z/OS Communications Server

Documentation changes for APAR PH56747

ReplaceSubjectAtSign configuration option for CSSMTP

Version 2 Release 5

z/OS Communications Server

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z/OS Communications Server

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NEW FUNCTION SUMMARY

ReplaceSubjectAtSign configuration option for CSSMTP

z/OS V2R5 with TCP/IP APAR PH56747 enables customization of the Communications Server SMTP (CSSMTP) processing of the at sign (@) symbol in the mail message subject line. The existing AtSign option allows CSSMTP to recognize a different character as the industry standard at sign (@) symbol and replace it in the mail message commands and headers. You can use the new option ReplaceSubjectAtSign to indicate whether the mail message subject line should be updated or not.

Using ReplaceSubjectAtSign configuration option for CSSMTP

To use ReplaceSubjectAtSign configuration option for CSSMTP, perform the tasks in Table 1. FTP server JES access control.

Table 1. ReplaceSubjectAtSign configuration option for CSSMTP

Task/Procedure	Reference
If the CSSMTP Option AtSign parameter is configured as a value other than the default, use the ReplaceSubjectAtSign option to indicate whether the message subject line should be updated	See ReplaceSubjectAtSign parameter on the Options statement in IP Configuration Reference

General updates for the non-PROFILE.TCPIP IP configuration files

Table 2. New and changed non-PROFILE.TCPIP configuration files for z/OS3.1

Table 2. New and changed non-PROFILE.TCPIP configuration files for z/OS3.1

New and changed non-PROFILE.TCPIP configuration files for z/OS3.1			
File	**Statement**	**Description**	**Reason for change**
CSSMTP	Options	A new parameter ReplaceSubjectAtSign is added.	ReplaceSubjectAtSign configuration option for CSSMTP

Real-time network monitoring TCP/IP NMI

z/OS Communications Server

Table 3. New Communications Server real-time TCP/IP NMI for z/OS 3.1

Table 3. New Communications Server real-time TCP/IP NMI for z/OS 3.1

NMI	Request/Response	Description	Reason for change
Real-time SMF NMI (SYSTCPSM)	SMF type 119, subtype 48	FTP server JES access control	ReplaceSubjectAtSign configuration option for CSSMTP

CSSMTP configuration statements

Table 4. CSSMTP configuration statements

Configuration file statement	Default	Required or optional	Update allowed by modify refresh	Purpose
Options	• AtSign @ • DataLineTrunc No • NullTrnc No • TestMode No • TLSEhlo No • ReplaceSubjectAtsign Yes	Optional	Yes (except TestMode)	CSSMTP options

OPTION STATEMENT

```
.- ReplaceSubjectAtSign Yes------------------.
>>-+-----------------------------------------------------><
'- ReplaceSubjectAtSign  -------Yes-----------'
                       '---------------------'
                               '----No----------'
```

AtSign

Specifies the at sign symbol that is used in SMTP mail message commands and headers. CSSMTP updates mail message commands and headers by replacing the specified AtSign symbol with the industry standard at sign symbol @. Note that mail messages that are using the industry standard at sign symbol are not changed.

@

This is the default value.

symbol

symbol is the at sign character that is used in mail message commands and headers. It can be any character except the following:

ABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789abcdefghijklmnopqrstuvwxyz+*/,.&()'-=:"%<>?;\

Tips:

- If you do not want the mail subject line to be updated, you can set the ReplaceSubjectAtSign option to No.
- This parameter simplifies migration from SMTPD to CSSMTP for customers that use a code page other than the default IBM®-1047 and that have modified mail generation programs to generate mail addresses with an at sign character other than the industry standard @. To avoid updating existing mail generation programs when migrating from SMTPD to CSSMTP, you can configure the AtSign parameter with the character that is used by the mail generation programs for the at sign. CSSMTP updates mail message commands and headers by replacing the specified AtSign symbol with the industry standard at sign symbol @.

Guideline: If you want to specify the AtSign symbol in a code page other than the default IBM-1047, use the CSSMTP_CODEPAGE_CONFIG environment variable.

Result: If the AtSign option is not specified, the default value @ is processed using code page IBM-1047.

ReplaceSubjectAtSign

Specifies whether the mail subject line should be updated based on the setting of the AtSign option.

Yes

The mail subject line will be updated based on the setting of the AtSign option. This is the default.

No

The mail subject line will not be updated based on the setting of the AtSign option.

CSSMTP configuration record (CONFIG subtype 48)

Table 5. CSSMTP started or from MODIFY REFRESH command

Offset	Name(Dim)	Length	Type	Description
...	...		...	...
2(X'2')	SMF119ML_CF_SmfConfg		1...	SMF119 Config 0-No 1-Yes
	SMF119ML_CF_SmfConn		.1..	SMF119 Connect 0-No 1-Yes
	SMF119ML_CF_SmfMail		..1.	SMF119 Mail 0-No 1-Yes
	SMF119ML_CF_SmfSpool		...1	SMF119 Spool 0-No 1-Yes
	SMF119ML_CF_SmfStats		.... 1...	SMF119 Stats 0-No 1-Yes
	SMF119ML_CF_RplcSubjectAtSign		.... .1..	SMF119 ReplaceSubjectAtSign 1-No 0-Yes

MODIFY command: Communications Server SMTP application (CSSMTP)

Examples:

Example 2: The MODIFY DISPLAY,CONFIG command displays the current configuration that is being used by CSSMTP.

```
OPTIONS:
 NULLTRNC              : YES        DATALINETRUNC    : NO
 ATSIGN                : 7C         REPLACESUBJECTATSIGN : YES
 TLSEHLO               : NO         TESTMODE             : NO
```

New and changed System Management Facilities (SMF) records for z/OS 3.1

Table 6. New and changed System Management Facilities (SMF) records for z/OS 3.1

Table 6. New and changed System Management Facilities (SMF) records for z/OS 3.1

SMF record	z/OS Element or feature	Description	Documented in
SMF Type 119, CONFIG subtype 48	Communications Server	New flag defined: SMF119ML_CF_RplcSubjectAtSign **Reason for change:** ReplaceSubjectAtSign configuration option for CSSMTP	Communications Server

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