



IMSI Group Configuration Mode Commands

The IMSI Group Configuration Mode provides commands to configure discrete list and range of International Mobile Subscriber Identity (IMSI) numbers.

Command Modes

Exec > Global Configuration > IMSI Group Configuration

configure > **imsi-group** *group_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-imsi-group) #
```



Important

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

- [do show, on page 1](#)
- [end, on page 2](#)
- [exit, on page 2](#)
- [imsi, on page 2](#)
- [range, on page 3](#)

do show

Executes all **show** commands while in Configuration mode.

Product

All

Privilege

Security Administrator, Administrator

Syntax Description

do show

Usage Guidelines

Use this command to run all Exec mode **show** commands while in Configuration mode. It is not necessary to exit the Config mode to run a **show** command.

The pipe character | is only available if the command is valid in the Exec mode.

**Caution**

There are some Exec mode **show** commands which are too resource intensive to run from Config mode. These include: **do show support collection**, **do show support details**, **do show support record** and **do show support summary**. If there is a restriction on a specific **show** command, the following error message is displayed:

```
Failure: Cannot execute 'do show support' command from Config mode.
```

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.

imsi

This command configures the discrete list of IMSI numbers.

Product

MME
SGSN

Privilege

Administrator

Command Modes

Exec > Global Configuration > IMSI Group Configuration
configure

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-imsi-group)#
```

Syntax Description

```
imsi mcc mcc_value mnc mnc_value msin msin_value  
no imsi mcc mcc_value mnc mnc_value msin msin_value
```

no

Deletes the specified IMSI numbers.

mcc *mcc_value*

Specifies the mobile country code (MCC) portion of the IMSI identifier. *mcc_value* is a three digit number between 0 and 999.

mnc *mcc_value*

Specifies the mobile network code (MNC) portion of the IMSI identifier. *mnc_value* is a two or three digit number between 0 and 999.

msin *msin_value*

Specifies the Mobile Subscriber Identification Number (MSIN) of the IMSI identifier. This keyword allows up to 500 MSINs to be configured per group. *value* is 9 or 10 digit MSIN.

Usage Guidelines

Use this command to specify the discrete list of IMSI numbers (Combination of discrete and range line is 20 per group).

Example

The following command configures the MCC as 334, MNC as 456 and MSIN as 123456789:

```
imsi mcc 334 mnc 456 msin 123456789
```

range

This command configures the range of IMSI numbers.

Product

MME
SGSN

Privilege

Administrator

Command Modes

Exec > Global Configuration > IMSI Group Configuration

configure

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-imsi-group)#
```

Syntax Description

```
range mcc mcc_value mnc mnc_value msin first start_range last end_range  
no range mcc mcc_value mnc mnc_value msin first start_range last end_range
```

no

Deletes the specified IMSI numbers.

mcc *mcc_value*

Specifies the mobile country code (MCC) portion of the IMSI identifier. *mcc_value* is a three digit number between 0 and 999.

mnc *mcc_value*

Specifies the mobile network code (MNC) portion of the IMSI identifier. *mnc_value* is a two or three digit number between 0 and 999.

msin first *start_range* last *end_range*

Specifies the Mobile Subscriber Identification Number (MSIN) prefix range. *start_range* and *end_range* are 9 or 10 digit MSIN numbers.

Usage Guidelines

Use this command to configure the IMSI range.

Example

The following command configures the MCC as 334, MNC as 456 and MSIN range as 123456789 and 234567890:

```
range mcc 334 mnc 456 msin first 123456789 last 234567890
```