

LTE Peer Map Configuration Mode Commands

The LTE Peer Map Configuration Mode enables the operator to map LTE Policy to a peer profile based on matching criteria and precedence for the criteria.

Command Modes

Exec > Global Configuration > LTE Policy Configuration > LTE Peer Map Configuration

configure > lte-policy > peer-map *map_name*

Entering the above command sequence results in the following prompt:

`[local]`*`host_name`*`(peer-map)#`

Important Available commands or keywords/variables vary based 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.

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precedence

Configures the matching criteria and precedence for mapping an LTE Policy with a peer profile.

Product

P-GW

SAEGW

S-GW

Privilege

Administrator

Command Modes

Exec > Global Configuration > LTE Policy Configuration > LTE Peer Map Configuration

configure > lte-policy > peer-map *map_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(peer-map)#
```

Syntax Description

```
precedence priority match-criteria { all peer-profile-name profile_name |
peer-ip-address { ip_address(IPv4/IPv6) | ip_address(IPv4/IPv6)/mask } [
serving-plmnid mcc mcc mnc mnc ] peer-profile-name profile_name |
serving-plmnid mcc mcc mnc mnc [ peer-ip-address { ip_address | ip_address/mask
 } ] peer-profile-name profile_name }
no precedence priority
```

no

Removes the selected precedence priority number from the peer map.

priority must be an integer from 1 to 1024.

priority

priority must be an integer from 1 to 1024. Precedence 1 has highest priority.

match-criteria

Defines the criteria to be used to match peer nodes.

all

Specifies that all peer nodes are to be associated with the peer map.

To map a peer to a profile when there is no specific criteria required, use the **all** keyword.

peer-profile-name *profile_name*

Sets the peer profile with which the matching criteria is associated.

profile_name must be an existing peer profile expressed as an alphanumeric string of 1 through 64 characters.

peer-ip-address *ip_address | ip_address/mask*

Specifies the IP address of the peer node.

ip_address must be specified using the standard IPv4 dotted decimal notation or colon notation for IPv6.

ip_address/mask must be specified using the standard IPv4 dotted decimal notation or colon notation for IPv6, followed by the mask.

serving-plmnid mcc *mcc* mnc *mnc*

Specifies serving nodes with criteria matching the PLMN ID (MCC and MNC) are to be associated with a specified peer map.

mcc *mcc*: Specifies the mobile country code (MCC) portion of the PLMN ID.

mcc must be a three-digit number between 100 and 999.

mnc *mnc*: Specifies the mobile network code (MNC) portion of the PLMN ID.

mnc must be a two- or three-digit number between 00 and 999.

Usage Guidelines

Use this command to map LTE Policy to a peer profile based on matching criteria and precedence for the criteria.

A maximum of 1024 precedence entries can be configured.

Example

The following command associates the peer profile named pp5 with peers associated with a serving node PLMN ID MCC of 111 and an MNC of 222:

```
precedence 100 match-criteria serving-plmnid mcc 111 mnc 222
peer-profile-name pp5
```

The following command associates the peer profile named pp5 with IP address of the peer node:

```
precedence 1 match-criteria peer-ip-address 209.165.200.225
PEER-profile-name pp5
```