



# 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).

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- [end, on page 2](#)
- [exit, on page 2](#)
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## 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)#
```

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**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.

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**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.

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**Product**

MME  
SGSN

---

**Privilege**

Administrator

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**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
```