

Extended and Non-Standard QCI Values Support and Validation

- Feature Summary and Revision History, on page 1
- Feature Description, on page 1

Feature Summary and Revision History

Summary Data

Table 1: Summary Data

Applicable Product(s) or Functional Area	cnSGW-C
Applicable Platform(s)	SMI
Feature Default Setting	Enabled - Always-on
Related Documentation	

Revision History

Table 2: Revision History

Revision Details	Release
First introduced.	2021.02.3

Feature Description

This feature supports the following:

- Extended and Non-Standard QCI values as part of CSR | CBR | UBR | MBC call flows

- Extended and Non-Standard QCI values for DSCP marking
- Extended and Non-Standard QCI values for VoLTE marking

Validation for Extended and Non-Standard QCI Values

The following Extended QoS Class Identifier (QCI) and Non-Standard QCI (Operator-defined) values are validated for:

- **CSR | CBR | UBR | MBC Call Flows:** Validation is done for the following QCI values:

  Extended QCI: 65, 66, 69, 70, 80, 82, 83

  Non-Standard (Operator-defined) QCI: 128-154



Note As part of CSR | CBR | UBR | MBC call flows, values other than Standard / Extended / Operator-defined QCI range are also accepted. However, those values aren't supported as part of DSCP marking or VoLTE marking CLIs.

- **DSCP Marking:** Validation is done for the following QCI values:

  Extended QCI: 65, 66, 69, 70, 80, 82, 83

  Non-Standard (Operator-defined) QCI: 128-154

  For more information on DSCP Marking, see *DSCP Marking Support* chapter in the *UCC Serving Gateway Control Plane Function - Configuration and Administration Guide*.

Support and Validation for Extended and Non-Standard QCI Values for VoLTE Marking

In release prior to 2021.02.2, only Standard QCI values 1-9 were supported for VoLTE Marking.

In 2021.02.2 and later releases, support is added and validated for the following Extended and Non-Standard QCI values:

Extended QCI: 65, 66, 69, 70, 80, 82, 83

Non-Standard (Operator-defined) QCI: 128-154

For more information on VoLTE Marking, see *VoLTE Call Prioritization* chapter in the *UCC Serving Gateway Control Plane Function - Configuration and Administration Guide*.