HNB-RN PLMN Configuration Mode Commands

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Important   In Release 20 and later, HNBGW is not supported. Commands in this configuration mode must not be used in Release 20 and later. For more information, contact your Cisco account representative.

This HNB Radio Network PLMN configuration mode defines the radio network PLMN parameters related to the HNB-GW connection with a UMTS Femto radio network.

Command Modes   Exec > Global Configuration > Context Configuration > HNB-GW Service Configuration > HNB-RN PLMN Configuration

configure > context *context_name* **> hnbgw-service** *service_name* **> radio-network-plmn mcc** *mcc_number* **mnc** *mnc_number*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-hnbgw-radio-plmn)#
```

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

associate cs-network

From StarOS Release 14.0 onward this command is deprecated.

associate ps-network

From StarOS Release 14.0 onward this command is deprecated.

authorised-macro-lai

Configures the macro LAI based authorization parameters for this HNB-GW service.

Product	HNB-GW
Privilege	Security Administrator, Administrator
Command Modes	Exec > Global Configuration > Context Configuration > HNB-GW Service Configuration > HNB-RN PLMN Configuration

configure > context *context_name* **> hnbgw-service** *service_name* **> radio-network-plmn mcc** *mcc_number* **mnc** *mnc_number*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-hnbgw-radio-plmn)#
```

Syntax Description
```
authorised-macro-lai { macro-info-ie-absent-action { accept | reject } |
 mcc mcc_id mnc mnc_id lac range range_from to range_to }
default authorised-macro-lai macro-info-ie-absent-action
no authorised-macro-lai mccmcc_id mnc mnc_idlac range range_from to range_to
```

default

Configures the default parameters for macro LAI based authorization for the system configuration. Default action is to reject HNB if IE is absent.

no

Deletes the macro LAI based authorization parameters from the system configuration.

mcc-id

Specifies the MCC of pre-configured macro lai range for HNB authorization as a number, ranging from 100..999

mnc-id

Specifies the MNC of pre-configured macro lai range for HNB authorization, ranging from 00..999

lac range

Specifies the LAC of pre-configured macro LAI range for HNB authorization.

range_from

Specifies the LAC range minimum vlaue, which is an integer from 0..65535.

range_to

Specifies the LAC range maximum value, which is also an integer from 0..65535.

Usage Guidelines   Use this command to configure the macro LAI based authorization parameters for an existing HNB-GW service.

Example

The following command configures the default action for macro LAI based authorization for an existing HNB-GW service.

```
default authorised-macro-lai macro-info-ie-absent-action
```

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.

rnc-id

Configures the Radio Network Concentrator (RNC) identifier in a Radio Network PLMN associated with HNB-GW service. The RNC identifier is provided to the HNB during HNB-REGISTRATION.

Product	HNB-GW
Privilege	Security Administrator, Administrator
Command Modes	Exec > Global Configuration > Context Configuration > HNB-GW Service Configuration > HNB-RN PLMN Configuration

configure > context *context_name* **> hnbgw-service** *service_name* **> radio-network-plmn mcc** *mcc_number* **mnc** *mnc_number*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-hnbgw-radio-plmn)#
```

Syntax Description

```
[ no ] rnc-id rnc_id
```

no

Deletes the RNC id from the system configuration.

rnc-id

Specifies the RNC identifier as an integer from 0 through 4095.

Usage Guidelines

Use this command to configure RNC id for Radio Network PLMN which will be sent to HNBs from HNB-GW during HNB-REGISTRATION procedure. Depending upon the requirement the RNC Identifier can be provided at the desired granularity.

Example

The following command configures the HNB-GW service to return an RNC identifier as *102* when an HNB-REGISTRATION request is received:

```
global rnc-id 102
```