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ISO/IEC/IEEE 8802-1Q

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AMENDMENT 7
2019-02

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

Part 1Q: Bridges and bridged networks

AMENDMENT 7: Cyclic queuing and forwarding

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

Partie 1Q: Ponts et réseaux pontés

AMENDEMENT 7: Mise en file d'attente et transfert par cycle

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Institute of Electrical and Electronics Engineers, Inc
3 Park Avenue, New York
NY 10016-5997, USA

Email: stds.ipr@ieee.org
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IEEE Std 802.1Qch™-2017
(Amendment to
IEEE Std 802.1Q™-2014
as amended by
IEEE Std 802.1Qca™-2015,
IEEE Std 802.1Qcd™-2015,
IEEE Std 802.1Q-2014/Cor 1-2015,
IEEE Std 802.1Qbv™-2015,
IEEE Std 802.1Qbu™-2016,
IEEE Std 802.1Qbz™-2016, and
IEEE Std 802.1Qci™-2017)

IEEE Standard for
Local and metropolitan area networks—

Bridges and Bridged Networks—

Amendment 29: Cyclic Queuing and Forwarding

Sponsor

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of the
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Approved 18 May 2017

IEEE-SA Standards Board

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Abstract: The use of traffic scheduling and per-stream filtering and policing to support cyclic queuing and forwarding are described in this amendment to IEEE Std 802.1Q-2014.

Keywords: Bridged Local Area Networks, cyclic queuing and forwarding (CQF), IEEE 802®, IEEE 802.1Q™, IEEE Std 802.1Qbu™, IEEE 802.1Qbv™, IEEE 802.1Qch™, IEEE 802.1Qci™, local area networks (LANs), MAC Bridges, metropolitan area networks, scheduled traffic, Virtual Bridged Local Area Networks (virtual LANs)

The Institute of Electrical and Electronics Engineers, Inc.
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