P802.1Qcj

Submitter Email: dromasca@avaya.com
Type of Project: Amendment to IEEE Standard 802.1Q-2014
PAR Request Date: 14-Jan-2015
PAR Approval Date: 
PAR Expiration Date: 
Status: Unapproved PAR, PAR for an Amendment to an existing IEEE Standard

1.1 Project Number: P802.1Qcj
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
Amendment: Automatic Attachment to Provider Backbone Bridging (PBB) services

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3.2 Sponsoring Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee (C/LM)
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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: 01/2017
4.3 Projected Completion Date for Submittal to RevCom: 10/2017

5.1 Approximate number of people expected to be actively involved in the development of this project: 35
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 the protocols, procedures and management objects for auto-attachment of network devices to Provider Backbone service instances by using Type, Length, Value (TLVs) within the Link Layer Discovery Protocol (LLDP)

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 simplifies the deployment and administration of PBB networks, e.g. controlled by Shortest Path Bridging (SPB), by allowing for automatic configuration of the virtual LANs and service identifiers, thus allowing access to services of network devices without the need of manual configuration.

5.6 Stakeholders for the Standard: Developers, providers, and users of networking services and equipment such as software developers,
bridge and NIC vendors, network operators and 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 (Item Number and Explanation):