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This PAR is valid until 31-Dec-2009. The original PAR was approved on 22-Sep-2005

PAR Extension Request Date: 14-Jul-2009**Extension Request Submitter Email:** tony@jeffree.co.uk

Why is an extension required?: The working group has developed a number of drafts of this amendment, and is currently conducting a Working Group ballot on the latest draft. The amendment represents a considerable change to the base document (802.1Q) that it amends, and the development of the text has been more time-consuming than was expected. It is anticipated that Sponsor balloting of the project will commence early in 2010, so there is no possibility that Sponsor balloting will complete before the end date of the PAR (December 2009).

Do the title, scope and purpose match that of the current draft?: Yes**Number of Previous Extensions Requested:** 0**Number of Years Being Requested:** 2**Document Development Information**a. **What date did you begin writing the first draft?:** 04-Mar-2006b. **How many people are actively working on the project?:** 25c. **How many times a year does the working group meet?**

In person?: 6

Via teleconference?: 0

d. **How many times a year is a draft circulated to the working group via electronic means?:** 2e. **What percentage of the Draft is stable?:** 75%f. **How many significant work revisions has the Draft been through?:** 6**Project Plan****When will IEEE sponsor balloting begin?:** 31-Jul-2010**When do you estimate that the final IEEE Sponsor ballot will be completed?:** 31-Jul-2011**When do you expect to submit the proposed standard to RevCom?:** 30-Sep-2011**Has this document already been adopted by another source?:** No

For an extension request, the information on the original PAR below is not open to modification.

Type of Project: Amendment to IEEE Standard 802.1Q-2005**1.1 Project Number:** P802.1aq**1.2 Type of Document:** Standard**1.3 Life Cycle:** Full Use**2.1 Title:** Standard for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks – Amendment 8: Shortest Path Bridging**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:** Paul Congdon**Email Address:** paul.congdon@hp.com**Phone:** 916-785-5753**3.2 Sponsoring Society and Committee:** IEEE Computer Society/Local and Metropolitan Area Networks (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**

None

4.1 Type of Ballot: Individual**4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** 12/2007**4.3 Projected Completion Date for Submittal to RevCom:** 12/2008**5.1 Approximate number of people expected to be actively involved in the development of this project:** 50**5.2 Scope:** This standard specifies shortest path bridging of unicast and multicast frames, including protocols to calculate multiple active topologies that can share learnt station location information, and support of a VLAN by multiple, per topology, VLAN identifiers (VIDs).**5.3 Is the completion of this standard dependent upon the completion of another standard:** No**5.4 Purpose:** This amendment will augment the existing, successful, multi-vendor interoperable bridging specifications to allow use of shortest path communication within administratively defined network regions, while retaining concurrent support for all existing capabilities and configurations.**5.5 Need for the Project:** At present traffic for each VLAN (Virtual Local Area Network) is confined to a single spanning tree of bridges and LANs. By removing this restriction, this amendment will increase the bandwidth that can be supported by bridged subnetworks, improve network utilization, and minimize latency. The amended topology protocols will defend against bridge failures that cause long term network failures. This standard will be of benefit to manufacturers of conformant LAN equipment, their customers, and users of LANs or LAN services that are based on such equipment.**5.6 Stakeholders for the Standard:****Intellectual Property****6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board?:** Yes**If yes, state date:** 09-May-2005**6.1.b. Is the Sponsor aware of any copyright permissions needed for this project?:** No

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

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

7.2 International Activities

a. Adoption

Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?: No

b. Joint Development

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

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: No

8.1 Additional Explanatory Notes (Item Number and Explanation):

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