b>DISTRIBUTED FILEMANAGER TARGET SYSTEM INITIALIZATION COMPLETE</b>
----------------	--

**Explanation**

Initialization of the Distributed FileManager/MVS target function was successful.

**System action**

The Distributed FileManager/MVS is available for use.

**Source**

Distributed FileManager/MVS (DFM/MVS)

**Routing code**

Note 18

**Descriptor code**

5

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<b>GDE004E</b>	<b>DISTRIBUTED FILEMANAGER TARGET CENTRAL ADDRESS SPACE FAILED {IN ASID=aaaaaaaa ASID=aaaaaaaa REASON=bbbbbbbb}</b>
----------------	---

**Explanation**

The main Distributed FileManager/MVS address space, named DFM, ended abnormally in the specified address space identifier (ASID).

**System action**

The Distributed FileManager/MVS DSAS ends. The Distributed FileManager/MVS conversation address spaces continue running. The system logs the error in the logrec data set and produces a dump in the SYS1.DUMPnn data set.

**System programmer response**

Determine the reason for the failure and take corrective action. Other error messages precede this one. Refer to their documentation for corrective action. DFM must be restarted to restore full Distributed FileManager/MVS target function.

**Source**

Distributed FileManager/MVS (DFM/MVS)

**Routing code**

10

## Descriptor code

2,4,12

---

**GDE005I**

**DISTRIBUTED FILEMANAGER TARGET SYSTEM {ALREADY ACTIVE|NOT ACTIVE, START DFM}**

## Explanation

Either an attempt was made to start the Distributed FileManager/MVS target system using the START DFM command, but the target function is already active or an attempt was made to use the DFM/MVS, but the target function is not active and needs to be started.

## System action

If DFM/MVS is already active, the system ignores the START DFM command. If DFM/MVS is not active, jobs requiring target DFM function will end with non-zero return codes.

## Operator response

If DFM/MVS is active, none. If DFM/MVS is not active, enter a START DFM command.

## Source

Distributed FileManager/MVS (DFM/MVS)

## Routing code

10

## Descriptor code

4

---

**GDE006E**

**INVALID [VALUE FOUND FOR] KEYWORD: kkkkkkkk DISTRIBUTED FILEMANAGER TARGET SYSTEM NOT STARTED**

## Explanation

The DFMxx parmlib member contains an incorrect value for the indicated keyword. If the keyword in error is CCSID, a reason code is also provided. See Character Data Representation Architecture (CDRA). For example, RC=00010001 is used by CDRA to indicate that the CCSID is undefined and RC=00060001 is used to indicate that the CDRA resource files needed for data conversion cannot be located.

## System action

DFM will not be started. There is an exception when the keyword is CCSID and the return code is X'FFFFFFFF', indicating that the Language Environment required by CDRA is not present. DFM will be started in a limited function mode that does not support data conversion.

## System programmer response

Correct the DFMxx parmlib member with a correct value for the keyword.

## Source

Distributed FileManager/MVS (DFM/MVS)

**Routing code**

10

**Descriptor code**

4

---

**GDE007E****module ERROR INVOKING FUNCTION: function return\_code  
reason\_code****Explanation**

During DFM DataAgent processing the MVS function shown failed with the indicated return and reason codes .

However, common errors have more specific text. For example, if the DataAgent routine can't be found in JOBLIB, STEPLIB, or LPALIB, "LOCATING MODULE DataAgent\_routine\_name" will be substituted for function, return\_code, and reason\_code.

**System action**

DFM DataAgent processing is terminated.

**Operator response**

Notify your System Programmer.

**System programmer response**

Refer to documentation of the indicated function to determine the meaning of the return and reason codes. Refer to the job log for any related console messages that may have occurred at the time of the error

**Routing code**

10

**Descriptor code**

4



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## Chapter 10. GFSA messages

See Network file system messages in [\*z/OS Network File System Guide and Reference\*](#) for the most current GFSA messages.





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## Chapter 11. GFSC messages

See [Network file system messages](#) in *z/OS Network File System Guide and Reference* for the most current GFSC messages.



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# Chapter 12. GLZ messages

## GLZ Messages

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**GLZB001I** zCX instance *job\_name* initialization is complete. Code date mm/dd/yy.

**Explanation:**

The zCX instance identified by job name *job\_name* completed initialization and is about to begin IPL of Linux®. The code date represents the zCX build level.

**System action:**

The zCX instance is initialized and the Linux guest started IPL.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2,\*

**Descriptor code:**

4, 5

---

**GLZB002I** zCX instance *job\_name* has ended.

**Explanation:**

The zCX instance identified by *job\_name* has begun termination processing.

**System action:**

None.

**Operator response:**

None.

**System programmer response:**

Restart zCX.

**Routing code:**

2,\*

**Descriptor code:**

4, 5

---

**GLZB003I** A zCX instance already exists with job name *job\_name*. zCX instance names must be unique.

**Explanation:**

Another zCX instance is running under job name *job\_name*. zCX instance names must be unique.

**System action:**

The zCX instance ends.

**Operator response:**

Confirm that the correct job with the correct parameters was submitted. Contact the systems programmer as needed.

**System programmer response:**

Determine why an instance is already running. If a new zCX appliance was intended to be created, then change the zCX job name in the corresponding z/OSMF workflow.

**Routing code:**

10, \*

**Descriptor code:**

5

---

**GLZB004I**

**z/OS UNIX service *service* failed, RC=*return\_code* RSN=*reason\_code***

**Explanation:**

A z/OS UNIX service failed. *service* is the z/OS UNIX callable service that failed with return code *return\_code* and reason code *reason\_code*. If an associated path name of the file that is related to the callable service failure exists, it is included at the end of the message.

**System action:**

The zCX instance ends.

**Operator response:**

Contact the system programmer.

**System programmer response:**

See documentation for the corresponding return and reason codes. If necessary, contact IBM support.

**Routing code:**

10, \*

**Descriptor code:**

12

---

**GLZB005I**

**z/OS system service *service* failed, RC=*return\_code* RSN=*reason\_code*  
*optional\_failure\_explanation*.**

**Explanation**

A z/OS system service or an internal zCX function that is called <*srvname*> produced an expected or unexpected failure with the indicated return code *return\_code* and reason code *reason\_code*. An explanation of the failure is provided in *optional\_failure\_explanation*. Some failures are expected while others are not.

In the message text, *optional failure explanation* can be one these explanations:

**Note:** Not all possible explanations are listed here.

Failure explanation and actions
<p><b>Unable to obtain LPAR information.</b></p> <p><b>Explanation:</b> See related GLZ error messages.</p> <p><b>System Action:</b> zCX ended due to failure indicated.</p>
<p><b>Unable to attach Timer service task.</b></p> <p><b>Explanation:</b> See related GLZ error messages.</p> <p><b>System Action:</b> zCX ended due to failure indicated.</p>
<p><b>Unable to create RESMGR for address space.</b></p> <p><b>Explanation:</b> See related GLZ error messages.</p> <p><b>System Action:</b> zCX ended due to failure indicated.</p>

Table 2. Possible optional failure explanations (continued)

**Failure explanation and actions**

**Could not ENQ for STGTEST.**

**Explanation:**

See related GLZ error messages.

**System Action:**

zCX ended due to failure indicated.

**Not enough 1M fixed frames available.**

**Explanation:**

The system failed to allocate the required guest memory to be backed by 1M fixed pages. The most likely reasons are:

- Enough 1M frames are not available in the Large Frame Area (LFAREA).
- The job is associated with a WLM Resource Group with a Memory limit (MEMPOOL) and the total number of current and potential guest storage fixed pages would exceed the MEMPOOL's limit.
- Not enough 1M pages are available even though the LFAREA maximum was not reached.

For more information, see the `<srvname>` return and reason code.

**System Action:**

Based on selected configuration options, a 4K page size allocation might be attempted. If a 4K page size was not selected, then zCX terminates initialization.

**Operator Response:**

Contact the system programmer.

**System Programmer Response:**

See message GLZB024I as it provides the guest storage size that was attempted and what the next frame size (if any) will be attempted. Either:

- See the `<srvname>` return and reason codes for more information about the error.
- Verify the selected guest storage size, and adjust it if necessary.
- Increase the size of the 1M LFAREA.
- If appropriate, increase the size of WLM Resource Group group limit that is associated with the job to accommodate the entire guest storage size.
- If appropriate, increase the amount of real storage available to the system to ensure that there are enough 1M frames.
- To potentially prevent termination, add 4K pages to the list of acceptable page sizes when provisioning the appliance.

Table 2. Possible optional failure explanations (continued)

**Failure explanation and actions**

**Not enough 2G frames available.**

**Explanation:**

The system failed to allocate the guest memory that is required to be backed by 2G fixed pages. The most likely reasons are:

- Not enough 2G frames are available in the Large Frame Area (LFAREA).
- The job is associated with a WLM Resource Group with a Memory limit (MEMPOOL). The total number of in-use fixed pages plus the guest storage fixed pages would exceed the MEMPOOL's limit.

For more information, see the <srvname> return and reason code.

**System Action:**

Based on selected configuration options, a 1M or a 4K page size allocation can be attempted. If neither are selected, then zCX ends initialization.

**Operator Response:**

Contact the system programmer.

**System Programmer Response:**

See message GLZB024I as it provides the guest storage size that was attempted and what the next frame size (if any) will be attempted. Either:

- Verify the selected guest storage size, and adjust it if necessary.
- Increase the size of the 2G LFAREA.
- If appropriate, increase the size of WLM Resource Group group limit that is associated with the job to accommodate the entire guest storage size.
- If appropriate, increase the amount of real storage available to the system to ensure that there are enough 2G frames.
- To potentially prevent termination, add 4K pages to the list of acceptable page sizes when provisioning the appliance.

**LFAREA does not have 2G or 1M pages defined.**

**Explanation:**

The system attempted to allocate the guest memory that is backed by 2G or 1M fixed pages, but a Large Frame Area (LFAREA) is not defined.

**System Action:**

Based on selected configuration options, a 4K page size might be attempted. If 4K was not selected, then zCX ends initialization.

**System Programmer Response:**

See message GLZB024I to determine the page size and guest storage size that was attempted. Either:

- Define an appropriate LFAREA for 2G or 1M pages based on the possible page sizes that are configured for the appliance.
- Correct the appliance configuration if the wrong page size was mistakenly selected.

**System action:**

The zCX instance ends.

**Operator response:**

Contact the system programmer.

**System programmer response:**

If the failing system service begins with the prefix GLZ, refer to [Reason codes for zCX termination message](#) in *z/OS Container Extensions* for the failure explanation text. Otherwise, consult the appropriate product

documentation for the return and reason codes for the given failing system service. If necessary, contact IBM support.

**Routing code:**

10, \*

**Descriptor code:**

12

---

**GLZB007I**

**The z/OS JSON parser could not be initialized.**

**Explanation:**

The z/OS JSON parser needed to parse the zCX startup file could not be initialized.

**System action:**

The zCX instance ends.

**Operator response:**

Contact IBM support.

**System programmer response:**

Contact IBM support.

**Routing code:**

10, \*

**Descriptor code:**

5

---

**GLZB008I**

**The zCX startup file is missing the required option *option*.**

**Explanation:**

The zCX startup file is missing the required option *option*.

**System action:**

The zCX instance ends.

**Operator response:**

Contact the system programmer.

**System programmer response:**

Use the z/OSMF zCX workflow to properly construct the appliance instance startup file.

**Routing code:**

10, \*

**Descriptor code:**

5

---

**GLZB009I**

**Either the array element count for option *option* could not be extracted, or the element count value is not supported.**

**Explanation:**

The zCX startup file option *option* is specified as an array. Either the number of entries in the array could not be extracted, or the element count value is not supported.

**System action:**

The zCX instance ends.

**Operator response:**

Contact the system programmer.

**System programmer response:**

Use the z/OSMF zCX workflow to properly construct the instance startup file.

**Routing code:**

10, \*

**Descriptor code:**





**Explanation:**

The IP address in the zCX instance *job\_name* startup file failed validation.

**System action:**

The zCX instance ends.

**Operator response:**

Contact the system programmer.

**System programmer response:**

Use the z/OSMF zCX workflow to properly construct the instance startup file.

**Routing code:**

10, \*

**Descriptor code:**

5

**GLZB014I**

**The zCX instance startup file option *name* encountered an error.  
*error\_reason*.**

**Explanation**

The zCX instance startup file option *name* encountered the error that is described by *error\_reason*. The possible values for *name* and *error\_reason* are:

<i>Table 3. Possible values for name and error reason</i>	
<b><i>name</i></b>	<b><i>error_reason</i></b>
mtu	Valid values are from 1280 to 65535 inclusive.
ip_address	The length of the text string that specifies the IP address must be between 1-39 characters.
stack_name	The length of the text string that specifies the TCP/IP stack name must be between 1-8 characters.
cpu	It must be a value from 1-64.
mem_gb	It must be a value from 1-1024.
install_path	The length of the text string that specifies the install path must be between 1-255 characters.
dsname	The length of the text string that specifies the dsname must be between 1-44 characters.
purpose	The length of the text string that specifies the disk purpose must be between 1-6 characters.
dump	The length of the text string that specifies the dump location must be between 1-255 characters.
ctrace	The length of the text string that specifies the ctrace parm must be between 1-8 characters.
ffdc_path	The length of the text string that specifies the path name must be between 1-255 characters inclusive.
networks	There must be no more than one network with an IPv4 address and one network with an IPv6 address.
purpose	The value of the text string that specifies the disk purpose must be "root", "config", "data", "dlogs", or "swap".

Table 3. Possible values for name and error reason (continued)

<b>name</b>	<b>error_reason</b>
wfversion	The length of the text string that specifies the workflow version must be between 1-8 characters inclusive.
wfservice	The length of the text string that specifies the workflow service must be between 1-8 characters inclusive.
wfdate	The length of the text string that specifies the workflow date must be between 1-19 characters inclusive.
pageframesize	The value of the text string that specifies the frame size must be "4K", "1M" or "2G."

**System action:**

The zCX instance ends.

**Operator response:**

Contact the system programmer.

**System programmer response:**

Use the z/OSMF zCX workflow to properly construct the instance startup file.

**Routing code:**

10, \*

**Descriptor code:**

5

**GLZB015I** **Not licensed for zCX. <optional why license check failed> Diag=xxxx. <optional why license not being enforced>**

**Explanation**

This message is issued when a zCX instance is not licensed to run on the machine where it was started. "Machine type is not supported" only appears if the machine is not a z14 or higher. Diag = xxxx where xxxx is either a hexadecimal diagnostic code or the text "unavailable" if there is no diagnostic data available. This code is intended for IBM use.

<optional why license check failed> is one of the following:

- Machine type not supported.
- Trial expired.

<optional why license not being enforced> is one of the following:

- A blank line (which implies the license is being enforced)
- The text "Temporary unlicensed use expires mm/dd/yyyy."
- Trial Enabled.

Note: Feature Code 0104 (Container Hosting Foundation) is required by IBM z/OS Container Extensions, and can be ordered on the IBM z14<sup>®</sup> servers from the eConfig fulfillment system. You can contact your sales representatives to obtain the required access to the eConfig system. IBM Container Hosting Foundation for z/OS delivers Monthly License Charge (MLC) pricing to satisfy the requirement for the Z hardware feature code 0104.

**System action:**

The zCX instance terminates.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2, 10, \*

**Descriptor code:**

4, 5

**GLZB016I****zCX instance *job\_name* cannot be started. *reason*.****Explanation**

The zCX instance cannot be started due to the *reason* indicated. The possible values for *reason* are:

1. The name of the startup file must be provided.
2. The name of the startup file must be in the range of 2 - 255 characters (inclusive).

**System action:**

The request to start fails and zCX does not start.

**Operator response:**

Correct the Start command and retry.

**System programmer response:**

Ensure that a properly formatted startup file exists.

**Routing code:**

10

**Descriptor code:**

5

**GLZB017I****The zCX instance *job\_name* is rebooting.****Explanation:**

The zCX instance that is associated with *job\_name* has received a request to reboot the appliance.

**System action:**

The system starts to reboot. Initialization processing is restarted.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2

**Descriptor code:**

4, 5

**GLZB018I**

**zCX instance *jobname* storage check results.**  
**Guest 4K frames requested= *number***  
**SYSEVENT STGTEST reported values:**  
*number1*: Level 1, no real impact.  
*number2*: Level 2, might affect performance.  
*number3*: Level 3, might substantially affect system performance.

**Explanation**

The zCX instance checked the available storage on the system against the requested storage of the appliance to be started.

zCX terminates if starting will have a critical memory impact to the system or the memory pool that the zCX instance is running in. It will continue if the usage will have a minor impact that can cause paging.

**Note:** Regardless of the page frame sizes selected when provisioning the appliance, the values reported in this message are always in terms of 4K page frames. For appliances using a 1M page frame size, consider that there are 256 4K page frames in a 1M page frame.

In the message text:

**jobname**

Is the name of the job this appliance was started.

**storage check results**

Possible values:

- Continues but guest memory size can impact performance.
- Terminates due to guest memory size impacting system availability.

**number**

Is the number of 4K frames to be used for guest memory.

**number1**

SYSEVENT STGTEST value 1. Number of 4K frames available before affecting system performance a little, if at all.

**number2**

SYSEVENT STGTEST value 2. Number of 4K frames available before affecting system performance to some degree. Level where SRM can start paging.

**number3**

SYSEVENT STGTEST value 3. Number of 4K frames available before affecting system performance to some degree. SRM will most likely initiate paging. zCX terminates if this level would be reached.

**System action:**

zCX terminates if its memory usage for the guest exceeds the SYSEVENT STGTEST value 3 indicating a substantial impact to the system or memory pool. It continues if below the value but raises a warning through this message if it would be above STGTEST value 1 indicating some effect.

**Operator response:**

Contact the system programmer.

**System programmer response:**

Consider either increasing the memory available to run all the concurrent workloads to avoid a system impact, or decrease the size of the storage that is defined for the zCX instance or instances. If the appliance is running in a WLM resource group with a memory limit, that is, a memory pool, consider increasing the memory limit.

**Routing code:**

10

**Descriptor code:**

12

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**GLZB019I**

**zCX instance *jobname* terminating due to guest memory size impacting system availability.**

**Guest 4K frames requested: xxxxxxxx**

**Current number of fixed frames:yyyyyyyyy**

**Current fixed frame warning level: zzzzzzzz**

**Explanation**

zCX terminated because it determined that it would have caused a critical memory impact to the system or memory pool due to its required amount of fixed storage.

**Note:** Regardless of the page frame sizes selected when provisioning the appliance, the values reported in this message are always in terms of 4K page frames. For appliances using a 1M page frame size, consider that there are 256 4K page frames in a 1M page frame.

In the message text:

**jobname**

Is the job name of the zCX instance.

**xxxxxxxx**

Is the number of 4K frames to be used for the guest memory.

**yyyyyyyy**

The current amount of fixed storage in 4K increments.

**zzzzzzzz**

The current system warning level in 4K increments. When above this level, the system takes action to prevent new work from starting and swaps out current work.

**System action:**

The zCX instance is terminated.

**Operator response:**

Contact the system programmer.

**System programmer response:**

Consider either increasing the memory available to run all the concurrent workloads to prevent a system impact, or decrease the size of the storage that is defined for the zCX instance or instances. If the appliance is running in a WLM resource group with a memory limit, that is, a memory pool, consider increasing the memory limit.

**Routing code:**

10

**Descriptor code:**

12

**GLZB020I****The zCX instance *job\_name* failed to enable trial mode.****Explanation:**

The zCX instance cannot be started. Check for accompanying messages for additional information.

**System action:**

The system will not start zCX.

**Operator response:**

None.

**System programmer response:**

Determine the cause of the failure, fix the problem and restart the instance.

**Routing code:**

10

**Descriptor code:**

5

**GLZB021I****The zCX instance *jobname* can run in trial mode for *num\_days* more day(s).****Explanation:**

zCX is running in a trial. This zCX can continue to be started in trial mode for the number of days indicated.

**System action:**

The system will run zCX.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

11

**Descriptor code:**

**GLZB022I**

**zCX instance *jobname* version information**  
**Bootloader: *bootloader* version information**  
**Current Appliance: *current appliance* version information**  
**Available Appliance: *available appliance* version information**  
**Virtualization Layer: *virtualization layer* version information**  
**Started on *yyyy/mm/dd hh:mm:ss***  
**Workflows Performed:**  
**Provision: *provision workflow* version information**  
**Reconfigure: *reconfigure workflow* version information**  
**Upgrade: *upgrade workflow* version information**  
**Add Data Disks: *add data disks workflow* version information**

**Explanation**

zCX is reporting for instance *job\_name* the version information for each of its parts. GLZB022I is issued during instance initialization, as well as in response to the MODIFY *job\_name*, DISPLAY,VERSION command. This includes:

**Bootloader**

Version information for the first bootloader that started the appliance.

**Current Appliance**

Version information for the appliance level with which the current instance is provisioned.

**Available Appliance**

Version information for the appliance level that is installed in the active installation path. If this does not match the current appliance version, then a newer appliance is available on this system. The upgrade workflow can be used on this appliance to install the newer version.

**Virtualization Layer**

Version information for the virtualization layer, as well as the date and time that this instance started.

**Workflows Performed**

Version information for the provision, reconfigure, upgrade, and add data disks workflows that are used on the current appliance. This information represents the most recently used version of each workflow. The version information indicates "N/A" if a workflow has not been used or if version information is not available.

**System action:**

Processing continues.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

11/2

**Descriptor code:**

6/5

**GLZB023I**

**zCX instance < *jobname* >**  
**Guest storage size < *numgb* > GB.**  
**Backed by < *numpages* > < *pagesize* > pages.**

**Explanation**

The zCX guest storage size of < *numgb* > GB backed by < *numpage* > pages of size < *pagesize* > was allocated successfully. However, when using a 4K page size, the system has not yet fixed the pages. In the message:

**< *jobname* >**

The name of the job for the zCX instance that is starting.

**<numgb>**

The guest storage size, which is the amount of memory in GB used to back the guest.

**<numpages>**

The number of pages of <pagesize> that would be required based on the <stgsize> and <pagesize>.

**<pagesize>**

Is one of the following:

- "2G fixed"
- "1M fixed"
- "4K pageable then fixed"

**System action:**

Processing continues.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

11

**Descriptor code:**

6

**GLZB024I**

**zCX instance < jobname> attempted guest storage size < stgsize> GB backed by < numpages> < pagesize> pages.  
zCX guest page size restriction:  
< fillin values>**

**Explanation**

The appliance configuration specifies that only a 2G page size can be used to back the guest storage. However, backing the guest with 2G pages is not supported when z/OS is a z/VM® guest. In the message:

**<jobname>**

The name of the job for the zCX instance that is starting.

**<stgsize>**

The guest storage size specified during provisioning.

**<numpages>**

The number of pages of <pagesize> that would be required based on the <stgsize> and <pagesize>.

**<pagesize>**

One of the page frame sizes selected during provisioning.

**<fillin values>** can be one of the following:

Table 4. Possible values for <fillin values>

**Value and explanation**

**2G pages not supported on z/VM. Terminating.**

**Explanation:**

The appliance configuration specifies that only a 2G page size can be used to back the guest storage. However, backing the guest with 2G pages is not supported when z/OS is a z/VM guest.

**System Action:**

zCX terminates.

**Operator Response:**

Notify the system programmer.

**System Programmer Response:**

Reconfigure the appliance page frame size with 1M and/or 4K pages to accommodate a z/VM environment.

**Routing code:**

2

**Descriptor code:**

4, 5

**2G pages not supported on z/VM. Trying 1M fixed.**

**Explanation:**

The appliance configuration specifies that 2G as well as 1M page sizes can be used to back the guest storage. 2G pages are always attempted first. However, a 2G page size is not supported when z/OS is a z/VM guest. zCX will attempt a 1M page size.

**System Action:**

zCX attempts a 1M page size.

**Operator Response:**

None.

**System Programmer Response:**

If the appliance is never intended to be used on a native z/OS LPAR, then remove the 2G page frame size from the appliance configuration. Review the zCX documentation to ensure you are choosing the appropriate page frame size that fits your needs.

**Routing code:**

2

**Descriptor code:**

4, 5



Table 4. Possible values for <fillin values> (continued)

**Value and explanation**

**2G pages not supported on z/VM. Trying 4K pageable then fixed.**

**Explanation:**

The appliance configuration specifies that a 2G or 4K page size can be used to back the guest storage. 2G is always attempted first. However, a 2G page size is not supported when z/OS is a z/VM guest. zCX will attempt a 4K page size.

**System Action:**

zCX attemptst a 4K page size.

**Operator Response:**

None.

**System Programmer Response:**

If the appliance is never intended to be used on a native z/OS LPAR, then remove the 2G page frame size from the appliance configuration. Review the zCX documentation to ensure you are choosing the appropriate page frame size that fits your needs.

**Routing code:**

2

**Descriptor code:**

4, 5

**LFAREA 2G max would be exceeded. Terminating.**

**Explanation:**

The appliance configuration specifies that only a 2G page size can be used to back the guest storage, but there is not enough space in the 2G Large Frame Area (LFAREA).

**System Action:**

zCX terminates.

**Operator Response:**

None.

**System Programmer Response:**

Determine why the required number of 2G pages were not available. Validate the guest storage size as it might be larger than intended. Review the zCX documentation that is related to how to choose a page size and how the LFAREA needs to be updated when a 2G page size is chosen.

**Routing code:**

2

**Descriptor code:**

4, 5

Table 4. Possible values for <fillin values> (continued)

**Value and explanation**

**LFAREA 2G max would be exceeded. Trying 1M fixed.**

**Explanation:**

The appliance configuration specifies that at least a 2G or 1M page size can be used to back the guest storage. The system will attempt a 1M page size because there is not enough space in the 2G LFAREA.

**System Action:**

zCX will attempt a 1M page size.

**Operator Response:**

Notify the systems programmer.

**System Programmer Response:**

Determine why the required number of 2G pages were not available. Validate the guest storage size as it might be larger than intended. Review the zCX documentation related to how to choose a page size and how the LFAREA needs to be updated when choosing a 2G page size.

**Routing code:**

2

**Descriptor code:**

4, 5

**2G pages but not multiple of 2G. Terminating.**

**Explanation:**

When a 2GB page frame size is used to back the guest, they can only be allocated in multiples of 2GB, but the guest storage is not a multiple of 2GB. No other page size was selected to be attempted.

**System Action:**

zCX attempts a 1M page size.

**Operator Response:**

Notify the systems programmer.

**System Programmer Response:**

Correct the guest storage size so it is a multiple of 2GB, or allow 1M or 4K page sizes.

**Routing code:**

2

**Descriptor code:**

4, 5

**2G pages but not multiple of 2G. Trying 1M fixed.**

**Explanation:**

When a 2G page frame size is used to back the guest, they can only be allocated in multiples of 2GB, but the guest storage is not a multiple of 2GB. As the appliance configuration specifies that a 1M page size can also be used, the system attempts a 1M page size.

**System Action:**

zCX will not use a 2G page size to back the guest. A 1M page size is attempted.

**Operator Response:**

Notify the systems programmer.

**System Programmer Response:**

Correct the guest storage size so it is a multiple of 2GB.

**Routing code:**

2

**Descriptor code:**

4, 5

Table 4. Possible values for <fillin values> (continued)

**Value and explanation**

**2G pages but not multiple of 2G. Trying 4K pageable then fixed.**

**Explanation:**

When a 2GB page frame size is used to back the guest, they can only be allocated in multiples of 2GB, but the guest storage is not a multiple of 2GB. As the appliance configuration specifies that a 4K page size can also be used, the system attempts a 4K page size.

**System Action:**

zCX will not use a 2GB page size to back the guest. A 4K page size is attempted.

**Operator Response:**

Notify the systems programmer.

**System Programmer Response:**

Correct the guest storage size so it is a multiple of 2GB.

**Routing code:**

2

**Descriptor code:**

4, 5

**LFAREA 1M max would be exceeded. Trying 4K pageable then fixed.**

**Explanation:**

The appliance configuration specifies that at least a 1M or 4K page size can be used to back the guest storage. The system attempts a 4K page size because there is not enough space in the 1M LFAREA.

**System Action:**

zCX attempts a 4K page size next.

**Operator Response:**

Notify the systems programmer.

**System Programmer Response:**

Validate the guest storage size as it might be larger than intended. Review the zCX documentation that is related to how to choose a page size and how the LFAREA needs to be updated when choosing 1M pages.

**Routing code:**

2

**Descriptor code:**

4, 5

**LFAREA 1M max would be exceeded. Terminating.**

**Explanation:**

The system could not use a 1M page size to back the guest because there is not enough space in the 1M LFAREA. A 4K page size was not selected when the appliance was configured.

**System Action:**

zCX terminates.

**Operator Response:**

Notify the systems programmer.

**System Programmer Response:**

Validate the guest storage size as it might be larger than intended. Review the zCX documentation that is related to how to choose a page size and how the LFAREA needs to be updated when 1M pages are chosen.

**Routing code:**

2

**Descriptor code:**

4, 5

Table 4. Possible values for <fillin values> (continued)

**Value and explanation**

**2G or 1M pages not supported on zPDT®. Trying 4K pages.**

**Explanation:**

The system cannot use a 1M page size to back the guest because there is not enough space in the 1M LFAREA. A 4K page size was not selected when the appliance was configured.

**System Action:**

zCX attempts to allocate storage using 4K pages.

**Operator Response:**

Notify the systems programmer.

**System Programmer Response:**

Reconfigure the workflow to provision only 4K page frame size, if necessary.

**Routing code:**

2

**Descriptor code:**

4, 5

**2G or 1M pages not supported on zPDT. Terminating.**

**Explanation:**

zCX does not support 2G or 1M pages on a zPDT system.

**System Action:**

zCX terminates.

**Operator Response:**

Notify the systems programmer.

**System Programmer Response:**

Reconfigure the workflow to provision guest memory using only 4K page frame size.

**Routing code:**

2

**Descriptor code:**

4, 5

**System action:**

Processing continues.

**Operator response:**

Follow the response specific to the <fillin values> in the above table.

**System programmer response:**

Follow the response specific to the <fillin values> in the above table. If necessary, call IBM.

**Routing code:**

11

**Descriptor code:**

6

**GLZB025I**

**zCX instance <jobname>: Initialization is starting. Code date <mm/dd/yy>.**

**Explanation**

The zCX initialization process started. The date <mm/dd/yy> is the most recent compiled code date of any module in the zCX code.

**System action:**

The system continues zCX initialization.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

11

**Descriptor code:**

6

---

**GLZB026I**

**zCX instance <jobname>: Consider reconfiguring the appliance:  
Guest page frame size not selected, 4K being used.**

**Explanation**

Since the appliance was last configured, support was added to allow the choice of the best z/OS page frame size to back the guest storage. A page frame size other than 4K might be more appropriate for your workload.

**System action:**

The system continues using a 4K page frame size to back the guest storage.

**Operator response:**

Notify the system programmer.

**System programmer response:**

Review the zCX documentation on how to choose a page frame size and reconfigure the appliance.

**Routing code:**

4, 5

**Descriptor code:**

2

---

**GLZB027I**

**zCX instance <jobname>: <initialization phase>**

**Explanation**

zCX proceeded to the next specified phase of the initialization process. In the message:

**<initialization phase>**

The phase can be one of the following:

- Allocating Linux guest memory.
- Loading Linux image.
- Starting virtual CPUs.
- IPLing guest and starting Docker services.

**System action:**

The system continues zCX initialization with the indicated phase.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

11

**Descriptor code:**

6

---

**GLZB028I****zCX instance <jobname>: Guest memory size cannot be accommodated. Maximum guest memory virtual storage address would exceed: <hardware limit>****Explanation**

The instance failed to instantiate because there is not enough contiguous high private virtual storage in the zCX instance address space to accommodate the guest memory size. The <hardware limit> is the highest virtual address that can be used. The instance must be re provisioned using a smaller guest memory size so it fits. In the message:

**<jobname>**

The name of the zCX instance.

**<hardware limit>**

The highest virtual address that the hardware can support for the guest memory. A value of 0 indicates that the limit might not be determined but the condition is still valid.

**System action:**

zCX instance terminates.

**Operator response:**

Consult the system programmer.

**System programmer response:**

The guest virtual memory must be contiguous and fit in the high virtual user region. The two sections of the high virtual user region are below and above the high virtual common and shared areas. The <hardware limit> determines which sections of the user region can be used. The subset of the high user region that is below the <hardware limit> might not be available for guest memory use due to other system usage of high virtual private in the address space. You might be able to decrease the size of HVCOMMON or HVSHARE to increase the size of the private area below the hardware virtual storage range. Doing so will accommodate a larger guest size but requires an IPL and that the storage is available. For further discussion of the address space virtual storage map and high virtual private and what system parameters that affect it, see the [z/OS MVS Initialization and Tuning Reference](#).

**Routing code:**

2, 10, 11

**Descriptor code:**

5

---

**GLZC001I****Command not recognized.****Explanation:**

The command is not recognized.

**System action:**

The command is not processed.

**Operator response:**

Correct and re-enter the command.

**System programmer response:**

Correct and re-enter the command.

**Routing code:**

\*

**Descriptor code:**

5

---

**GLZC002I****DUMP option is {missing|incorrect}.****Explanation:**

The DUMP option is missing or incorrect.

**System action:**

The command is not processed.

**Operator response:**

Correct and re-enter the command.

**System programmer response:**

Correct and re-enter the command.

**Routing code:**

\*

**Descriptor code:**

5

**GLZC003I**

**Configuration information for zCX instance *job\_name*: *text*.**

**Explanation**

In response to a MODIFY command with the parameters DISPLAY,CONFIG directed to zCX instance *job\_name*, the system displays configuration information for zCX instance *job\_name* as follows:

*Table 5. Configuration information as displayed by the system*

Label	Variable
File Path	<i>file_path</i>
FFDC Path	<i>ffdc_path</i>
Dump Path	<i>dump_path</i>
Memory Size	<i>memory_size</i>
Number of CPUs	<i>number_cpus</i>
Number of Disks	<i>number_disks</i>
Number of Networks	<i>number_networks</i>
CTRACE Parmlib Member	<i>member_name</i>
Memory Page Size	<i>memory_page_size</i>
Memory Pages	<i>memory_pages</i>

- *job\_name*: The job name of the current zCX instance
- *file\_path*: The configuration file path
- *ffdc\_path*: The directory where first failure data capture (FFDC) files are stored
- *dump\_path*: The dump file path
- *memory\_size*: The amount of memory that is provided to the Linux guest
- *number\_cpus*: The number of virtual CPUs for this zCX instance
- *number\_disks*: The number of disks defined for this zCX instance
- *number\_networks*: The number of network connections defined for this instance
- *member\_name*: The CTRACE parmlib member for this zCX instance
- *memory\_page\_size*: The number of memory pages defined for this instance
- *memory\_pages*: The memory page size is one of 2G, 1M or 4K defined for this instance

The following example shows what the system might display for zCX instance ZCX233 when the operator enters the MODIFY ZCX233, DISPLAY, CONFIG command:

```
GLZC003I Configuration information for zCX instance ZCX233
File Path: /u/ocoz/zcx_instances/ZCX233/start.json
```

```

FFDC Path: /u/ocoz/zcx_instances/ZCX233/FFDC
Dump Path: /u/ocoz/zcx_instances/ZCX233/FFDC/zcx-guest.dmp
Memory Size: 2GB
Number of CPUs: 4
Number of Disks: 5
Number of Networks: 1
CTRACE Parmlib Member: CTIGLZ00
Memory Pages: 2048
Memory Page Size: 1M fixed

```

**System action:**

None.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

\*

**Descriptor code:**

5

---

**GLZC004I**

**Disk information for zCX instance *job\_name*: *text*.**

**Explanation**

The system displays disk information for zCX instance *job\_name* as follows, with additional rows for each disk:

<i>Table 6. Disk information as displayed by the system</i>			
<b>DevNo</b>	<b>Size</b>	<b>Encrypted?</b>	<b>Data set name</b>
<i>device_number</i>	<i>disk_size</i>	<i>disk_encrypted</i>	<i>dataset_name</i>

Total number of disks: *number\_disks*

- *job\_name*: The job name of the current zCX instance
- *device\_number*: The device number for this disk
- *disk\_size*: The size of this disk (units follow)
- *disk\_encrypted*: Whether the disk is encrypted. Possible values are Yes, if the disk is encrypted and No, if the disk is not encrypted.
- *dataset\_name*: The data set name for this disk

**System action:**

None.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

\*

**Descriptor code:**

5

---

**GLZC005I**

**Network information for zCX instance *job\_name*: *text***

**Explanation**

The system displays network information for zCX instance *job\_name* as follows, with more rows for each device:



Table 7. Network information as displayed by the system

DevNo	Stack	MTU	IP Address
<i>device_number</i>	<i>stack_name</i>	<i>max_message_size</i>	<i>ip_address</i>

Total number of networks: *number\_networks*

- *job\_name*: The job name of the current zCX instance
- *device\_number*: The device number for this disk
- *stack\_name*: The TCP/IP stack name for this network connection
- *max\_message\_size*: The maximum message size for this network
- *ip\_address*: The IP address for this network connection
- *number\_networks*: The number of network connections defined for the zCX instance.

**System action:**

None.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

\*

**Descriptor code:**

5

**GLZC006I**

**A stop command for zCX instance *job\_name* has been accepted.**

**Explanation:**

The zCX instance *job\_name* accepted the stop command and began stop processing.

**System action:**

The zCX instance begins stop processing.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2, \*

**Descriptor code:**

4,5

**GLZC007I**

**A stop command is already in progress for zCX instance *job\_name*.**

**Explanation:**

A stop command is already in progress for zCX instance *job\_name*.

**System action:**

The stop command is ignored.

**Operator response:**

None.

**System programmer response:**

If the zCX instance does not stop normally, use the FORCE command to terminate the instance.

**Routing code:**

\*

**Descriptor code:**

5

**GLZC008I****Disk Version information for zCX instance *job\_name*.****Explanation**

This message is issued in response to an F *job\_name*,display,diskver command.

<i>Table 8. Disk version information as displayed by the system</i>		
DevNo	Data Set Name	Version
<i>device_number</i>	<i>dataset_name</i>	<i>version</i>

*root\_info*Total number of networks: *number\_networks*

- *device\_number*: The device number for this disk
- *dataset\_name*: The data set associated with the disk
- *version*: The version information provided in the data set
- *root\_info*: Additional information provided for root disk only

**System action:**

The system displays the disk devices that are associated with the zCX instance. Additionally, it displays Version information. For root disks, an extra line of version information is present. This extra line is only available for the root.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

\*

**Descriptor code:**

5

**GLZC009I****Stop command rejected. zCX instance *job\_name* is not ready to accept a Stop command.****Explanation:**

The Stop command was rejected. The command was issued too soon after the Start command.

**System action:**

The Stop command is rejected. The zCX instance continues processing.

**Operator response:**

Re-issue the command after message GLZM004I has been issued, or use the Force command to terminate the instance.

**System programmer response:**

None.

**Routing code:**

10, \*

**Descriptor code:**

5

**GLZC010I****A Dump Guest command for zCX instance *job\_name* has been accepted.****Explanation:**

A Dump Guest command for the zCX instance indicated is accepted. A dump file is written to the dump path of the instance configuration file.

**System action:**

The zCX instance continues processing.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2

**Descriptor code:**

4,5

---

**GLZC011I** **A complete dump of the guest memory for zCX instance *job\_name* has been written to file *dumppath*.**

**Explanation:**

The Dump Guest command for the zCX instance is complete. The dump file is written to *dumppath*.

**System action:**

The zCX instance continues processing.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2

**Descriptor code:**

4, 5

---

**GLZC012I** **A dump of the guest memory for zCX instance *job\_name* has failed.**

**Explanation:**

The dump guest command for the zCX instance failed. Verify that the dump path exists and can be written to by the zCX user ID.

**System action:**

The zCX instance continues processing.

**Operator response:**

Check the operator console to understand what caused the failure.

**System programmer response:**

None.

**Routing code:**

2

**Descriptor code:**

4,5

---

**GLZM001I** **CTRACE option *option* is not valid.**

**Explanation:**

The option *option* is not valid.

**System action:**

The zCX instance does not use the specified CTRACE parmlib member.

**Operator response:**

None.

**System programmer response:**

Correct the specified option in the CTRACE parmlib member used by the zCX instance.

**Routing code:**

10, \*

**Descriptor code:**

12

---

**GLZM002I** CTRACE parmlib member *member\_name* could not be used. Switching to member CTIGLZ00.

**Explanation:**

CTRACE parmlib member *member\_name* is invalid. Default member CTIGLZ00 will be used instead.

**System action:**

Member CTIGLZ00 will be used as the CTRACE parmlib member.

**Operator response:**

None.

**System programmer response:**

Verify the parmlib member *member\_name* exists. Adjust as necessary.

**Routing code:**

10, \*

**Descriptor code:**

12

---

**GLZM003I** CTRACE parmlib member CTIGLZ00 could not be used. Switching to the default settings.

**Explanation:**

CTRACE parmlib member CTIGLZ00 could not be used. Switching to the default settings.

**System action:**

The default parmlib member settings are used.

**Operator response:**

None.

**System programmer response:**

Correct the unusable CTIGLZ00 parmlib member. Reset the CTRACE using the TRACE CT command, or restart the zCX appliance instance that uses the CTIGLZ00 parmlib member or another parmlib member containing valid zCX CTRACE configuration options.

**Routing code:**

10, \*

**Descriptor code:**

12

---

**GLZM004I** zCX Docker services for instance *job\_name* are available.

**Explanation:**

zCX Docker services for instance *job\_name* are available.

**System action:**

None.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2/\*

**Descriptor code:**

4/5

---

**GLZM005I** zCX Docker services for instance *job\_name* are not available.**Explanation:**

zCX Docker services for instance *job\_name* are not available. See accompanying messages in the appliance job log. This message is expected when the STOP command is issued.

**System action:**

All containers that are running in the zCX instance are terminated. No Docker commands can be issued at this point.

**Operator response:**

If this message was not issued in response to a STOP command, issue the STOP command to the zCX instance and restart the instance.

**System programmer response:**

Check for accompanying messages generated from this job. Correct the problem and retry. Contact IBM service for help if necessary.

**Routing code:**

2/\*

**Descriptor code:**

4/5

---

**GLZM006I** zCX instance *job\_name* memory utilization exceeded threshold. Utilization is *percent%*.**Explanation:**

The zCX instance *job\_name* is using *percent%* of the memory that is configured for it. If the memory utilization reaches 100%, the zCX instance might restart.

**System action:**

The zCX instance continues processing.

**Operator response:**

Report this problem to the zCX appliance instance docker administrator.

**System programmer response:**

None.

**Routing code:**

2, 10, \*

**Descriptor code:**

4

**Docker Administrator Response:**

Reduce memory utilization. Some possible short-term actions are: Stop one or more containers that are running in the zCX instance. Stop and restart the zCX instance. Long-term actions might include: Reduce the number of containers running in the zCX instance. Reconfigure the zCX instance to have more memory. Reconfigure the zCX instance to have more SWAP disk volumes.

---

**GLZM007I** zCX instance *job\_name* memory utilization is below threshold. Utilization is *percent%*.**Explanation:**

The zCX instance memory utilization exceeded the threshold, but is now below the threshold. The memory utilization fell to *percent%*.

**System action:**

The zCX instance continues processing.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2,\*

**Descriptor code:**

4

**GLZM008I****zCX instance *job\_name* is starting failure data for appliance alert:  
*alert\_message*.****Explanation:**

The zCX instance *job\_name* is about to copy failure data from the appliance to the z/OS UNIX file system. The data is stored in the directory specified for the *ffdc-path* option in the startup file. The *alert\_message* describes the reason why the data was collected.

**System action:**

The zCX instance continues processing.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2

**Descriptor code:**

4

**GLZM009I****zCX instance *job\_name* stored failure data:  
Size=*file\_size*  
Checksum=*file\_checksum*  
File name=*file\_name*  
Directory=*ffdc-path*****Explanation:**

The zCX instance *job\_name* has copied failure data from the appliance to the z/OS UNIX file system. In the directory *ffdc-path*, the file *file\_name* was stored. The size of the file is *file\_size*. The checksum for the file is *file\_checksum*. The size of the file and the checksum can be used to verify that no data is lost when the file is moved to another location.

**System action:**

The zCX instance continues processing.

**Operator response:**

Contact the system programmer.

**System programmer response:**

Review the alert described in message GLZM008I. Contact IBM support for help if necessary.

**Routing code:**

2

**Descriptor code:**

4

**GLZM010I****zCX instance *job\_name* failed to copy failure data from the DLOG device  
to the z/OS UNIX file system.  
*reason\_text***

## Explanation

The zCX instance *job\_name* failed to copy failure data from the appliance to the z/OS UNIX file system. The possible values for *reason\_text* are:

- The length of the alert message was 0 or greater than 1024.
- The DLOG device was not found.
- FFDC path name was not specified in the startup file.
- The length of the file name was 0 or greater than 255.
- The length of the output file path was greater than 1023.
- Storage could not be obtained.
- The output file could not be opened.
- The DLOG device could not be read.
- The output file could not be written.

### System action:

The zCX instance continues processing.

### Operator response:

Contact the system programmer.

### System programmer response:

Check the job log for more messages. GLZB004I or GLZB005I is issued in some cases. For output file problems, such as running out of space or no authorization, correct the problem. Contact IBM support for help if necessary.

### Routing code:

2

### Descriptor code:

4

---

## GLZM011I

**zCX instance *job\_name* alert: *resource severity*. Utilization at *percent%*.**

### Explanation

In the message:

#### *job\_name*

The job name of the zCX instance.

#### *resource*

The resource being monitored as indicated in the alert message. This can be: "memory", "swap disk", "root disk", or "data disk."

#### *severity*

The new severity of the resource being monitored. This can be: "critical", "warning", or "normal."

#### *percent%*

The current utilization percentage of the monitored resource. This is an integer.

zCX is reporting for instance *job\_name* that the utilization of resource *resource* has significantly changed. The message shows the resource name and current utilization as a percentage. If the resource is exhausted, the zCX instance may unexpectedly fail. To prevent this, review the System Programmer Actions below.

The *severity* and *percent* are related in the following ways:

- Severity "normal" has utilization of 0%-69%
- Severity "warning" has utilization of 70%-84%
- Severity "critical" has utilization of 85%-100%

A message of type "normal" will be issued if:

- Utilization is < 70% and the last severity was "critical"

OR

- Utilization is <= 65% and the last severity was "warning"

A message of type "warning" will be issued if:

- Utilization is >= 70% and < 85% and the last severity was "normal"

OR

- Utilization is <= 80% and the last severity was "critical"

A message of type "critical" will be issued if:

- utilization is >= 85% and the last severity was "warning" or "normal"

**System action:**

The zCX instance continues processing.

**Operator response:**

Notify the systems programmer.

**System programmer response**

If these messages cause concern, please engage your Docker administrator/Linux system programmer to select a Linux monitoring tool of choice to perform further analysis.

Possible remedial actions for critical and warning severity messages are dependent on the resource involved:

- For Memory: Stop running containers. Add memory via "reconfigure" workflow.
- Swap disk: Stop running containers. Add swap disk(s) via "add disk" workflow.
- Root disk: Resize root disk via "upgrade" workflow.
- Data disk: Remove data files. Prune stale container images. Remove unneeded docker volumes. Add data disks via "add disk" workflow.

Note that running out of memory, swap disk, or root disk space may cause the zCX instance to fail. Running out of data disk space may cause containers within the instance to fail.

**Routing code:**

2,11

**Descriptor code:**

6

---

**GLZN001I**

***network\_type network at IP@=ip\_address failed to initialize  
RC=return\_code RSN=reason\_code for zCX instance job\_name.***

**Explanation:**

The *network\_type* of IPv4 or IPv6 at IP address *ip\_address* failed to initialize for zCX instance *job\_name*.

**System action:**

Network services are not available for this IP address. If no networks are available, the instance terminates.

**Operator response:**

See Chapter 3 in the *z/OS Communications Server: IP and SNA Codes* for an explanation of the codes. Data link control (DLC) status codes explain the meaning of the return codes and reason codes in the message. Contact your system programmer for additional assistance as necessary.

**System programmer response:**

See Chapter 3 in the *z/OS Communications Server: IP and SNA Codes* for an explanation of the codes. Data link control (DLC) status codes explain the meaning of the return codes and reason codes in the message.

**Routing code:**

10, \*

**Descriptor code:**

5



---

**GLZN002I**

***network\_type* network at IP@=*ip\_address* failed to confirm a connection after multiple attempts for zCX instance *job\_name*.**

**Explanation:**

The *network\_type* of IPv4 or IPv6 at IP address *ip\_address* failed to confirm that the zCX instance *job\_name* is connected to the network.

**System action:**

Network services are not available for this IP address. If no networks are available, the instance terminates.

**Operator response:**

None.

**System programmer response:**

See Chapter 3 in the *z/OS Communications Server: IP and SNA Codes* for an explanation of the codes. Data link control (DLC) status codes explain the meaning of the return codes and reason codes in the message. Check for possible messages from Communications Server. Restart the zCX instance if necessary.

**Routing code:**

10,\*

**Descriptor code:**

5

---

**GLZN003I**

***network\_type* network at IP@=*ip\_address* disconnected for zCX instance *job\_name*.**

**Explanation:**

The *network\_type* of IPv4 or IPv6 at IP address *ip\_address* failed to (re)connect for *job\_name*.

**System action:**

The network remains disconnected.

**Operator response:**

None.

**System programmer response:**

Determine and correct the source of the network problem. See Chapter 3 in the *z/OS Communications Server: IP and SNA Codes* for an explanation of the codes. Re-establish network connectivity and then re-start the server instance.

**Routing code:**

10

**Descriptor code:**

4

---

**GLZN004I**

**zCX instance *job\_name* failed network connection at IP@=*ip\_address*. Attempt *attempt* of *total\_attempts* will be retried.**

**Explanation:**

The server instance that is associated with *job\_name* is attempting to reconnect to the network. It will retry the total number of times indicated.

**System action:**

The server instance tries to reconnect the network. There is a delay between attempts to allow the network to recover network issues itself.

**Operator response:**

None.

**System programmer response:**

No action is necessary. It might be helpful to understand the reason for the network disconnect.

**Routing code:**

10

**Descriptor code:**

4

---

**GLZN005I*****network\_type* network at IP@=*ip\_address* successfully reconnected for zCX instance *job\_name*.****Explanation:**

The *network\_type* of IPv4 or IPv6 at IP address *ip\_address* has been reconnected.

**System action:**

The system continues.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

10

**Descriptor code:**

4

---

**GLZS001I*****zCX* instance *job\_name* entered a disabled wait state. PSW=*psw0-3 psw4-7 psw8-11 psw12-15*****Explanation**

*zCX* instance *job\_name* entered a disabled wait state. The PSW information is as follows:

- *psw0-3*: Bytes 0 - 3 of the program status word (PSW)
- *psw4-7*: Bytes 4 - 7 of the program status word (PSW)
- *psw8-11*: Bytes 8 - 11 of the program status word (PSW)
- *psw12-15*: Bytes 12 - 15 of the program status word (PSW)

**System action:**

The *zCX* instance terminates.

**Operator response:**

Attempt to restart the *zCX* instance.

**System programmer response:**

Call IBM Service.

**Routing code:**

10, \*

**Descriptor code:**

4

---

**GLZV001I****MMSRV CONNECT service failed RC=*return\_code*, DSN=*dataset\_name*.****Explanation:**

The MMSRV CONNECT service failed with the indicated return code and data set name.

**System action:**

The *zCX* instance terminates.

**Operator response:**

None.

**System programmer response:**

Look for accompanying DFSMS messages. Investigate the cause of the MMSRV failure that uses the return code. Adjust accordingly. Check for possible IEC161I message for a VSAM OPEN error.

**Routing code:**

10,\*

**Descriptor code:**

5

---

**GLZV002I** zCX instance *job\_name* is formatting available space for use by DSN=*dataset\_name*.

**Explanation:**

The system is formatting unused space in the named data set to make the full capacity available.

**System action:**

None.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2,\*

**Descriptor code:**

4.5

---

**GLZV003I** zCX instance *job\_name* formatting complete for DSN=*dataset\_name*.

**Explanation:**

The system completed formatting of the named data set.

**System action:**

None.

**Operator response:**

None.

**System programmer response:**

None.

**Routing code:**

2, \*

**Descriptor code:**

4, 5

---

**GLZV004I** zCX instance *job\_name* cannot be started. VSAM data set *dataset\_name* is corrupted.

**Explanation:**

zCX was unable to use the data set requested in the appliance startup file. The data set was found, but zCX was unable to recognize the contents of the data set as its own.

**System action:**

The zCX instance that is identified by *job\_name* terminates.

**Operator response:**

None.

**System programmer response:**

Correctly provision the VSAM data set that uses the zCX workflows.

**Routing code:**

10, \*

**Descriptor code:**

5

GLZV005I

**zCX instance *job\_name*: *mm\_sr* service failed RC=*return\_code*,  
DSN=*dataset\_name*.**

**Explanation:**

The Media Manager service *mm\_srv* failed with the indicated return code and data set name.

**System action:**

The zCX instance terminates.

**Operator response:**

None.

**System programmer response:**

Look for possible accompanying DFSMS messages. Investigate the cause of the service failure that uses the return code.

**Routing code:**

10,\*

**Descriptor code:**

5

---

## Appendix A. Accessibility

Accessible publications for this product are offered through [IBM Documentation \(www.ibm.com/docs/en/zos\)](http://www.ibm.com/docs/en/zos).

If you experience difficulty with the accessibility of any z/OS information, send a detailed message to the [Contact the z/OS team web page \(www.ibm.com/systems/campaignmail/z/zos/contact\\_z\)](http://www.ibm.com/systems/campaignmail/z/zos/contact_z) or use the following mailing address.

IBM Corporation  
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Department H6MA, Building 707  
2455 South Road  
Poughkeepsie, NY 12601-5400  
United States

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### Accessibility features

Accessibility features help users who have physical disabilities such as restricted mobility or limited vision use software products successfully. The accessibility features in z/OS can help users do the following tasks:

- Run assistive technology such as screen readers and screen magnifier software.
- Operate specific or equivalent features by using the keyboard.
- Customize display attributes such as color, contrast, and font size.

---

### Consult assistive technologies

Assistive technology products such as screen readers function with the user interfaces found in z/OS. Consult the product information for the specific assistive technology product that is used to access z/OS interfaces.

---

### Keyboard navigation of the user interface

You can access z/OS user interfaces with TSO/E or ISPF. The following information describes how to use TSO/E and ISPF, including the use of keyboard shortcuts and function keys (PF keys). Each guide includes the default settings for the PF keys.

- *z/OS TSO/E Primer*
- *z/OS TSO/E User's Guide*
- *z/OS ISPF User's Guide Vol I*

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### Dotted decimal syntax diagrams

Syntax diagrams are provided in dotted decimal format for users who access IBM Documentation with a screen reader. In dotted decimal format, each syntax element is written on a separate line. If two or more syntax elements are always present together (or always absent together), they can appear on the same line because they are considered a single compound syntax element.

Each line starts with a dotted decimal number; for example, 3 or 3.1 or 3.1.1. To hear these numbers correctly, make sure that the screen reader is set to read out punctuation. All the syntax elements that have the same dotted decimal number (for example, all the syntax elements that have the number 3.1)

are mutually exclusive alternatives. If you hear the lines 3.1 USERID and 3.1 SYSTEMID, your syntax can include either USERID or SYSTEMID, but not both.

The dotted decimal numbering level denotes the level of nesting. For example, if a syntax element with dotted decimal number 3 is followed by a series of syntax elements with dotted decimal number 3.1, all the syntax elements numbered 3.1 are subordinate to the syntax element numbered 3.

Certain words and symbols are used next to the dotted decimal numbers to add information about the syntax elements. Occasionally, these words and symbols might occur at the beginning of the element itself. For ease of identification, if the word or symbol is a part of the syntax element, it is preceded by the backslash (\) character. The \* symbol is placed next to a dotted decimal number to indicate that the syntax element repeats. For example, syntax element \*FILE with dotted decimal number 3 is given the format 3 \\* FILE. Format 3\* FILE indicates that syntax element FILE repeats. Format 3\* \\* FILE indicates that syntax element \* FILE repeats.

Characters such as commas, which are used to separate a string of syntax elements, are shown in the syntax just before the items they separate. These characters can appear on the same line as each item, or on a separate line with the same dotted decimal number as the relevant items. The line can also show another symbol to provide information about the syntax elements. For example, the lines 5.1\*, 5.1 LASTRUN, and 5.1 DELETE mean that if you use more than one of the LASTRUN and DELETE syntax elements, the elements must be separated by a comma. If no separator is given, assume that you use a blank to separate each syntax element.

If a syntax element is preceded by the % symbol, it indicates a reference that is defined elsewhere. The string that follows the % symbol is the name of a syntax fragment rather than a literal. For example, the line 2.1 %OP1 means that you must refer to separate syntax fragment OP1.

The following symbols are used next to the dotted decimal numbers.

#### **? indicates an optional syntax element**

The question mark (?) symbol indicates an optional syntax element. A dotted decimal number followed by the question mark symbol (?) indicates that all the syntax elements with a corresponding dotted decimal number, and any subordinate syntax elements, are optional. If there is only one syntax element with a dotted decimal number, the ? symbol is displayed on the same line as the syntax element, (for example 5? NOTIFY). If there is more than one syntax element with a dotted decimal number, the ? symbol is displayed on a line by itself, followed by the syntax elements that are optional. For example, if you hear the lines 5 ?, 5 NOTIFY, and 5 UPDATE, you know that the syntax elements NOTIFY and UPDATE are optional. That is, you can choose one or none of them. The ? symbol is equivalent to a bypass line in a railroad diagram.

#### **! indicates a default syntax element**

The exclamation mark (!) symbol indicates a default syntax element. A dotted decimal number followed by the ! symbol and a syntax element indicate that the syntax element is the default option for all syntax elements that share the same dotted decimal number. Only one of the syntax elements that share the dotted decimal number can specify the ! symbol. For example, if you hear the lines 2? FILE, 2.1! (KEEP), and 2.1 (DELETE), you know that (KEEP) is the default option for the FILE keyword. In the example, if you include the FILE keyword, but do not specify an option, the default option KEEP is applied. A default option also applies to the next higher dotted decimal number. In this example, if the FILE keyword is omitted, the default FILE(KEEP) is used. However, if you hear the lines 2? FILE, 2.1, 2.1.1! (KEEP), and 2.1.1 (DELETE), the default option KEEP applies only to the next higher dotted decimal number, 2.1 (which does not have an associated keyword), and does not apply to 2? FILE. Nothing is used if the keyword FILE is omitted.

#### **\* indicates an optional syntax element that is repeatable**

The asterisk or glyph (\*) symbol indicates a syntax element that can be repeated zero or more times. A dotted decimal number followed by the \* symbol indicates that this syntax element can be used zero or more times; that is, it is optional and can be repeated. For example, if you hear the line 5.1\* data area, you know that you can include one data area, more than one data area, or no data area. If you hear the lines 3\* , 3 HOST, 3 STATE, you know that you can include HOST, STATE, both together, or nothing.

#### **Notes:**

1. If a dotted decimal number has an asterisk (\*) next to it and there is only one item with that dotted decimal number, you can repeat that same item more than once.
2. If a dotted decimal number has an asterisk next to it and several items have that dotted decimal number, you can use more than one item from the list, but you cannot use the items more than once each. In the previous example, you can write HOST STATE, but you cannot write HOST HOST.
3. The \* symbol is equivalent to a loopback line in a railroad syntax diagram.

**+ indicates a syntax element that must be included**

The plus (+) symbol indicates a syntax element that must be included at least once. A dotted decimal number followed by the + symbol indicates that the syntax element must be included one or more times. That is, it must be included at least once and can be repeated. For example, if you hear the line 6.1+ data area, you must include at least one data area. If you hear the lines 2+, 2 HOST, and 2 STATE, you know that you must include HOST, STATE, or both. Similar to the \* symbol, the + symbol can repeat a particular item if it is the only item with that dotted decimal number. The + symbol, like the \* symbol, is equivalent to a loopback line in a railroad syntax diagram.





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## Minimum supported hardware

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The minimum supported hardware for z/OS releases identified in z/OS announcements can subsequently change when service for particular servers or devices is withdrawn. Likewise, the levels of other software products supported on a particular release of z/OS are subject to the service support lifecycle of those

products. Therefore, z/OS and its product publications (for example, panels, samples, messages, and product documentation) can include references to hardware and software that is no longer supported.

- For information about software support lifecycle, see: [IBM Lifecycle Support for z/OS \(www.ibm.com/software/support/systemsz/lifecycle\)](http://www.ibm.com/software/support/systemsz/lifecycle)
- For information about currently-supported IBM hardware, contact your IBM representative.

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