



**Program Directory for  
IBM OMEGAMON for CICS on z/OS**

V5.5.0

Program Number 5698-T07

for Use with  
z/OS

Document Date: September 2017

GI13-2212-03

**Note**

Before using this information and the product it supports, be sure to read the general information under 7.0, "Notices" on page 41.

---

# Contents

<b>1.0 Introduction</b>	1
1.1 IBM OMEGAMON for CICS on z/OS Description	2
1.2 OMEGAMON for CICS on z/OS FMIDs	3
<b>2.0 Program Materials</b>	4
2.1 Basic Machine-Readable Material	4
2.2 Optional Machine-Readable Material	4
2.3 Program Publications	4
2.4 Program Source Materials	6
2.5 Publications Useful During Installation	6
<b>3.0 Program Support</b>	7
3.1 Program Services	7
3.2 Preventive Service Planning	7
3.3 Statement of Support Procedures	8
<b>4.0 Program and Service Level Information</b>	9
4.1 Program Level Information	9
4.2 Service Level Information	9
<b>5.0 Installation Requirements and Considerations</b>	10
5.1 Driving System Requirements	10
5.1.1 Machine Requirements	10
5.1.2 Programming Requirements	11
5.2 Target System Requirements	11
5.2.1 Machine Requirements	11
5.2.2 Programming Requirements	12
5.2.2.1 Installation Requisites	12
5.2.2.2 Operational Requisites	12
5.2.2.3 Toleration/Coexistence Requisites	13
5.2.2.4 Incompatibility (Negative) Requisites	14
5.2.3 DASD Storage Requirements	14
5.2.4 DASD Storage Requirements by FMID	19
5.3 FMIDs Deleted	23
5.4 Special Considerations	24
<b>6.0 Installation Instructions</b>	26
6.1 Installing OMEGAMON for CICS on z/OS	26
6.1.1 SMP/E Considerations for Installing OMEGAMON for CICS on z/OS	26
6.1.2 SMP/E Options Subentry Values	26
6.1.3 SMP/E CALLLIBS Processing	27
6.1.4 Installation Job Generator Utility	27

6.1.4.1	Introduction to the Job Generator	28
6.1.4.2	Product Selection	28
6.1.4.3	Installing into an existing CSI	29
6.1.4.4	Job Generator - Update Command	29
6.1.5	Sample Jobs	29
6.1.6	Allocate SMP/E Target and Distribution Libraries	31
6.1.7	Create DDDEF Entries	32
6.1.8	Perform SMP/E RECEIVE	32
6.1.9	Allocate, create and mount ZFS Files (Optional)	32
6.1.10	Allocate File System Paths	34
6.1.11	Perform SMP/E APPLY	34
6.1.12	Perform SMP/E ACCEPT	37
6.1.13	Cleaning Up Obsolete Data Sets, Paths, and DDDEFs	39
6.2	Activating OMEGAMON for CICS on z/OS	39
6.2.1	File System Execution	40
<b>7.0</b>	<b>Notices</b>	<b>41</b>
7.1	Trademarks	41
	<b>Contacting IBM Software Support</b>	<b>42</b>

## Figures

1.	Basic Material: Unlicensed Publications	4
2.	Publications Useful During Installation	6
3.	PSP Upgrade and Subset ID	8
4.	Component IDs	8
5.	Driving System Software Requirements	11
6.	Target System Mandatory Installation Requisites	12
7.	Target System Mandatory Operational Requisites	13
8.	Target System Conditional Operational Requisites	13
9.	Total DASD Space Required by OMEGAMON for CICS on z/OS	14
10.	Storage Requirements for SMP/E Work Data Sets	15
11.	Storage Requirements for SMP/E Data Sets	16
12.	Storage Requirements for OMEGAMON for CICS on z/OS Target Libraries	17
13.	OMEGAMON for CICS on z/OS File System Paths	18
14.	Storage Requirements for OMEGAMON for CICS on z/OS Distribution Libraries	18
15.	Storage Requirements for HKC5550 Libraries	19
16.	Storage Requirements for HKOB750 Libraries	20
17.	Storage Requirements for HKGW550 Libraries	22
18.	Storage Requirements for HIZD310 Libraries	23
19.	SMP/E Options Subentry Values	26

20.	Sample Installation Jobs for IBM OMEGAMON for CICS on z/OS . . . . .	29
21.	Sample Installation Jobs for IBM Tivoli Discovery Library Adapter for z/OS . . . . .	30
22.	SMP/E Elements Not Selected . . . . .	37



---

## 1.0 Introduction

This program directory is intended for system programmers who are responsible for program installation and maintenance. It contains information about the material and procedures associated with the installation of IBM OMEGAMON for CICS on z/OS. This publication refers to IBM OMEGAMON for CICS on z/OS as OMEGAMON for CICS on z/OS.

The Program Directory contains the following sections:

- 2.0, “Program Materials” on page 4 identifies the basic program materials and documentation for OMEGAMON for CICS on z/OS.
- 3.0, “Program Support” on page 7 describes the IBM support available for OMEGAMON for CICS on z/OS.
- 4.0, “Program and Service Level Information” on page 9 lists the APARs (program level) and PTFs (service level) that have been incorporated into OMEGAMON for CICS on z/OS.
- 5.0, “Installation Requirements and Considerations” on page 10 identifies the resources and considerations that are required for installing and using OMEGAMON for CICS on z/OS.
- 6.0, “Installation Instructions” on page 26 provides detailed installation instructions for OMEGAMON for CICS on z/OS. It also describes the procedures for activating the functions of OMEGAMON for CICS on z/OS, or refers to appropriate publications.

Before installing OMEGAMON for CICS on z/OS, read the *CBPDO Memo To Users* and the *CBPDO Memo To Users Extension* that are supplied with this program in softcopy format and this program directory; then keep them for future reference. Section 3.2, “Preventive Service Planning” on page 7 tells you how to find any updates to the information and procedures in this program directory.

OMEGAMON for CICS on z/OS is supplied in a Custom-Built Product Delivery Offering (CBPDO, 5751-CS3). The program directory that is provided in softcopy format on the CBPDO tape is identical to the hardcopy format if one was included with your order. All service and HOLDDATA for OMEGAMON for CICS on z/OS are included on the CBPDO tape.

Do not use this program directory if you install OMEGAMON for CICS on z/OS with a SystemPac or ServerPac. When you use one of those offerings, use the jobs and documentation supplied with the offering. The offering will point you to specific sections of this program directory as needed.

---

## 1.1 IBM OMEGAMON for CICS on z/OS Description

IBM introduces significant updates to IBM OMEGAMON Performance Monitors for key System z environments designed to run on IBM Tivoli Monitoring V6.3.0 Fix Pack 6 or higher and deliver enhanced capabilities designed to:

- Improve problem resolution efficiency by requiring fewer steps to isolate root cause performance impact in real time, therefore providing higher availability.
- Improve visibility, control, and automation with the more comprehensive 3270-based user interface (3270UI) capable of viewing the entire enterprise-wide environment from a single 3270 screen.
- Reduce the time required for installation, configuration, and maintenance by utilizing enhanced IBM Tivoli Monitoring and PARMGEN configuration tool functions. If you previously configured and deployed this product using the ICAT Configuration Tool, you must migrate and upgrade your existing RTE from ICAT to PARMGEN mode (at APAR OA52888 level, HKCI310 PTF UA91953) since the ICAT Configuration Tool support was ended starting at the V530 release.
- Tivoli Common Reporting 3.1, V2.1.1 reports are available on Service Management Connect.
- Enhancements to further increase the usability and functionality of the enhanced 3270 user interface (3270UI).
  - Supports near term history for the enhanced 3270 user interface workspaces.
  - Support for embedded data.
  - Transaction History with CICSplex wide tracking of transaction.
  - Application Trace with CICSplex wide views of distributed transactions.
  - Transaction file and database details.
  - AID and ICE displays.
  - Enhanced 3270UI support for RLS Lock Conflict Analysis and RLS Datasets.
  - Resource Limiting support for GDSA and Container Storage.
- New feature designed to minimize the requirements for JCL changes to monitored CICS regions.
- Service Level Analysis and Bottleneck Analysis components now exploit IBM System z Integrated Information Processors, lowering the cost of compute time.
- Leverages Tivoli Monitoring and the self-describing agent autonomic capability to remove the necessity for using application CDs to manually synchronize management servers and agents.

New in OMEGAMON for CICS on z/OS V5.5.0:

- Monitoring support for CICS Transaction Server (CICS/TS) V5.4.0 asynchronous transaction feature.
- Service Level Analysis (SLA) toolkit.
- Ability to display and search the groups of CICS regions other than CICSplex members including user-defined groups of regions.

- The ability to set the scope for a Find command.
- Simplified deployment process reducing configuration parameters coupled with automatic discovery of system properties during the PARMGEN configuration process.

IBM Tivoli Discovery Library Adapter for z/OS V3.1.0 discovers z/OS resources and generates output XML files. The files, often referred to as Books, conform to the Discovery Library IdML XML schema and Common Data Model (CDM).

Starting in PARMGEN 4Q16 IF (PTF UA83283 and later maintenance), PARMGEN provides additional configuration enhancements by providing users the option to utilize the functionality of the z/OS Discovery Library Adapter (DLA) to automatically discover properties about online subsystems and include these details within the runtime environment (RTE) configuration files. This reduces the time and effort in creating accurate configuration files.

**Note:** For more information, refer to the usage of the PARMGEN KCIJPDLA job topic in this URL: [https://www.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon\\_share.doc\\_6.3.0.2/zcommonconfig/parmgen\\_dla.htm](https://www.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/zcommonconfig/parmgen_dla.htm)

---

## 1.2 OMEGAMON for CICS on z/OS FMIDs

OMEGAMON for CICS on z/OS consists of the following FMIDs:

HKC5550  
HKOB750  
HKGW550  
HIZD310

---

## 2.0 Program Materials

An IBM program is identified by a program number. The program number for OMEGAMON for CICS on z/OS is 5698-T07.

Basic Machine-Readable Materials are materials that are supplied under the base license and are required for the use of the product.

The program announcement material describes the features supported by OMEGAMON for CICS on z/OS. Ask your IBM representative for this information if you have not already received a copy.

---

### 2.1 Basic Machine-Readable Material

The distribution medium for this program is physical media or downloadable files. This program is in SMP/E RELFILE format and is installed by using SMP/E. See 6.0, "Installation Instructions" on page 26 for more information about how to install the program.

You can find information about the physical media for the basic machine-readable materials for OMEGAMON for CICS on z/OS in the *CBPDO Memo To Users Extension*.

---

### 2.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for OMEGAMON for CICS on z/OS.

---

### 2.3 Program Publications

The following sections identify the basic publications for OMEGAMON for CICS on z/OS.

Figure 1 identifies the basic unlicensed publications for OMEGAMON for CICS on z/OS.

The unlicensed documentation for OMEGAMON for CICS on z/OS can be found on the IBM Knowledge Center at: <http://www.ibm.com/support/knowledgecenter/SSLSDR>

<i>Figure 1 (Page 1 of 2). Basic Material: Unlicensed Publications</i>
<b>Publication Title</b>
<i>Quick Start Guide</i>
<i>Planning and Configuration Guide</i>
<i>User's Guide</i>
<i>OMEGAMON for CICS TG on z/OS User's Guide</i>

<i>Figure 1 (Page 2 of 2). Basic Material: Unlicensed Publications</i>
<b>Publication Title</b>
<i>OMEGAMON for CICS User's Guide and Reference</i>
<i>Parameter Reference</i>
<i>Troubleshooting Guide</i>
<i>General Information</i>
<i>IBM Tivoli Discovery Library Adapter for z/OS User's Guide &amp; Reference</i>
<b>OMEGAMON and Tivoli Management Services on z/OS shared documentation</b>
<i>New in this Release</i>
<i>Overview</i>
<i>Getting started</i>
<i>Planning</i>
<i>Installing</i>
<i>Upgrading</i>
<i>Configuring</i>
<i>Scenarios and how-tos</i>
<i>Reference</i>

Prior to installing OMEGAMON for CICS on z/OS, IBM recommends you review the Quick Start Guide, **What's new in PARMGEN, First time deployment guide (FTU installation and configuration tasks)**, as well as the Planning and Configuring topics if you have not already done so. This documentation focuses on the things you will need to know for a successful installation and configuration of this product.

The **OMEGAMON and Tivoli Management Services on z/OS** shared documentation, and other IBM product documentation can be found at the IBM Knowledge Center URL listed below:

**<http://www.ibm.com/support/knowledgecenter/SSAUBV/>**

The **First time deployment guide (FTU installation and configuration tasks)** documentation can be found on the IBM Knowledge Center at:

**[http://www.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon\\_share.doc\\_6.3.0.2/ftu/ftu\\_cfg\\_intro.htm](http://www.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/ftu/ftu_cfg_intro.htm)**

Refer to the *Program Directory for IBM Tivoli Management Services on z/OS* (GI11-4105) for a complete documentation list and installation instructions for its product components.

---

## 2.4 Program Source Materials

No program source materials or viewable program listings are provided for OMEGAMON for CICS on z/OS.

---

## 2.5 Publications Useful During Installation

You might want to use the publications listed in Figure 2 during the installation of OMEGAMON for CICS on z/OS.

<i>Figure 2. Publications Useful During Installation</i>	
<b>Publication Title</b>	<b>Form Number</b>
<i>IBM SMP/E for z/OS User's Guide</i>	SA23-2277
<i>IBM SMP/E for z/OS Commands</i>	SA23-2275
<i>IBM SMP/E for z/OS Reference</i>	SA23-2276
<i>IBM SMP/E for z/OS Messages, Codes, and Diagnosis</i>	GA32-0883

These publications can be obtained from the IBM Publications Center website at <http://www.ibm.com/shop/publications/order/>.

---

## 3.0 Program Support

This section describes the IBM support available for OMEGAMON for CICS on z/OS.

---

### 3.1 Program Services

Contact your IBM representative for specific information about available program services.

---

### 3.2 Preventive Service Planning

Before you install OMEGAMON for CICS on z/OS, make sure that you have reviewed the current Preventive Service Planning (PSP) information. Review the PSP Bucket for General Information, Installation Documentation, and the Cross Product Dependencies sections. For the Recommended Service section, instead of reviewing the PSP Bucket, it is recommended you use the IBM.ProductInstall-RequiredService fix category in SMP/E to ensure you have all the recommended service installed. Use the **FIXCAT(IBM.ProductInstall-RequiredService)** operand on the **APPLY CHECK command**. See 6.1.11, “Perform SMP/E APPLY” on page 34 for a sample APPLY command.

If you obtained OMEGAMON for CICS on z/OS as part of a CBPDO, HOLDDATA is included.

If the CBPDO for OMEGAMON for CICS on z/OS is older than two weeks by the time you install the product materials, you can obtain the latest PSP Bucket information by going to the following website:

<http://www14.software.ibm.com/webapp/set2/psearch/search?domain=psp>

You can also use S/390 SoftwareXcel or contact the IBM Support Center to obtain the latest PSP Bucket information.

For program support, access the Software Support Website at <http://www.ibm.com/software/support/>.

PSP Buckets are identified by UPGRADEs, which specify product levels; and SUBSETs, which specify the FMIDs for a product level. The UPGRADE and SUBSET values for OMEGAMON for CICS on z/OS are included in Figure 3.

This product has an installation requirement for IBM Tivoli Management Services on z/OS V6.3.0 Fix Pack 6 or higher (5698-A79), so you should review the PSP buckets for it as well. Refer to the *Program Directory for IBM Tivoli Management Services on z/OS* (GI11-4105) for those UPGRADE and SUBSET values.

Figure 3. PSP Upgrade and Subset ID

UPGRADE	SUBSET	Description
OMEGC5550	HKC5550	OMEGAMON for CICS on z/OS
	HKOB750	OMNIMON Base
	HKGW550	OMEGAMON for CICS TG on z/OS
ZOSDLA	HIZD310	Tivoli Discovery Library Adapter for z/OS

### 3.3 Statement of Support Procedures

Report any problems which you feel might be an error in the product materials to your IBM Support Center. You may be asked to gather and submit additional diagnostics to assist the IBM Support Center in their analysis.

Figure 4 identifies the component IDs (COMPID) for OMEGAMON for CICS on z/OS.

Figure 4. Component IDs

FMID	COMPID	Component Name	RETAIN Release
HKC5550	5698A5800	OMEGAMON for CICS on z/OS	550
HKOB750	5608A41OB	OMNIMON Base	750
HKGW550	5698A9300	OMEGAMON for CICS TG on z/OS	550
HIZD310	5698A4700	z/OS DLA	310

---

## 4.0 Program and Service Level Information

This section identifies the program and relevant service levels of OMEGAMON for CICS on z/OS. The program level refers to the APAR fixes that have been incorporated into the program. The service level refers to the PTFs that have been incorporated into the program.

---

### 4.1 Program Level Information

The following APAR fixes against the previous release of components included with OMEGAMON for CICS on z/OS have been incorporated into this release. They are listed by FMID.

- FMID HKC5550

OA45604 OA45830 OA45871 OA45903 OA46188 OA46388 OA46404 OA46595  
OA46610 OA46791 OA46825 OA46865 OA47188 OA47218 OA47415 OA47489  
OA47739 OA47761 OA47769 OA48048 OA48333 OA48338 OA48402 OA48438  
OA48586 OA48604 OA48663 OA48778 OA48801 OA48908 OA48994 OA49004  
OA49192 OA49218 OA49271 OA49332 OA49432 OA49529 OA49590 OA49613  
OA49616 OA49648 OA49696 OA49759 OA49899 OA50112 OA50150 OA50280  
OA50432 OA50602 OA50995 OA51026 OA51127 OA51162 OA51178 OA51370  
OA51373 OA51389 OA51559 OA51576 OA51778 OA51782 OA51824 OA51951  
OA52026 OA52094 OA52295 OA52410 OA51873 OA52712 OA53165

- FMID HKOB750

OA45606 OA45816 OA45821 OA45846 OA46014 OA46177 OA46354 OA46704  
OA46857 OA46860 OA46861 OA46867 OA46911 OA47142 OA47263 OA47617  
OA48029 OA48198 OA48295 OA48532 OA48662 OA48739 OA48917 OA49057  
OA49106 OA49278 OA49686 OA49902 OA49927 OA49966 OA50243 OA50263  
OA50563 OA50894 OA51033 OA51043 OA51357 OA51417 OA51556 OA51564  
OA51646 OA51815 OA51908 OA52016 OA52082 OA52314 OA52323 OA52442

- FMID HKGW550

OA45873 OA45962 OA46253 OA46528 OA46588 OA48238 OA48573 OA48780  
OA48996 OA49193 OA49913 OA50479 OA50938 OA51804 OA52306 OA52714

---

### 4.2 Service Level Information

No PTFs against this release of OMEGAMON for CICS on z/OS have been incorporated into the product package.

---

## 5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating OMEGAMON for CICS on z/OS. The following terminology is used:

- *Driving system*: the system on which SMP/E is executed to install the program.
- *Target system*: the system on which the program is configured and run.

In many cases, you can use a system as both a driving system and a target system. However, you can make a separate IPL-able clone of the running system to use as a target system. The clone must include copies of all system libraries that SMP/E updates, copies of the SMP/E CSI data sets that describe the system libraries, and your PARMLIB and PROCLIB.

Use separate driving and target systems in the following situations:

- When you install a new level of a product that is already installed, the new level of the product will replace the old one. By installing the new level onto a separate target system, you can test the new level and keep the old one in production at the same time.
- When you install a product that shares libraries or load modules with other products, the installation can disrupt the other products. By installing the product onto a separate target system, you can assess these impacts without disrupting your production system.

---

### 5.1 Driving System Requirements

This section describes the environment of the driving system required to install OMEGAMON for CICS on z/OS.

#### 5.1.1 Machine Requirements

The driving system can run in any hardware environment that supports the required software.

## 5.1.2 Programming Requirements

Figure 5. Driving System Software Requirements

Program Number	Product Name	Minimum VRM	Minimum Service Level will satisfy these APARs	Included in the shipped product?
5650-ZOS	z/OS	V02.01.00 or higher	N/A	No

**Note:** SMP/E is a requirement for Installation and is an element of z/OS but can also be ordered as a separate product, 5655-G44, minimally V03.06.00.

**Note:** Installation might require migration to new z/OS releases to be service supported. See [http://www-03.ibm.com/systems/z/os/zos/support/zos\\_eos\\_dates.html](http://www-03.ibm.com/systems/z/os/zos/support/zos_eos_dates.html).

The OMEGAMON for CICS TG on z/OS component is installed into a file system, either HFS or zFS. Before installing this component, you must ensure that the target system file system data sets are available for processing on the driving system. OMVS must be active on the driving system and the target system file data sets must be mounted on the driving system.

If you plan to install this component in a zFS file system, this requires that zFS be active on the driving system. Information on activating and using zFS can be found in z/OS Distributed File Service zSeries File System Administration, SC24-5989.

---

## 5.2 Target System Requirements

This section describes the environment of the target system required to install and use OMEGAMON for CICS on z/OS.

OMEGAMON for CICS on z/OS installs in the z/OS (Z038) SREL.

### 5.2.1 Machine Requirements

The target system can run in any hardware environment that supports the required software.

## 5.2.2 Programming Requirements

### 5.2.2.1 Installation Requisites

Installation requisites identify products that are required and *must* be present on the system or products that are not required but *should* be present on the system for the successful installation of this product.

Mandatory installation requisites identify products that are required on the system for the successful installation of this product. These products are specified as PREs or REQs.

Figure 6. Target System Mandatory Installation Requisites

Program Number	Product Name	Minimum VRM	Minimum Service Level will satisfy these APARs	Included in the shipped product?
5650-ZOS	z/OS	V02.01.00 or higher	N/A	No
5698-A79	IBM Tivoli Management Services on z/OS	V06.03.00	N/A	No

**Note:** Installation might require migration to new z/OS releases to be service supported. See [http://www-03.ibm.com/systems/z/os/zos/support/zos\\_eos\\_dates.html](http://www-03.ibm.com/systems/z/os/zos/support/zos_eos_dates.html).

Conditional installation requisites identify products that are *not* required for successful installation of this product but can resolve such things as certain warning messages at installation time. These products are specified as IF REQs.

OMEGAMON for CICS on z/OS has no conditional installation requisites.

### 5.2.2.2 Operational Requisites

Operational requisites are products that are required and *must* be present on the system or products that are not required but *should* be present on the system for this product to operate all or part of its functions.

Mandatory operational requisites identify products that are required for this product to operate its basic functions.

<i>Figure 7. Target System Mandatory Operational Requisites</i>	
<b>Program Number</b>	<b>Product Name and Minimum VRM/Service Level</b>
5650-ZOS	z/OS V02.01.00 or higher
5698-A79	IBM Tivoli Management Services on z/OS V06.03.00 or higher
Any <b>one</b> of the following:	
5655-S97	CICS Transaction Server for z/OS V04.01.00 or higher
5655-Y04	CICS Transaction Server for z/OS V05.01.00 or higher

Conditional operational requisites identify products that are *not* required for this product to operate its basic functions but are required at run time for this product to operate specific functions. These products are specified as IF REQs.

<i>Figure 8. Target System Conditional Operational Requisites</i>	
<b>Program Number</b>	<b>Product Name and Minimum VRM/Service Level</b>
<i>One or more of the following:</i>	
5655-W10	IBM CICS Transaction Gateway for z/OS V08.01.00 or higher
5655-Y20	IBM CICS Transaction Gateway for z/OS V09.00.00 or higher
5605-DB2	IBM DB2 for z/OS V10.01.00 or higher
5615-DB2	IBM DB2 for z/OS V11.01.00 or higher
5650-DB2	IBM DB2 for z/OS V12.01.00 or higher
5635-A04	IBM IMS V13.01.00
5635-A05	IBM IMS V14.01.00
5655-R36	WebSphere MQ for z/OS V07.01.00 or higher
5655-N02	WebSphere Application Server for z/OS V07.00.00 or higher
5655-W65	WebSphere Application Server for z/OS V08.00.00 or higher

### 5.2.2.3 Toleration/Coexistence Requisites

Toleration/coexistence requisites identify products that must be present on sharing systems. These systems can be other systems in a multisystem environment (not necessarily sysplex), a shared DASD environment (such as test and production), or systems that reuse the same DASD environment at different time intervals.

OMEGAMON for CICS on z/OS has no toleration/coexistence requisites.

### 5.2.2.4 Incompatibility (Negative) Requisites

Negative requisites identify products that must *not* be installed on the same system as this product.

OMEGAMON for CICS on z/OS has no negative requisites.

### 5.2.3 DASD Storage Requirements

OMEGAMON for CICS on z/OS libraries can reside on all supported DASD types.

Figure 9 lists the total space that is required for each type of library.

<i>Figure 9. Total DASD Space Required by OMEGAMON for CICS on z/OS</i>	
<b>Library Type</b>	<b>Total Space Required in 3390 Trks</b>
Target	3136
Distribution	2744
File System(s)	15

#### Notes:

1. If you are installing into an existing environment that has the data sets in Figure 12 on page 16 and Figure 14 on page 18 already allocated, ensure sufficient disk space and directory blocks are available to support the requirement listed. This might require you to reallocate some data sets to avoid x37 abends.
2. Use system determined block sizes for efficient DASD utilization for all non-RECFM U data sets. For RECFM U data sets, a block size of 32760 is recommended, which is the most efficient from a performance and DASD utilization perspective.
3. Abbreviations used for data set types are shown as follows.
  - U** Unique data set, allocated by this product and used by only this product. This table provides all the required information to determine the correct storage for this data set. You do not need to refer to other tables or program directories for the data set size.
  - S** Shared data set, allocated by this product and used by this product and other products. To determine the correct storage needed for this data set, add the storage size given in this table to those given in other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.
  - E** Existing shared data set, used by this product and other products. This data set is *not* allocated by this product. To determine the correct storage for this data set, add the storage size given in this table to those given in other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.

If you currently have a previous release of this product installed in these libraries, the installation of this release will delete the old release and reclaim the space that was used by the old release and any service that had been installed. You can determine whether these libraries have enough space by deleting the old release with a dummy function, compressing the libraries, and comparing the space requirements with the free space in the libraries.

For more information about the names and sizes of the required data sets, see 6.1.6, "Allocate SMP/E Target and Distribution Libraries" on page 31.

4. Abbreviations used for the file system path type are as follows.

- N** New path, created by this product.
- X** Path created by this product, but might already exist from a previous release.
- P** Previously existing path, created by another product.

5. All target and distribution libraries listed have the following attributes:

- The default name of the data set can not be changed.
- The default block size of the data set can be changed.
- The data set can not be merged with another data set that has equivalent characteristics.

6. All target libraries listed have the following attributes:

- These data sets can be SMS-managed, but they are not required to be SMS-managed.
- These data sets are not required to reside on the IPL volume.
- The values in the "Member Type" column are not necessarily the actual SMP/E element types that are identified in the SMPMCS.

7. All target libraries that are listed and contain load modules have the following attributes:

- These data sets can not be in the LPA.
- These data sets can be in the LNKLST except for TKANMODR and TKANMODS.

If you are installing into an existing environment, ensure the values used for the SMP/E work datasets reflect the minimum values shown in Figure 10. Check the corresponding DDDEF entries in all zones because use of values lower than these can result in failures in the installation process. Refer to the SMP/E manuals for instructions on updating DDDEF entries.

<i>Figure 10 (Page 1 of 2). Storage Requirements for SMP/E Work Data Sets</i>							
<b>Library DDNAME</b>	<b>T Y P E</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>Prim No. of Trks</b>	<b>Sec No. of Trks</b>	<b>No. of DIR Blks</b>
SMPWRK1	E	PDS	FB	80	150	150	220
SMPWRK2	E	PDS	FB	80	150	150	220
SMPWRK3	E	PDS	FB	80	300	600	1320
SMPWRK4	E	PDS	FB	80	150	150	220

Figure 10 (Page 2 of 2). Storage Requirements for SMP/E Work Data Sets

Library DDNAME	T Y P E	O R G A N I Z A T I O N	R E C O R D S	L E N G T H	Prim No. of 3390 Trks	Sec No. of 3390 Trks	No. of DIR Blks
SMPWRK6	E	PDS	FB	80	300	1500	660
SYSUT1	E	SEQ	--	--	75	75	0
SYSUT2	E	SEQ	--	--	75	75	0
SYSUT3	E	SEQ	--	--	75	75	0
SYSUT4	E	SEQ	--	--	75	75	0

If you are installing into an existing environment, ensure the current SMP/E support dataset allocations reflect the minimum values shown in Figure 11. Check the space and directory block allocation and reallocate the data sets, if necessary.

Figure 11. Storage Requirements for SMP/E Data Sets

Library DDNAME	T Y P E	O R G A N I Z A T I O N	R E C O R D S	L E N G T H	Prim No. of 3390 Trks	Sec No. of 3390 Trks	No. of DIR Blks
SMPLTS	E	PDSE	U	0	15	150	N/A
SMPMTS	E	PDS	FB	80	15	150	220
SMPPTS	E	PDSE	FB	80	300	1500	N/A
SMPSCDS	E	PDS	FB	80	15	150	220
SMPSTS	E	PDS	FB	80	15	150	220

Figure 12 and Figure 14 on page 18 describe the target and distribution libraries and file system paths that will be allocated by this product's install jobs or that will be required for installation. The space requirements reflect what is specified in the allocation job or the space that this product will require in existing libraries. Additional tables are provided to show the specific space required for libraries that are used by each FMID. See 5.2.4, "DASD Storage Requirements by FMID" on page 19 for more information.

The storage requirements of OMEGAMON for CICS on z/OS must be added to the storage required by other programs having data in the same library or path.

Figure 12. Storage Requirements for OMEGAMON for CICS on z/OS Target Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SIZDINST	JCL	Any	U	PDS	FB	80	3	3
SIZDSAMP	Samples	Any	U	PDS	FB	80	25	3
SIZDEXEC	CLIST	Any	U	PDS	FB	80	20	3
SIZDLOAD	Samples	Any	U	PDS	U	0	65	12
SIZDMAPS	CLIST	Any	U	PDS	VB	1024	8	3
SIZDMESG	CLIST	Any	U	PDS	FB	80	3	3
TKANCUS	CLIST	Any	E	PDS	FB	80	75	58
TKANDATV	Data	Any	E	PDS	VB	6160	266	9
TKANEXEC	EXEC	Any	S	PDS	VB	255	48	88
TKANHENU	Help	Any	E	PDS	FB	80	182	129
TKANISP	CLIST	Any	S	PDS	FB	80	2	44
TKANMAC	Macro	Any	E	PDS	FB	80	15	9
TKANMOD	LMOD	Any	E	PDS	U	0	393	63
TKANMODL	LMOD	Any	E	PDS	U	0	150	8
TKANMODP	LMOD	Any	S	PDSE	U	0	388	N/A
TKANMODR	LMOD	Any	S	PDS	U	0	2	44
TKANMODS	LMOD	Any	E	PDS	U	0	177	130
TKANOSRC	Data	Any	S	PDS	VB	255	6	44
TKANPAR	Parm	Any	E	PDS	FB	80	15	7
TKANPENU	Panel	Any	E	PDS	FB	80	967	512
TKANPKGI	Data	Any	E	PDS	FB	80	73	8
TKANSAM	Sample	Any	E	PDS	FB	80	65	38
TKANUTIN	UTIN	Any	S	PDS	FB	80	2	44
TKANWENU	Panel	Any	S	PDS	FB	80	166	220
TKOBDATF	Data	Any	S	PDS	FB	80	2	44
TKOBHELP	Help	Any	S	PDS	FB	80	19	132
TKOCHELP	Help	Any	U	PDS	FB	80	6	44
TKOCPROC	Panel	Any	U	PDS	FB	80	117	616

Figure 13. OMEGAMON for CICS on z/OS File System Paths

DDNAME	T Y P E	Path Name
TKANJAR	N	/usr/lpp/kan/bin/IBM

Figure 14 (Page 1 of 2). Storage Requirements for OMEGAMON for CICS on z/OS Distribution Libraries

Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
AIZDINST	U	PDS	FB	80	3	3
AIZDSAMP	U	PDS	FB	80	25	3
AIZDEXEC	U	PDS	FB	80	20	3
AIZDLOAD	U	PDS	U	0	65	12
AIZDMAPS	U	PDS	VB	1024	8	3
AIZDMESG	U	PDS	FB	80	3	5
DKANCUS	E	PDS	FB	80	75	58
DKANDATV	E	PDS	VB	6160	266	9
DKANEXEC	S	PDS	VB	255	46	88
DKANHENU	E	PDS	FB	80	185	125
DKANISP	S	PDS	FB	80	2	44
DKANJAR	S	PDS	VB	255	2	44
DKANMAC	E	PDS	FB	80	15	9
DKANMOD	E	PDS	U	0	281	210
DKANMODL	E	PDS	U	0	164	32
DKANMODP	S	PDSE	U	0	97	N/A
DKANMODR	S	PDS	U	0	2	44
DKANMODS	E	PDS	U	0	172	87
DKANOSRC	S	PDS	VB	255	6	44
DKANPAR	E	PDS	FB	80	15	7
DKANPENU	E	PDS	FB	80	967	512
DKANPKG1	E	PDS	FB	80	73	8
DKANSAM	E	PDS	FB	80	65	38

Figure 14 (Page 2 of 2). Storage Requirements for OMEGAMON for CICS on z/OS Distribution Libraries

Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
DKANUTIN	S	PDS	FB	80	2	44
DKANWENU	S	PDS	FB	80	166	220
DKOBDATF	S	PDS	FB	80	2	44
DKOBHELP	S	PDS	FB	80	19	132
DKOCHELP	U	PDS	FB	80	6	44
DKOCPROC	U	PDS	FB	80	117	616

## 5.2.4 DASD Storage Requirements by FMID

The tables in this section can help determine the specific space required for components not already installed in an existing environment. There is a table for each FMID included with the product.

Figure 15 (Page 1 of 2). Storage Requirements for HKC5550 Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
TKANCUS	CLIST	Any	E	PDS	FB	80	47	33
TKANDATV	Data	Any	E	PDS	VB	6160	246	4
TKANEXEC	EXEC	Any	S	PDS	VB	255	20	28
TKANHENU	Help	Any	E	PDS	FB	80	165	112
TKANMAC	Macro	Any	E	PDS	FB	80	7	6
TKANMOD	LMOD	Any	E	PDS	U	0	266	40
TKANMODL	LMOD	Any	E	PDS	U	0	118	4
TKANMODR	LMOD	Any	S	PDS	U	0	1	2
TKANMODS	LMOD	Any	E	PDS	U	0	100	70
TKANOSRC	Data	Any	S	PDS	VB	255	1	2
TKANPAR	Parm	Any	E	PDS	FB	80	12	3
TKANPENU	Panel	Any	E	PDS	FB	80	967	512
TKANPKGI	Data	Any	E	PDS	FB	80	55	3
TKANSAM	Sample	Any	E	PDS	FB	80	62	35

Figure 15 (Page 2 of 2). Storage Requirements for HKC5550 Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
TKANWENU	Panel	Any	S	PDS	FB	80	67	60
TKOCHELP	Help	Any	U	PDS	FB	80	6	22
TKOCPROC	Panel	Any	U	PDS	FB	80	102	438
DKANCUS			E	PDS	FB	80	47	33
DKANDATV			E	PDS	VB	6160	246	4
DKANEXEC			S	PDS	VB	255	20	28
DKANHENU			E	PDS	FB	80	165	108
DKANMAC			E	PDS	FB	80	7	6
DKANMOD			E	PDS	U	0	151	116
DKANMODL			E	PDS	U	0	132	26
DKANMODR			S	PDS	U	0	1	2
DKANMODS			E	PDS	U	0	107	79
DKANOSRC			S	PDS	VB	255	1	2
DKANPAR			E	PDS	FB	80	12	3
DKANPENU			E	PDS	FB	80	967	512
DKANPKGI			E	PDS	FB	80	55	3
DKANSAM			E	PDS	FB	80	62	35
DKANWENU			S	PDS	FB	80	67	60
DKOCHELP			U	PDS	FB	80	6	22
DKOCPROC			U	PDS	FB	80	102	438

Figure 16 (Page 1 of 3). Storage Requirements for HKOB750 Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
TKANCUS	CLIST	Any	E	PDS	FB	80	13	15
TKANDATV	Data	Any	E	PDS	VB	6160	1	2
TKANEXEC	EXEC	Any	S	PDS	VB	255	21	15
TKANHENU	Help	Any	E	PDS	FB	80	12	13

Figure 16 (Page 2 of 3). Storage Requirements for HKOB750 Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
TKANISP	CLIST	Any	S	PDS	FB	80	1	2
TKANMAC	Macro	Any	E	PDS	FB	80	8	3
TKANMOD	LMOD	Any	E	PDS	U	0	121	19
TKANMODL	LMOD	Any	E	PDS	U	0	12	2
TKANMODP	LMOD	Any	S	PDSE	U	0	330	N/A
TKANMODS	LMOD	Any	E	PDS	U	0	74	56
TKANOSRC	Data	Any	S	PDS	VB	255	5	5
TKANPAR	Parm	Any	E	PDS	FB	80	1	2
TKANPKGI	Data	Any	E	PDS	FB	80	15	2
TKANSAM	Sample	Any	E	PDS	FB	80	3	3
TKANWENU	Panel	Any	S	PDS	FB	80	74	67
TKOBDATF	Data	Any	S	PDS	FB	80	2	2
TKOBHELP	Help	Any	S	PDS	FB	80	17	66
DKANCUS			E	PDS	FB	80	13	15
DKANDATV			E	PDS	VB	6160	1	2
DKANEXEC			S	PDS	VB	255	21	15
DKANHENU			E	PDS	FB	80	12	13
DKANISP			S	PDS	FB	80	1	2
DKANMAC			E	PDS	FB	80	8	3
DKANMOD			E	PDS	U	0	125	90
DKANMODL			E	PDS	U	0	12	2
DKANMODP			S	PDSE	U	0	81	N/A
DKANMODS			E	PDS	U	0	61	3
DKANOSRC			S	PDS	VB	255	5	5
DKANPAR			E	PDS	FB	80	1	2
DKANPKGI			E	PDS	FB	80	15	2
DKANSAM			E	PDS	FB	80	3	3
DKANWENU			S	PDS	FB	80	74	67
DKOBDATF			S	PDS	FB	80	2	2

Figure 16 (Page 3 of 3). Storage Requirements for HKOB750 Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
DKOBHELP			S	PDS	FB	80	17	66

Figure 17 (Page 1 of 2). Storage Requirements for HKGW550 Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
TKANCUS	CLIST	Any	E	PDS	FB	80	15	10
TKANDATV	Data	Any	E	PDS	VB	6160	19	3
TKANEXEC	EXEC	Any	S	PDS	VB	255	1	3
TKANHENU	Help	Any	E	PDS	FB	80	5	4
TKANMOD	LMOD	Any	E	PDS	U	0	6	4
TKANMODL	LMOD	Any	E	PDS	U	0	20	2
TKANMODP	LMOD	Any	S	PDSE	U	0	8	N/A
TKANMODS	LMOD	Any	E	PDS	U	0	3	4
TKANPAR	Parm	Any	E	PDS	FB	80	2	2
TKANPKGI	Data	Any	E	PDS	FB	80	3	3
TKANUTIN	UTIN	Any	S	PDS	FB	80	1	2
TKANWENU	Panel	Any	S	PDS	FB	80	4	4
DKANCUS			E	PDS	FB	80	15	10
DKANDATV			E	PDS	VB	6160	19	3
DKANEXEC			S	PDS	VB	255	1	3
DKANHENU			E	PDS	FB	80	5	4
DKANJAR			S	PDS	VB	255	1	2
DKANMOD			E	PDS	U	0	5	4
DKANMODL			E	PDS	U	0	20	4
DKANMODP			S	PDSE	U	0	4	N/A
DKANMODS			E	PDS	U	0	4	5
DKANPAR			E	PDS	FB	80	2	2
DKANPKGI			E	PDS	FB	80	3	3

Figure 17 (Page 2 of 2). Storage Requirements for HKGW550 Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
DKANUTIN			S	PDS	FB	80	1	2
DKANWENU			S	PDS	FB	80	4	4

Figure 18. Storage Requirements for HIZD310 Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SIZDINST	JCL	Any	U	PDS	FB	80	3	3
SIZDSAMP	Samples	Any	U	PDS	FB	80	25	3
SIZDEXEC	CLIST	Any	U	PDS	FB	80	20	3
SIZDLOAD	Samples	Any	U	PDS	U	0	65	12
SIZDMAPS	CLIST	Any	U	PDS	VB	1024	8	3
SIZDMESG	CLIST	Any	U	PDS	FB	80	3	3
AIZDINST			U	PDS	FB	80	3	3
AIZDSAMP			U	PDS	FB	80	25	3
AIZDEXEC			U	PDS	FB	80	20	3
AIZDLOAD			U	PDS	U	0	65	12
AIZDMAPS			U	PDS	VB	1024	8	3
AIZDMESG			U	PDS	FB	80	3	5

### 5.3 FMIDs Deleted

Installing OMEGAMON for CICS on z/OS might result in the deletion of other FMIDs. To see which FMIDs will be deleted, examine the ++VER statement in the SMPMCS of the product.

If you do not want to delete these FMIDs at this time, install OMEGAMON for CICS on z/OS into separate SMP/E target and distribution zones.

**Note:** These FMIDs are not automatically deleted from the Global Zone. If you want to delete these FMIDs from the Global Zone, use the SMP/E REJECT NOFMID DELETEFMID command. See the SMP/E Commands documentation for details.

---

## 5.4 Special Considerations

To effectively manage a suite of products with common components, you can install products into shared zones of a consolidated software inventory (CSI). Space requirements are reduced by installing products into shared CSI zones avoiding the duplication when different target zones, distribution zones, and data sets are used. Sharing a common set of zones also allows SMP/E to automatically manage IFREQ situations that exist across product components.

If you intend to share a Tivoli Enterprise Monitoring Server on z/OS with other products, use shared CSI zones so product configuration sets up the runtime environment correctly.

The installation of OMEGAMON for CICS on z/OS requires the Tivoli Enterprise Monitoring Server on z/OS be installed in the CSI. Refer to the *Program Directory for IBM Tivoli Management Services on z/OS* (GI11-4105) for installation instructions of its product components.

Prior to installing OMEGAMON for CICS on z/OS, IBM recommends you review the Quick Start Guide, **What's new in PARMGEN, First time deployment guide (FTU installation and configuration tasks)**, as well as the Planning and Configuring topics if you have not already done so. This documentation focuses on the things you will need to know for a successful installation and configuration of this product.

The **OMEGAMON and Tivoli Management Services on z/OS** shared documentation, and other Tivoli product documentation can be found at the IBM Knowledge Center URL listed below:

<http://www.ibm.com/support/knowledgecenter/SSAUBV/>

The **First time deployment guide (FTU installation and configuration tasks)** documentation can be found on the IBM Knowledge Center at:

[http://www.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon\\_share.doc\\_6.3.0.2/ftu/ftu\\_cfg\\_intro.htm](http://www.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/ftu/ftu_cfg_intro.htm)

If you are installing into an existing CSI zone that contains the listed FMIDs, ensure the maintenance has been installed previously or it must be installed with this product package.

HKCI310 - UA91953  
HKDS630 - UA79950 UA79951  
HKLV630 - UA79952 UA79953

PTF UA78769 (HIZD310 FMID), applying this ptf requires the use of the SMP/E SMPTLOAD DDDEF statement, ensure that SMPTLOAD is defined in the CSI.

The following sample job can be used to define the SMPTLOAD DDDEF, change all occurrences of the following lowercase variables to values suitable for your installation before submitting.

```
#globalcsi - The dsname of your global CSI.  
#tzone - The name of the SMP/E target zone.  
#dzone - The name of the SMP/E distribution zone.
```

```

//SMPTLOAD JOB 'ACCOUNT INFORMATION','SMPTLOAD',
//          CLASS=A,MSGCLASS=X,MSGLEVEL=(1,1),NOTIFY=&SYSUID
//*****
//*          D e f i n e   D D D E F   E n t r i e s   *
//*****
//SMPTLOAD EXEC PGM=GIMSMP,REGION=4096K
//SMPCSI  DD DISP=OLD,DSN=#globalcsi
//SMPCNTL DD *
           SET  BDY(GLOBAL) .
           UCLIN .
           ADD DDDEF(SMPTLOAD) CYL SPACE(2,1) DIR(10)
                UNIT(SYSALLDA) .
           ENDUCL .
           SET  BDY(#tzone) .
           UCLIN .
           ADD DDDEF(SMPTLOAD) CYL SPACE(2,1) DIR(10)
                UNIT(SYSALLDA) .
           ENDUCL .
           SET  BDY(#dzone) .
           UCLIN .
           ADD DDDEF(SMPTLOAD) CYL SPACE(2,1) DIR(10)
                UNIT(SYSALLDA) .
           ENDUCL .
/*

```

Consider the following items when using shared CSI zones.

- You must specify the same high-level qualifier for the target and distribution libraries as the other products in the same zones for the configuration tool to work correctly.
- If you install a product into an existing CSI that contains a previous version of the same product, SMP/E deletes the previous version during the installation process. To maintain multiple product versions concurrently, they must be installed into separate CSI zones.
- If you install into an existing environment, you might need to remove data set references from the installation jobs to avoid errors because the data sets already exist.
- If you are installing into an existing environment that has the data sets already allocated, ensure sufficient space and directory blocks are available to support the requirement listed in the DASD tables. This might require you to reallocate some data sets to avoid x37 abends.

When OMEGAMON for CICS on z/OS is used with the IBM OMEGAMON Dashboard Edition on z/OS product, they should both be installed in the same CSI target and distribution zones. This ensures the maintenance level of the Engine and Management Server components, which are used by both products, is at the same level. If they are installed in different CSI zones, you should check to ensure the maintenance levels of the Engine and Management Server components in both zones are the same or at a compatible level. This is also true for your runtime library environments (RTE).

The PSP bucket will have the most current information and must be reviewed before installation.

---

## 6.0 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of OMEGAMON for CICS on z/OS.

Please note the following points:

- If you want to install OMEGAMON for CICS on z/OS into its own SMP/E environment, consult the SMP/E manuals for instructions on creating and initializing the SMP/CSI and the SMP/E control data sets. Additionally, to assist you in doing this, IBM has provided samples to help you create an SMP/E environment at the following URL:

<http://www.ibm.com/support/docview.wss?rs=660&context=SSZJDU&uid=swg21066230>

- You can use the sample jobs that are provided to perform part or all of the installation tasks. The SMP/E jobs assume that all DDDEF entries that are required for SMP/E execution have been defined in appropriate zones.

---

### 6.1 Installing OMEGAMON for CICS on z/OS

#### 6.1.1 SMP/E Considerations for Installing OMEGAMON for CICS on z/OS

Use the SMP/E RECEIVE, APPLY, and ACCEPT commands to install this release of OMEGAMON for CICS on z/OS.

#### 6.1.2 SMP/E Options Subentry Values

The recommended values for certain SMP/E CSI subentries are shown in Figure 19. Using values lower than the recommended values can result in failures in the installation. DSSPACE is a subentry in the GLOBAL options entry. PEMAX is a subentry of the GENERAL entry in the GLOBAL options entry. See the SMP/E manuals for instructions on updating the global zone.

*Figure 19. SMP/E Options Subentry Values*

Subentry	Value	Comment
DSSPACE	300,1200,1200	Use 1200 directory blocks
PEMAX	SMP/E Default	IBM recommends using the SMP/E default for PEMAX.

### 6.1.3 SMP/E CALLLIBS Processing

OMEGAMON for CICS on z/OS uses the CALLLIBS function provided in SMP/E to resolve external references during installation. When OMEGAMON for CICS on z/OS is installed, ensure that DDDEFs exist for the following libraries:

- CSSLIB
- SCCNOBJ
- SCEEBND2
- SCEELIB
- SCEELKED
- SCLBSID
- SEZACMTX

**Note:** CALLLIBS uses the previous DDDEFs only to resolve the link-edit for OMEGAMON for CICS on z/OS. These data sets are not updated during the installation of OMEGAMON for CICS on z/OS.

### 6.1.4 Installation Job Generator Utility

A utility is available to generate the necessary installation jobs for this product and others that might be included in the product package deliverable. Be aware that not all products are supported at this time and maintenance might be required to get the latest updates for the Job Generator product selection table. It is recommended you use this job generation utility to create a set of jobs to install the product package when installing into an existing environment rather than using the sample jobs provided for each product.

The job generation utility is delivered in the z/OS Installation and Configuration Tool component of the Tivoli Management Services on z/OS product, which is a requisite of this product. This utility is enhanced thru the maintenance stream so there could be an issue if it is invoked from an environment without the latest maintenance. Ensure the latest maintenance is installed for the components of this product to get the latest updates for the Job Generator product selection table.

If you are installing for the first time into a new environment and don't have an existing environment available to invoke this utility, you must use the sample jobs for the Tivoli Management Services on z/OS product and install it first. This will install the FMID containing the job generation utility and the latest maintenance. Then you can invoke the utility from the target library TKANCUS to install other products in the package.

The job generation utility can be invoked from the SMP/E target library with the low-level qualifier of TKANCUS, launch the utility by using ISPF option 6 and entering the following command.

```
ex '&gbl_target_hi lev.TKANCUS'
```

Select "SMP/E-install z/OS products with Install Job Generator (JOBGEN)" from the z/OS Installation and Configuration Tool main menu.

You can use the online help available as a tutorial to become familiar with the utility and its processes.

### 6.1.4.1 Introduction to the Job Generator

The job generation utility creates a set of jobs to define a SMP/E environment (CSI and supporting data sets), allocate product libraries (target and distribution zone data sets and DDDEFS), and install the products (RECEIVE APPLY ACCEPT). You can use these jobs to create a totally new environment or to install the products into an existing CSI.

#### Processing Steps

- The jobs are generated from a series of ISPF interactive panels and ISPF file tailoring.
- The initial step is selection of the product mix. The set of products will determine any additions to the basic set of values needed to create the JCL.

**Note:** Install Job Generator (JOBGEN) output library: You can specify the Install Job Generator (JOBGEN) output library during the PARMGEN "KCIJPCFG Set up/Refresh PARMGEN work environment" configuration processing to reuse parameter values such as the jobcard and CSI values related to CALLLIBS and USS install directory override data.

#### Process Log

- One of the members of the generated job library is KCIJGLOG, which is the process log.
- This member shows the generating parameters and internal lists that were used to create the batch jobs.
- It also indicates which jobs were actually produced and need to be run. Note that the RECEIVE, APPLY, and ACCEPT jobs are always generated even if the selected products are already in the target CSI. In that case, the jobs install additional maintenance when available.

### 6.1.4.2 Product Selection

You can select one or more products from a table that will determine the set of FMIDs to install. You must select at least one product and you should always select the appropriate version of the IBM Tivoli Management Services on z/OS product (5698-A79) that is an installation requisite for this product offering. This will install the necessary FMIDs and maintenance for a new environment but also ensure any requisite maintenance will be processed when installing into an existing environment.

The selection table contains information about all of the supported products and might contain entries for products that you do not have or do not wish to install. Select only those products that are available in the package delivered and that you want to install.

### 6.1.4.3 Installing into an existing CSI

When the high-level qualifiers point to an existing environment, the job generation utility eliminates the jobs that allocate and initialize the CSI.

The job generation utility suppresses the creation of libraries that already exist in the target environment. Instead, the generator creates a job to determine whether sufficient space is available for any additional data to be installed into the libraries.

The member KCIJGANL is generated to report on the available space for each of the existing libraries that will have new data. However, KCIJGANL cannot check for the maintenance stream requirements.

The space analyzer function is very helpful in identifying data set space issues that might cause X37 abends during APPLY and ACCEPT processing.

### 6.1.4.4 Job Generator - Update Command

The job generation utility was enhanced to allow dynamic additions to the product table. The UPDATE routine is used to obtain additional data for products that are available but not yet included in the installation job generator table, KCIDJG00.

You must have the product RELFILES available on DASD in order to run this routine and all components of the product must be available. After a successful run, the output of this routine will replace the KCIDJG00 member of the work data set. If you make multiple changes to the data member be sure to save the original member as a backup.

**Note:** Not all products qualify for inclusion in the job generator process at this time. Refer to the online help for more information about this facility.

## 6.1.5 Sample Jobs

If you choose not to use the installation job generator utility documented in the previous section, you can use the sample jobs that were originally created for the products included in OMEGAMON for CICS on z/OS. This will require you to research and tailor each of the jobs accordingly. The Relfiles and member names for these sample jobs are provided in the following tables.

The sample jobs provided expect a CSI to exist already.

<i>Figure 20 (Page 1 of 2). Sample Installation Jobs for IBM OMEGAMON for CICS on z/OS</i>			
<b>Job Name</b>	<b>Job Type</b>	<b>Description</b>	<b>RELFILE</b>
KC5J3ALO	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.HKC5550.F18
KC5J4DDF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.HKC5550.F18
KC5J5REC	RECEIVE	Sample RECEIVE job	IBM.HKC5550.F18

Figure 20 (Page 2 of 2). Sample Installation Jobs for IBM OMEGAMON for CICS on z/OS

Job Name	Job Type	Description	RELFILE
KC5J6BDI	MKDIR	Sample job to invoke the supplied KGWMKDIR EXEC to allocate file system paths	IBM.HKC5550.F18
KC5J7APP	APPLY	Sample APPLY job	IBM.HKC5530.F18
KC5J8ACC	ACCEPT	Sample ACCEPT job	IBM.HKC5530.F18

Figure 21. Sample Installation Jobs for IBM Tivoli Discovery Library Adapter for z/OS

Job Name	Job Type	Description	RELFILE
IZDJALLO	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.HIZD310.F1
IZDJDDDF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.HIZD310.F1
IZDJRECD	RECEIVE	Sample RECEIVE job	IBM.HIZD310.F1
IZDJAPP	APPLY	Sample APPLY job	IBM.HIZD310.F1
IZDJACC	ACCEPT	Sample ACCEPT job	IBM.HIZD310.F1

**Note:** The DLA (HIZD310 FMID) component can be installed using the Job Generator utility or the sample jobs.

The installation of OMEGAMON for CICS on z/OS requires the Tivoli Enterprise Monitoring Server on z/OS be installed in the CSI. Refer to the *Program Directory for IBM Tivoli Management Services on z/OS* (GI11-4105) for installation instructions of its product components.

You can access the sample installation jobs by performing an SMP/E RECEIVE (refer to 6.1.8, "Perform SMP/E RECEIVE" on page 32) then copy the jobs from the relfiles to a work data set for editing and submission.

You can also copy the sample installation jobs from the tape or product files by submitting the following job. Depending on your distribution medium, use either the //TAPEIN or the //FILEIN DD statement and comment out or delete the other statement. Before you submit the job, add a job card and change the lowercase parameters to uppercase values to meet the requirements of your site.

```
//STEP1 EXEC PGM=IEBCOPY,REGION=4M
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.fmid.relfile,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.fmid.relfile,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jc1-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
```

```
//          SPACE=(TRK,(10,2,5))
//SYSUT3   DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN    DD *
           COPY INDD=xxxxIN,OUTDD=OUT
           SELECT MEMBER=(member-names)
/*
```

See the following information to update the statements in the previous sample:

**fmid.relfile** is the file name containing the installation jobs for each product listed previously in this section.

TAPEIN:

**tunit** is the unit value that matches the product package.

**volser** is the volume serial that matches the product package.

**x** is the tape file number that indicates the location of the data set name on the tape.

See the documentation that is provided by CBPDO for the location of IBM.fmid.relfile is on the tape.

FILEIN:

**filevol** is the volume serial of the DASD device where the downloaded files reside.

OUT:

**jcl-library-name** is the name of the output data set where the sample jobs are stored.

**dasdvol** is the volume serial of the DASD device where the output data set resides.

SYSIN:

**xxxxIN** is either TAPEIN or FILEIN depending on your input DD statement.

Change **member-names** to the list of members related to the **fmid.relfile** chosen for this job.

## 6.1.6 Allocate SMP/E Target and Distribution Libraries

Edit and submit the generated job KCIJGALO to allocate the SMP/E target and distribution libraries for OMEGAMON for CICS on z/OS.

If you are not using the generated allocation job, select the sample allocation job for each of the products included. Edit and submit it after making appropriate changes for your environment. Consult the instructions in the sample job for more information. Consider the following issues before submitting the job.

- If you are installing into an existing environment, you might have to remove lines for data sets that already exist.
- If you are installing into an existing environment that has the data sets already allocated, ensure sufficient space and directory blocks are available to support the requirement listed in the DASD tables. This might require you to reallocate some data sets to avoid x37 abends.

**Expected Return Codes and Messages: 0**

## 6.1.7 Create DDDEF Entries

Edit and submit the generated job KCIJGDDF to create DDDEF entries for the SMP/E target and distribution libraries for OMEGAMON for CICS on z/OS.

If you are not using the generated job, select the sample DDDEF job for each of the products included. Edit and submit it after making appropriate changes for your environment. Consult the instructions in the sample job for more information. If you are installing into an existing environment, you might have to remove lines for data sets that already exist.

**Expected Return Codes and Messages: 0**

## 6.1.8 Perform SMP/E RECEIVE

If you have obtained OMEGAMON for CICS on z/OS as part of a CBPDO, use the RCVPDO job in the CBPDO RIMLIB data set to receive the OMEGAMON for CICS on z/OS FMIDs, service, and HOLDDATA that are included on the CBPDO package. For more information, see the documentation that is included in the CBPDO.

You can also choose to edit and submit the generated KCIJGREC job or select the sample job for each of the products included to perform the SMP/E RECEIVE for OMEGAMON for CICS on z/OS. Consult the instructions in the sample job for more information.

**Expected Return Codes and Messages: 0**

## 6.1.9 Allocate, create and mount ZFS Files (Optional)

This job allocates, creates a mountpoint, and mounts zFS data sets.

You can choose to create a new file system for this product installation by copying, editing, and submitting the JCL below. Add a job card and change all occurrences of the following lowercase variables to values suitable for your installation before submitting.

#zfsdsn - The dsname of your zFS directory.  
#volser - The volume serial number for the DASD that will contain the new file system.  
#zfsdir - The zFS directory where this product will be installed.  
The recommended mountpoint is /-PathPrefix-/usr/lpp/kan.  
The zFS directory tree is case sensitive. Ensure #zfsdir is an absolute path name and begins with a slash (/).

```

//*****
//* ALLOCZ This step allocates your zFS data set.          *
//*****
//ALLOCZ EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
    DEFINE CLUSTER(NAME(#zfsdsn) -
        LINEAR CYLINDERS(15 5) SHAREOPTIONS(3) VOLUMES(#volser))
/*
//*****
//* FORMAT This step formats your newly created zFS data set. *
//* When executing the IOEAGFMT program you must have      *
//* superuser authority (UID 0) or READ authority to the    *
//* SUPERUSER.FILESYS.PFSCTL profile in the UNIXPRIV class. *
//*****
//FORMAT EXEC PGM=IOEAGFMT,REGION=0M,
//      PARM=(' -aggregate #zfsdsn -compat')
//STEPLIB DD DSN=IOE.SIOELMOD,DISP=SHR
//SYSPRINT DD SYSOUT=*
//*****
//* MAKEDIR This step creates the directory path for your  *
//* Mount Point                                           *
//*****
//MAKEDIR EXEC PGM=IKJEFT01
//SYSTSPRT DD SYSOUT=*
//SYSTSIN DD *
    PROFILE WTPMSG MSGID
    MKDIR '#zfsdir' MODE(7,5,5)
    PROFILE
/*
//*****
//* MOUNT This step MOUNTS your newly created zFS File System *
//* using the AGGRGROW parameter.                          *
//*****
//MOUNT EXEC PGM=IKJEFT01
//SYSTSPRT DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//SYSTSIN DD *
    MOUNT FILESYSTEM('#zfsdsn') +
        TYPE(ZFS) MODE(RDWR) PARM('AGGRGROW') +
        MOUNTPOINT('#zfsdir')
/*

```

### Expected Return Codes and Messages: 0

## 6.1.10 Allocate File System Paths

If you are installing the OMEGAMON for CICS TG on z/OS component, edit and submit the generated job KCIJGBDI to define the file system paths.

If you are not using the generated job, select the sample job KC5J6BDI. Edit and submit it after making appropriate changes for your environment. Consult the instructions in the sample job for more information. Consider the following items before submitting the job.

### Important Notes:

1. The Relfile containing the KGWMKDIR exec must be available prior to running this job. The Relfile needed is HKGW530.F14 and should be available after running the Receive job.
2. This job must be run before the Apply job.
3. This job must be run by a user ID that has superuser authority (UID=0) or read access to resource BPX.SUPERUSER under the FACILITY profile and superuser authority must be activated.
4. The user ID must have read access to the BPX.FILEATTR.APF resource profile in the RACF FACILITY class.
5. If you plan to create a new file system for this product, ensure it is created before submitting this job to define file system paths.
6. The file system must be in read/write mode before this job is run.
7. If you create a new file system for OMEGAMON for CICS on z/OS, consider updating the BPXPRMxx PARMLIB member to mount the new file system at IPL time. This action can be helpful if an IPL occurs before the installation is completed.

### Expected Return Codes and Messages: 0

## 6.1.11 Perform SMP/E APPLY

Ensure that you have the latest HOLDDATA, then edit and submit the generated job KCIJGAPP to perform an SMP/E APPLY CHECK for OMEGAMON for CICS on z/OS.

If you are not using the generated job, select the sample APPLY job for each of the products included. Edit and submit it after making appropriate changes for your environment. Consult the instructions in the sample job for more information.

### Important Notes:

1. If the OMEGAMON for CICS TG on z/OS component is being installed, the APPLY job must be run by a user ID that has superuser authority (UID=0) or read access to resource BPX.SUPERUSER under the FACILITY profile and superuser authority must be activated.
2. The user ID must also have read access to the BPX.FILEATTR.APF resource profile in the RACF FACILITY class. This is required for the script to execute successfully and maintain the APF-authorized attributes for all executables and DLLs during unpax.

3. The file system must be in read/write mode before this job is run.

The latest HOLDDATA is available through several different portals, including <http://service.software.ibm.com/holddata/390holddata.html>. The latest HOLDDATA may identify HIPER and FIXCAT APARs for the FMIDs you will be installing. An APPLY CHECK will help you determine if any HIPER or FIXCAT APARs are applicable to the FMIDs you are installing. If there are any applicable HIPER or FIXCAT APARs, the APPLY CHECK will also identify fixing PTFs that will resolve the APARs, if a fixing PTF is available.

You should install the FMIDs regardless of the status of unresolved HIPER or FIXCAT APARs. However, do not deploy the software until the unresolved HIPER and FIXCAT APARs have been analyzed to determine their applicability. That is, before deploying the software either ensure fixing PTFs are applied to resolve all HIPER or FIXCAT APARs, or ensure the problems reported by all HIPER or FIXCAT APARs are not applicable to your environment.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the PRE, ID, REQ, and IFREQ on the APPLY CHECK. The SMP/E root cause analysis identifies the cause only of *errors* and not of *warnings* (SMP/E treats bypassed PRE, ID, REQ, and IFREQ conditions as warnings, instead of errors).

Here are sample APPLY commands:

1. To ensure that all recommended and critical service is installed with the FMIDs, receive the latest HOLDDATA and use the APPLY CHECK command as follows

```
APPLY S(fmid,fmid,...) CHECK
FORFMID(fmid,fmid,...)
SOURCEID(RSU*)
FIXCAT(IBM.ProductInstall-RequiredService)
GROUPEXTEND .
```

Some HIPER APARs might not have fixing PTFs available yet. You should analyze the symptom flags for the unresolved HIPER APARs to determine if the reported problem is applicable to your environment and if you should bypass the specific ERROR HOLDS in order to continue the installation of the FMIDs.

This method requires more initial research, but can provide resolution for all HIPERs that have fixing PTFs available and are not in a PE chain. Unresolved PEs or HIPERs might still exist and require the use of BYPASS.

2. To install the FMIDs without regard for unresolved HIPER APARs, you can add the BYPASS(HOLDCLASS(HIPER)) operand to the APPLY CHECK command. This will allow you to install FMIDs even though one or more unresolved HIPER APARs exist. After the FMIDs are installed, use the SMP/E REPORT ERRSYSMODS command to identify unresolved HIPER APARs and any fixing PTFs.

```

APPLY S(fmid,fmid,...) CHECK
FORFMID(fmid,fmid,...)
SOURCEID(RSU*)
FIXCAT(IBM.ProductInstall-RequiredService)
GROUPEXTEND
BYPASS(HOLDCLASS(HIPER)) .
..any other parameters documented in the program directory

```

This method is quicker, but requires subsequent review of the Exception SYSMOD report produced by the REPORT ERRSYSMODS command to investigate any unresolved HIPERs. If you have received the latest HOLDDATA, you can also choose to use the REPORT MISSINGFIX command and specify Fix Category IBM.ProductInstall-RequiredService to investigate missing recommended service.

If you bypass HOLDS during the installation of the FMIDs because fixing PTFs are not yet available, you can be notified when the fixing PTFs are available by using the APAR Status Tracking (AST) function of ServiceLink or the APAR Tracking function of ResourceLink.

### Expected Return Codes and Messages from APPLY CHECK: 0

After you take actions that are indicated by the APPLY CHECK, remove the CHECK operand and run the job again to perform the APPLY.

**Note:** The GROUPEXTEND operand indicates that SMP/E applies all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

If the BYPASS operand is not included in the control statement when processing a PTF with a ++HOLD statement, the job will get a return code of 12 and the following message.

```

GIM30206E command PROCESSING FAILED FOR SYSMOD sysmod.
          HOLD REASON IDS WERE NOT RESOLVED.

```

### Expected Return Codes and Messages from APPLY: 4

You can receive many of the following messages depending on your environment. These messages can be ignored, because they will not affect product execution.

```

GIM23913W LINK-EDIT PROCESSING FOR SYSMOD aaaaaaa
          WAS SUCCESSFUL FOR MODULE bbbbbbbb IN
          LMOD cccccccc IN THE dddddddd LIBRARY. THE
          RETURN CODE WAS ee. DATE yy.ddd -- TIME
          hh:mm:ss -- SEQUENCE NUMBER nnnnnn --
          SYSPRINT FILE ffffffff.

```

```

IEW2454W SYMBOL symbo1 UNRESOLVED. NO AUTOCALL (NCAL) SPECIFIED.

```

Figure 22 on page 37 contains a list of elements that might be marked as not selected during the APPLY and ACCEPT processes. This might occur because a VERSION parameter was supplied in an FMID indicating that it contained a higher level version of the same element provided by another FMID being processed at the same time. The higher version element is selected for processing and the lower version

is not selected for processing. It might also occur because maintenance is being installed at the same time as the FMIDs.

<i>Figure 22. SMP/E Elements Not Selected</i>					
IZDCDEF	IZDCICSA	IZDCICSC	IZDCICSD	IZDCICSF	IZDCICSM
IZDCICSO	IZDCICSP	IZDCICSS	IZDCICST	IZDIRSCJ	IZDIRSCX
IZDISDBD	IZDISDPD	IZDISPRD	IZDISSD	IZDISTRD	IZDRDLA
IZDSNETS	IZDSSUBI	IZDUSTRN	KGWDINFO		

After installing new function, you should perform two operations:

1. Create a backup of the updated data sets, including any SMP/E data sets affected, in case something happens to the data sets during the next phase.
2. Do some testing before putting the new function into production.

After you are satisfied that an applied SYSMOD has performed reliably in your target system, you can install it in your distribution libraries using the ACCEPT process.

Another good practice is to accept most SYSMODs, particularly FMIDs, before performing another APPLY process. This provides you the ability to use the RESTORE process of SMP/E and to support the scenario where SMP/E needs to create a new load module from the distribution libraries during the APPLY process.

## 6.1.12 Perform SMP/E ACCEPT

Edit and submit the generated job KCIJGACC to perform an SMP/E ACCEPT CHECK for OMEGAMON for CICS on z/OS.

If you are not using the generated job, select the sample ACCEPT job for each of the products included. Edit and submit it after making appropriate changes for your environment. Consult the instructions in the sample job for more information.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the PRE, ID, REQ, and IFREQ on the ACCEPT CHECK. The SMP/E root cause analysis identifies the cause of *errors* but not *warnings* (SMP/E treats bypassed PRE, ID, REQ, and IFREQ conditions as warnings rather than errors).

Before you use SMP/E to load new distribution libraries, it is recommended that you set the ACCJCLIN indicator in the distribution zone. In this way, you can save the entries that are produced from JCLIN in the distribution zone whenever a SYSMOD that contains inline JCLIN is accepted. For more information about the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E Commands documentation for details.

### Expected Return Codes and Messages from ACCEPT CHECK: 0

After you take actions that are indicated by the ACCEPT CHECK, remove the CHECK operand and run the job again to perform the ACCEPT.

**Note:** The GROUPEXTEND operand indicates that SMP/E accepts all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

If the BYPASS operand is not included in the control statement when processing a PTF with a ++HOLD statement, the job will get a return code of 12 and the following message.

```
GIM30206E command PROCESSING FAILED FOR SYSMOD sysmod.  
        HOLD REASON IDS WERE NOT RESOLVED.
```

If PTFs that contain replacement modules are accepted, SMP/E ACCEPT processing will link-edit or bind the modules into the distribution libraries. During this processing, the Linkage Editor or Binder might issue messages that indicate unresolved external references, which will result in a return code of 4 during the ACCEPT phase. You can ignore these messages, because the distribution libraries are not executable and the unresolved external references do not affect the executable system libraries.

#### **Expected Return Codes and Messages from ACCEPT: 4**

Figure 22 on page 37 contains a list of elements that might be marked as not selected during the APPLY and ACCEPT processes. This might occur because a VERSION parameter was supplied in an FMID indicating that it contained a higher level version of the same element provided by another FMID being processed at the same time. The higher version element is selected for processing and the lower version is not selected for processing. It might also occur because maintenance is being installed at the same time as the FMIDs.

### 6.1.13 Cleaning Up Obsolete Data Sets, Paths, and DDDEFs

The following data sets, which were allocated and used by previous releases of this product, are no longer used in this release. You can delete these obsolete data sets after you delete the previous release from your system.

- #dsthlq.DKGWJAR

The following file system paths, which were created and used by previous releases of this product, are no longer used in this release. You can delete these obsolete file system paths after you delete the previous release from your system.

- #hfmdir/usr/lpp/kgw/v420/bin/IBM
- #hfmdir/usr/lpp/kgw/v420/bin
- #hfmdir/usr/lpp/kgw/v420
- #hfmdir/usr/lpp/kgw

The following DDDEF entries, which were created and used by previous releases of this product, are no longer used in this release. You can delete these obsolete DDDEF entries after you delete the previous release from your system.

- TKGWJAR
- DKGWJAR

---

## 6.2 Activating OMEGAMON for CICS on z/OS

Prior to activating OMEGAMON for CICS on z/OS, IBM recommends you review the Quick Start Guide, **First time deployment guide (FTU installation and configuration tasks)**, as well as the Planning and Configuring topics if you have not already done so. This documentation focuses on the things you will need to know for a successful installation and configuration of this product.

**Note:** Install Job Generator (JOBGEN) output library: You can specify the Install Job Generator (JOBGEN) output library during the PARMGEN "KCIJPCFG Set up/Refresh PARMGEN work environment" configuration processing to reuse parameter values such as the jobcard and CSI values related to CALLLIBS and USS install directory override data.

The *Planning and Configuration Guide* documentation contains the step-by-step procedures to activate the functions of OMEGAMON for CICS on z/OS.

This documentation can be found online at:

<http://www.ibm.com/support/knowledgecenter/SSLSDR>

## 6.2.1 File System Execution

If you mount the file system in which you have installed OMEGAMON for CICS TG on z/OS component in read-only mode during execution, then you do not have to take further actions. .\*

---

## 7.0 Notices

This information was developed for products and services offered in the U.S.A. IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

APAR numbers are provided in this document to assist in locating PTFs that may be required. Ongoing problem reporting may result in additional APARs being created. Therefore, the APAR lists in this document may not be complete. To obtain current service recommendations and to identify current product service requirements, always contact the IBM Customer Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

IBM may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to the

IBM Director of Licensing  
IBM Corporation  
North Castle Drive  
Armonk, New York 10504-1785  
USA

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

Intellectual Property Licensing  
Legal and Intellectual Property Law  
IBM Japan, Ltd.  
19-21, Nihonbashi-Hakozakicho, Chuo-ku  
Tokyo 103-8510, Japan

---

## 7.1 Trademarks

IBM, the IBM logo, and [ibm.com](http://ibm.com) are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at [www.ibm.com/legal/copytrade.shtml](http://www.ibm.com/legal/copytrade.shtml).

---

## Contacting IBM Software Support

For support for this or any IBM product, you can contact IBM Software Support in one of the following ways:

Submit a problem management record (PMR) electronically at **IBMSERV/IBMLINK**.

Submit a problem management record (PMR) electronically from the support Web site at:

<http://www.ibm.com/software/sysmgmt/products/support/>

You can also review the *IBM Software Support Handbook*, which is available on the Web site listed above. An *End of Support Matrix* is provided that tells you when products you are using are nearing the end of support date for a particular version or release.

When you contact IBM Software Support, be prepared to provide identification information for your company so that support personnel can readily assist you. Company identification information might also be needed to access various online services available on the Web site.

The support Web site offers extensive information, including a guide to support services (the *IBM Software Support Handbook*); frequently asked questions (FAQs); and documentation for all products, including Release Notes, Redbooks, and Whitepapers. The documentation for some product releases is available in both PDF and HTML formats. Translated documents are also available for some product releases.





Printed in USA

G113-2212-03

