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**Telecommunications and exchange
between information technology
systems — Requirements for local and
metropolitan area networks —**

Part 1Q:

Bridges and bridged networks

AMENDMENT 3: Virtual station interface
(VSI) discovery and configuration
protocol (VDP) extension to support
network virtualization overlays over
layer 3 (NV03)

*Télécommunications et échange entre systèmes informatiques —
Exigences pour les réseaux locaux et métropolitains —*

Partie 1Q: Ponts et réseaux pontés

AMENDEMENT 3



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as amended by IEEE Std 802.1Qcp™-2018
and IEEE Std 802.1Qcc™-2018)

**IEEE Standard for
Local and Metropolitan Area Networks—**

Bridges and Bridged Networks

**Amendment 32:
Virtual Station Interface (VSI) Discovery and
Configuration Protocol (VDP) Extension to
Support Network Virtualization Overlays
Over Layer 3 (NVO3)**

Document Preview

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Abstract: Extensions to the Virtual Station Interface (VSI) Discovery and Configuration Protocol (VDP) to support using the protocol between an end station and a device doing encapsulation/decapsulation for Network Virtualization Overlays Over Layer 3 (NVO3) are specified in this amendment to IEEE Std 802.1Q-2018. The extensions include adding format types [e.g., Internet Protocol (IP) addresses] and enhancing indication of migration events.

Keywords: amendment, IEEE 802.1Q™, IEEE 802.1Qcy™, NVO3, VDP extension, VDP IP address extension

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