

# P802.1Qcy

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**Submitter Email:** [glenn.parsons@ericsson.com](mailto:glenn.parsons@ericsson.com)

**Type of Project:** Amendment to IEEE Standard 802.1Q-2014

**PAR Request Date:** 22-Jul-2015

**PAR Approval Date:** 03-Sep-2015

**PAR Expiration Date:** 31-Dec-2019

**Status:** PAR for an Amendment to an existing IEEE Standard

**Project Record:** P802.1Qcy

**Root Project:** 802.1Q-2014

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**1.1 Project Number:** P802.1Qcy

**1.2 Type of Document:** Standard

**1.3 Life Cycle:** Full Use

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**2.1 Title:** Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks Amendment: Virtual Station Interface (VSI) Discovery and Configuration Protocol (VDP) Extension to Support Network Virtualization Overlays Over Layer 3 (NVO3)

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**3.1 Working Group:** Higher Layer LAN Protocols Working Group (C/LM/WG802.1)

**Contact Information for Working Group Chair**

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**3.2 Sponsoring Society and Committee:** IEEE Computer Society/LAN/MAN Standards Committee (C/LM)

**Contact Information for Sponsor Chair**

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**4.1 Type of Ballot:** Individual

**4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** 09/2017

**4.3 Projected Completion Date for Submittal to RevCom**

**Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 05/2018**

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**5.1 Approximate number of people expected to be actively involved in the development of this project:** 15

**5.2.a. Scope of the complete standard:** This standard specifies Bridges that interconnect individual LANs, each supporting the IEEE 802 MAC

Service using a different or identical media access control method, to provide Bridged Networks and VLANs.

**5.2.b. Scope of the project:** This standard specifies extensions to VDP to support using the protocol between an end station and a device doing encapsulation/decapsulation for NVO3. The extensions will include adding format types that include Internet Protocol (IP) addresses and enhancing indication of migration events.

**5.3 Is the completion of this standard dependent upon the completion of another standard:** No

**5.4 Purpose:** Bridges, as specified by this standard, allow the compatible interconnection of information technology equipment attached to separate individual LANs.

**5.5 Need for the Project:** This amendment extends VDP protocol to fulfill the requirements for the control plane protocol between the

virtualized end device (end station) and the external network virtualization edge (e.g. bridge or router) in an NVO3 network.

**5.6 Stakeholders for the Standard:** Developers, providers, and users of networking equipment and services, including networking IC developers, switch and NIC vendors, service providers, and end users.

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**Intellectual Property**

**6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?:** No

**6.1.b. Is the Sponsor aware of possible registration activity related to this project?:** No

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**7.1 Are there other standards or projects with a similar scope?:** No

**7.2 Joint Development**

**Is it the intent to develop this document jointly with another organization?:** No

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**8.1 Additional Explanatory Notes:** Per email request and approval at the December 2017 SASB meeting series, this number was changed from P802.1Qcn to P802.1Qcy.