



DSCP marking for UC compliance

ONTAP System Manager

NetApp
December 14, 2020

This PDF was generated from https://docs.netapp.com/us-en/ontap/networking-app/dscp_marking_for_uc_compliance.html on December 17, 2020. Always check docs.netapp.com for the latest.

Table of Contents

DSCP marking for UC compliance 1

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You can enable differentiated services code point (DSCP) marking on outgoing (egress) IP packet traffic for a given protocol with a default or user-provided DSCP code. DSCP marking is a mechanism for classifying and managing network traffic and is a component of Unified Capability (UC) compliance.

DSCP marking (also known as QoS marking or quality of service marking) is enabled by providing an IPspace, protocol, and DSCP value. The protocols on which DSCP marking can be applied are NFS, CIFS, iSCSI, SnapMirror, NDMP, FTP, HTTP/HTTPS, SSH, Telnet, and SNMP.

If you do not provide a DSCP value when enabling DSCP marking for a given protocol, a default is used:

- The default value for data protocols/traffic is 0x0A (10).
- The default value for control protocols/traffic is 0x30 (48).

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