



# QCI - RAN ID Mapping Configuration Mode Commands

The QoS Class Index (QCI) Mapping Configuration Mode is used to map RAN profile IDs to QoS Class Indexes via the HRPD Serving Gateway (HSGW) in an eHRPD network.

## Command Modes

Exec > Global Configuration > QCI - RAN ID Mapping Configuration

**configure** > **profile-id-qci-mapping-table** *name*

Entering the above command sequence results in the following prompt:

```
[local] host_name(config-profile-id-qci-mapping-table) #
```



## Important

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

- [do show, on page 1](#)
- [end, on page 2](#)
- [exit, on page 2](#)
- [profile-id, on page 2](#)

## 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 mode and returns to the Exec Mode.

**Product**

All

**Privilege**

Security Administrator, Administrator

**Syntax Description**

**end**

**Usage Guidelines**

Change the mode back to the Exec mode.

## exit

Exits the current mode and returns to the previous mode.

**Product**

All

**Privilege**

Security Administrator, Administrator

**Syntax Description**

**exit**

**Usage Guidelines**

Return to the previous mode.

## profile-id

Maps a QCI ID to a RAN profile ID and modifies data flow bit rate ranges.

**Product**

HSGW

**Privilege**

Administrator

**Command Modes**

Exec > Global Configuration > QCI - RAN ID Mapping Configuration

**configure > profile-id-qci-mapping-table** *name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-profile-id-qci-mapping-table)#
```

**Syntax Description**

```

profile-id id qci num [ uplink { gbr rate [ mbr rate ] | mbr rate [ gbr rate
] } downlink { gbr rate [ mbr rate ] | mbr rate [ gbr rate ] ]
no profile-id id

```

**no**

Removes the specified profile ID entry from this map.

***id***

Specifies the profile ID to which a QCI ID will be mapped. *id* must be an integer value from 1 to 65535.

**qci *num***

Specifies the QCI number to which the profile ID will be mapped. *num* must be an integer value from 1 to 255.

**uplink**

Specifies that the guaranteed bit rate (GBR) and/or maximum bite rate (MBR) setting that follow this keyword will be applied to the uplink data flow.

**downlink**

Specifies that the guaranteed bit rate (GBR) and/or maximum bite rate (MBR) settings that follow this keyword will be applied to the downlink data flow.

**gbr *rate***

Specifies the guaranteed bit rate for the uplink or downlink data flow. *rate* must be an integer value from 0 to 4294967295.

**mbr *rate***

Specifies the maximum bit rate for the uplink or downlink data flow. *rate* must be an integer value from 0 to 4294967295.

**Usage Guidelines**

Use this command to map a QCI ID to a RAN profile ID and, optionally, modify data flow bit rate ranges.

**Example**

The following command maps a QCI ID (*1*) to a profile ID (*10*) and sets the uplink guaranteed bite rate to *10000* and the downlink guaranteed bit rate to *20000*:

```

profile-id 10 qci 1 uplink gbr 10000 downlink gbr 20000

```

profile-id