MME SMSC Service Configuration Mode Commands

The MME SMSC Service Configuration Mode is used to create and configure the MME SMSC services on this system. The SMSC peer service allows communication with SMSC peer.

Command Modes Exec > Global Configuration > Context Configuration > MME SGs Service Configuration

configure > context *context_name* **> smsc-service** *smsc_svc_name*

Entering the above command sequence results in the following prompt:

[*context_name*]*host_name*(config-smsc-service)#

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Important The commands or keywords/variables that are available are dependent on platform type, product version, and installed license(s).

diameter

This command configures the Diameter interface to be associated with the SMSC service.

Product MME

Privilege Administrator

Command Modes Exec > Global Configuration > Context Configuration > MME SMSC Service Configuration

configure > context *context_name* **> smsc-service** *smsc_svc_name*

Entering the above command sequence results in the following prompt:

[*context_name*]*host_name*(config-smsc-service)#

| Syntax Description | `diameter { dictionary standard | endpoint endpoint_name }`
`default diameter dictionary`
`no diameter endpoint` |

default

Configures the default setting.

no

Removes the previous Diameter endpoint configuration.

diameter

Configures the Diameter interface.

dictionary standard

Configures the standard SGd dictionary.

endpoint *endpoint_name*

Enables Diameter to be used for accounting, and specifies which Diameter endpoint to use. *endpoint_name* must be an alphanumeric string of 1 through 63 characters.

| Usage Guidelines | Use this command to configure the Diameter interface. |

Example

The following command configures the Diameter endpoint named *test* to the SMSC service:

`diameter endpoint test`

end

Exits the current configuration mode and returns to the Exec mode.

Product	All
Privilege	Security Administrator, Administrator
Syntax Description	`end`
Usage Guidelines	Use this command to return to the Exec mode.

exit

Exits the current mode and returns to the parent configuration mode.

Product	All
Privilege	Security Administrator, Administrator
Syntax Description	`exit`
Usage Guidelines	Use this command to return to the parent configuration mode.

mme-address

This command configures the MME address to send SMS on the SGd interface.

Product	MME
Privilege	Administrator
Command Modes	Exec > Global Configuration > Context Configuration > MME SMSC Service Configuration
	configure > context *context_name* **> smsc-service** *smsc_svc_name*
	Entering the above command sequence results in the following prompt:
	[*context_name*]*host_name*(config-smsc-service)#
Syntax Description	`mme-address` *mme_address* `no mme-address`
	no Removes the previous MME address configuration.
	mme_address Specifies the MME address (ISDN identity) to send SMS on the SGd interface as an integer from 1 to 15.
Usage Guidelines	Use this command to configure the MME address to send SMS on the SGd interface.
	Example The following command configures the MME address with ISDN ID *491720499* to send SMS: `mme-address 491720499`

tmsi

This command configures the Temporary Mobile Subscriber Identity (TMSI) for the SMSC service.

Product	MME
Privilege	Administrator

tmsi

Command Modes	Exec > Global Configuration > Context Configuration > MME SMSC Service Configuration
	configure > context *context_name* **> smsc-service** *smsc_svc_name*
	Entering the above command sequence results in the following prompt:
	[*context_name*]*host_name*(config-smsc-service)#
Syntax Description	**tmsi** *tmsi_value* **non-broadcast mcc** *mcc_value* **mnc** *mnc_value* **lac** *lac_value*
	no tmsi

no

Removes the TMSI configuration.

tmsi_value

Specifies the 4-byte M-TMSI as an integer from 1 to 4294967295.

non-broadcast

Configures the non-broadcast Location Area Identifier (LAI).

mcc *mcc_value*

Configures the mobile country code (MCC) portion of non-broadcast LAI for the SMSC service. *mcc_value* must be an integer from 100 through 999.

mnc mnc_value

Configures the mobile network code (MNC) portion of non-broadcast LAI for the SMSC service. *mnc_value* must be a 2- or 3-digit integer from 00 through 999.

lac *lac_value*

Configures the location area code (LAC) value. *lac_value* must be an integer from 1 to 65535.

Usage Guidelines	Use this command to configure the TMSI to be sent to UE for the SMSC service.

Example

The following command configures the TMSI for the SMSC service with value set to *123456789012345*, MCC *123*, MNC *456* and LAC *654*:

tmsi 123456789012345 non-broadcast mcc 123 mnc 456 lac 654