



# 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.

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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.

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## 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).

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- [mnc-id, on page 3](#)

## 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.

<b>Product</b>	HNB-GW
<b>Privilege</b>	Security Administrator, Administrator
<b>Command Modes</b>	Exec> Global Configuration > Context Configuration > HNB-GW Service Configuration > HNB-RN PLMN Configuration  <b>configure</b> > <b>context</b> <i>context_name</i> > <b>hnbgw-service</b> <i>service_name</i> > <b>radio-network-plmn</b> <b>mcc</b> <i>mcc_number</i> <b>mnc</b> <i>mnc_number</i>  Entering the above command sequence results in the following prompt: <pre>[context_name]host_name(config-hnbgw-radio-plmn)#</pre>
<b>Syntax Description</b>	<pre><b>authorised-macro-lai</b> { <b>macro-info-ie-absent-action</b> { <b>accept</b>   <b>reject</b> }   <b>mcc</b> <i>mcc_id</i> <b>mnc</b> <i>mnc_id</i> <b>lac range</b> <i>range_from</i> <b>to</b> <i>range_to</i> } <b>default authorised-macro-lai macro-info-ie-absent-action</b> <b>no authorised-macro-lai</b> <b>mcc</b><i>mcc_id</i> <b>mnc</b> <i>mnc_id</i><b>lac range</b> <i>range_from</i> <b>to</b> <i>range_to</i></pre> <p><b>default</b></p> <p>Configures the default parameters for macro LAI based authorization for the system configuration. Default action is to reject HNB if IE is absent.</p> <p><b>no</b></p> <p>Deletes the macro LAI based authorization parameters from the system configuration.</p> <p><b>mcc-id</b></p> <p>Specifies the MCC of pre-configured macro lai range for HNB authorization as a number, ranging from 100..999</p> <p><b>mnc-id</b></p> <p>Specifies the MNC of pre-configured macro lai range for HNB authorization, ranging from 00..999</p> <p><b>lac range</b></p> <p>Specifies the LAC of pre-configured macro LAI range for HNB authorization.</p>

***range\_from***

Specifies the LAC range minimum value, 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.

<b>Product</b>	HNB-GW
<b>Privilege</b>	Security Administrator, Administrator
<b>Command Modes</b>	Exec > Global Configuration > Context Configuration > HNB-GW Service Configuration > HNB-RN PLMN Configuration  <b>configure &gt; context</b> <i>context_name</i> > <b>hnbgw-service</b> <i>service_name</i> > <b>radio-network-plmn mcc</b> <i>mcc_number</i> <b>mnc</b> <i>mnc_number</i>  Entering the above command sequence results in the following prompt:  [ <i>context_name</i> ] <i>host_name</i> (config-hnbgw-radio-plmn) #
<b>Syntax Description</b>	[ <b>no</b> ] <b>rnc-id</b> <i>rnc_id</i>  <b>no</b> Deletes the RNC id from the system configuration.  <b>rnc-id</b> Specifies the RNC identifier as an integer from 0 through 4095.
<b>Usage Guidelines</b>	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.  <b>Example</b> The following command configures the HNB-GW service to return an RNC identifier as <i>102</i> when an HNB-REGISTRATION request is received:  <b>global rnc-id 102</b>