



# 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).



---

## Important

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

- [imsi](#), on page 1
- [range](#), on page 2

## 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
```

range