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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 6: Per-stream filtering and
policing**

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

Partie 1Q: Ponts et réseaux pontés

AMENDEMENT 6: Régulation & filtrage par flux



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IEEE Std 802.1Qbu™-2016, and
IEEE Std 802.1Qbz™-2016)

**IEEE Standard for
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Bridges and Bridged Networks—

Amendment 28: Per-Stream Filtering and Policing

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Approved 14 February 2017

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Abstract: Enhancements to the forwarding process that support per-stream filtering and policing are provided in this amendment to IEEE Std 802.1Q-2014.

Keywords: Bridged Local Area Networks, IEEE 802[®], IEEE 802.1Q[™], IEEE Std 802.1Qbu[™], IEEE 802.1Qbv[™], IEEE Std 802.1Qbz[™], IEEE 802.1Qca[™], IEEE 802.1Qcd[™], IEEE 802.1Qci[™], local area networks (LANs), MAC Bridges, metropolitan area networks, per-stream filtering and policing, PSFP, scheduled traffic, Time-Sensitive Networking, Virtual Bridged Local Area Networks (virtual LANs)

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Introduction

This introduction is not part of IEEE Std 802.1Qci-2017, IEEE Standard for Local and metropolitan area networks—Bridges and Bridged Networks—Amendment 28: Per-Stream Filtering and Policing.

This amendment to IEEE Std 802.1Q-2014 provides enhancements to the forwarding process that support per-stream filtering and policing.

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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