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IEEE Standard for
Local and metropolitan area networks—

Bridges and Bridged Networks—

Amendment 29: Cyclic Queuing and Forwarding

IEEE Computer Society

Sponsored by the
LAN/MAN Standards Committee

IEEE
3 Park Avenue
New York, NY 10016-5997
USA

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)

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Approved 18 May 2017

IEEE-SA Standards Board

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.
3 Park Avenue, New York, NY 10016-5997, USA

Print: ISBN 978-1-5044-4095-0 STD22629
PDF: ISBN 978-1-5044-4096-7 STDPD22629

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Introduction

This introduction is not part of IEEE Std 802.1Qch-2017, IEEE Standard for Local and metropolitan area networks—Bridges and Bridged Networks—Amendment 29: Cyclic Queuing and Forwarding.

This amendment to IEEE Std 802.1Q-2014 describes the use of traffic scheduling and per-stream filtering and policing to support cyclic queuing and forwarding.

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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Contents

List of figures