



# MME SMSC Service Configuration Mode Commands

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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.

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## Command Modes

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

**configure** > **context** *context\_name* > **smsc-service** *smc\_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).

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# diameter

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

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**Product**

MME

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**Privilege**

Administrator

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**Command Modes**

Exec &gt; Global Configuration &gt; Context Configuration &gt; 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)#
```

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**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.

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**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.

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**Product**

All

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**Privilege**

Security Administrator, Administrator

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**Syntax Description**

**end**

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**Usage Guidelines**

Use this command to return to the Exec mode.

# exit

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

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**Product**

All

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**Privilege**

Security Administrator, Administrator

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**Syntax Description**

**exit**

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**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.

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**Product**

MME

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**Privilege**

Administrator

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**Command Modes**

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

**configure** > **context** *context\_name* > **smsc-service** *smc\_svc\_name*

Entering the above command sequence results in the following prompt:

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

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**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.

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**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.

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**Product**

MME

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**Privilege**

Administrator

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**Command Modes**

Exec &gt; Global Configuration &gt; Context Configuration &gt; 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)#
```

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**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.

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**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
```