

# Extended and Non-Standard QCI Values Support and Validation


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# 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*.