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AMENDMENT 1
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Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements —

Part 1Q: Bridges and bridged networks

AMENDMENT 1: Path control and reservation

Technologies de l'information — Télécommunications et échange d'information entre systèmes — Réseaux locaux et métropolitains — Exigences spécifiques —

Partie 1Q: Ponts et réseaux pontés

AMENDEMENT 1: Contrôle d'acheminement et réservation

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IEEE Std 802.1Qca™-2015
(Amendment to
IEEE Std 802.1Q™-2014
as amended by
IEEE Std 802.1Qcd™-2015 and
IEEE Std 802.1Q-2014/Cor 1-2015)

IEEE Standard for
Local and metropolitan area networks—

Bridges and Bridged Networks

Amendment 24: Path Control and Reservation

Sponsor

LAN/MAN Standards Committee
of the
IEEE Computer Society

Approved 3 September 2015

IEEE-SA Standards Board

Abstract: Explicit path control, bandwidth reservation, and redundancy (protection, restoration) for data flows are specified in this amendment to IEEE Std 802.1Q-2014.

Keywords: Bridge, Bridged Local Area Network, IEEE 802®, IEEE 802.1Q™, IEEE 802.1Qac™, LAN, local area network, metropolitan area network, Shortest Path Bridging, SPB, Virtual Bridged Local Area Network, virtual LAN

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Introduction

This introduction is not part of IEEE Std 802.1Qca™-2015, IEEE Standard for Local and metropolitan area networks—Bridges and Bridged Networks—Amendment 24: Path Control and Reservation.

This amendment to IEEE Std 802.1Q-2014 specifies protocol extensions, procedures and managed objects for explicit path control, bandwidth reservation, and redundancy (protection, restoration) for data flows.

This standard contains state-of-the-art material. The area covered by this standard is undergoing evolution. Revisions are anticipated within the next few years to clarify existing material, to correct possible errors, and to incorporate new related material. Information on the current revision state of this and other IEEE 802® standards may be obtained from

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