



# 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)#
```



## Important

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



## Important

For information on common commands available in this configuration mode, refer to the [Common Commands](#) chapter.

- [diameter](#), on page 1
- [mme-address](#), on page 2
- [tmsi](#), on page 3

## 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
```

## 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

**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.

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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
```