

P802.1Q

Submitter Email: tony@jeffree.co.uk

Type of Project: Modify Existing Approved PAR

PAR Request Date: 20-Sep-2013

PAR Approval Date:

PAR Expiration Date:

Status: Unapproved PAR, Modification to a Previously Approved PAR for the Revision of a Standard

Root PAR: P802.1Q **Approved on:** 30-Aug-2012

1.1 Project Number: P802.1Q

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Local and metropolitan area networks--Bridges and Bridged Networks

Changes in title: Standard for Local and metropolitan area networks--~~Media Access Control (MAC) Bridges and Virtual Bridged~~ Local Area Networks

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

Contact Information for Working Group Chair

Name: Anthony Jeffree

Email Address: tony@jeffree.co.uk

Phone: +44-161-973-4278

Contact Information for Working Group Vice-Chair

Name: Glenn Parsons

Email Address: gparsons@ieee.org

Phone: 613-667-1569

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

Contact Information for Sponsor Chair

Name: Paul Nikolich

Email Address: p.nikolich@ieee.org

Phone: 857.205.0050

Contact Information for Standards Representative

Name: James Gilb

Email Address: gilb@ieee.org

Phone: 858-229-4822

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 05/2014

4.3 Projected Completion Date for Submittal to RevCom: 10/2014

5.1 Approximate number of people expected to be actively involved in the development of this project: 30

5.2 Scope: This standard specifies Bridges that interconnect individual Local Area Networks (LANs), each supporting the IEEE 802 MAC service using a different or identical media access control method, to provide Bridged Networks and Virtual LANs (VLANs).

Changes in scope: This standard specifies ~~Media Access Control (MAC) Bridges~~ that interconnect individual Local Area Networks (LANs), each supporting the IEEE 802 MAC service using a different or identical media access control method, to provide Bridged~~Local Area~~ Networks and Virtual LANs (VLANs).

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.

Changes in purpose: ~~MAC~~ 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 revision project is needed in order to incorporate approved amendments and to ensure that consistency is maintained in the consolidated text. It is also necessary to complete the process of merging the MAC bridging technology defined in IEEE Std 802.1D with the VLAN Bridging technology defined in IEEE Std 802.1Q in order to create a single standard for IEEE 802 Bridging technologies that was started in the 2011 revision. This will have benefits both for the users of these standards and also in terms of the long-term maintainability of the resultant standard.

5.6 Stakeholders for the Standard: Manufacturers, distributors, vendors, and users of Virtual LAN bridging equipment and components thereof.

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?: Yes

If yes please explain: This standard makes use of standard group MAC addresses and OID arcs assigned/administered under existing registration procedures/mechanisms administered by the RA. There will be no new registration activities required as a result of this revision to the standard.

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

8.1 Additional Explanatory Notes (Item Number and Explanation): The revision project has resulted in changes to the wording of the title, scope, and purpose that better reflect the scope and purpose of the combined Bridging standard that has resulted from the incorporation of IEEE Std 802.1D into the IEEE 802.1Q standard.