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Submitter Email: tony@jeffree.co.uk
Type of Project: Amendment to IEEE Standard 802.1AX-2008

1.1 Project Number: P802.1AXbk
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Local and metropolitan area networks--Link Aggregation Amendment: Protocol addressing

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: 07/2011
4.3 Projected Completion Date for Submittal to RevCom: 12/2011

5.1 Approximate number of people expected to be actively involved in the development of this project: 25
5.2 Scope: This standard specifies changes to the addressing used by the link aggregation control and marker protocols.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: The purpose of this amendment is to change the constraints on the addresses used by the protocols defined in the 802.1AX standard in order to allow an aggregated link to span Two-Port Media Access Control (MAC) Relays and to span Provider Bridged Networks.

5.5 Need for the Project: IEEE Std 802.1aj defines a Two-Port MAC Relay (TPMR), which blocks the address currently used by the 802.1AX protocols. Similarly, Provider Bridged Networks defined in IEEE Std 802.1Q block the address currently used for the 802.1AX protocols. It is desirable to allow aggregated links to be selectively extended using TPMRs or Provider Bridged Networks. Changes to the protocol addressing are required to allow additional addresses to be used.

5.6 Stakeholders for the Standard: Developers, distributors, and users of networking equipment and services, including networking integrated circuit (IC) developers and switch vendors.

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 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

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8.1 Additional Explanatory Notes (Item Number and Explanation):

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