P802.3bc

Submitter Email: david_law@ieee.org
Type of Project: Amendment to IEEE Standard
PAR Request Date: 01-Dec-2008
PAR Approval Date: 30-Jan-2009
PAR Expiration Date: 31-Dec-2012
Status: PAR for an Amendment to an existing IEEE Standard 802.3-2008
Project Record: 802.3

1.1 Project Number: P802.3bc
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications
- Amendment: Ethernet Organizationally Specific Type, Length, Values (TLVs)

3.1 Working Group: Ethernet Working Group (C/LM/WG802.3)
Contact Information for Working Group Chair
  Name: David Law
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  Name: Wael Diab
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3.2 Sponsoring Society and Committee: IEEE Computer Society/Local and Metropolitan Area Networks (C/LM)
Contact Information for Sponsor Chair
  Name: Paul Nikolich
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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: 05/2009
4.3 Projected Completion Date for Submittal to RevCom: 09/2009

5.1 Approximate number of people expected to be actively involved in the development of this project: 10
5.2 Scope: The scope of this project is limited to amending IEEE Std 802.3 to add the specification of the IEEE 802.3 Organizationally Specific TLVs as currently specified in IEEE Std 802.1AB.
5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: The purpose of the amendment is to transfer the IEEE 802.3 Organizationally Specific TLVs currently specified in IEEE Std 802.1AB Station and Media Access Control Connectivity Discovery to IEEE Std 802.3.
5.5 Need for the Project: The IEEE 802.3 Organizationally Specific TLVs (type, length, value), information elements consisting of sequential type, length, and value fields, are currently specified in IEEE Std 802.1AB. This amendment will be limited to the transfer of these TLVs from IEEE Std 802.1AB to IEEE Std 802.3. The development of future IEEE 802.3 Organizationally Specific TLVs is more appropriate to specific amendment projects of the IEEE 802.3 standard.
5.6 Stakeholders for the Standard: The stakeholders include Etherent network component suppliers, system suppliers, management platform suppliers, network administrators.

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: 15-Sep-2008

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

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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): Text will be included in the current IEEE P802.1AB Revison that states that once the IEEE P802.3bc project is complete IEEE 802.3 Organizationally Specific TLVs in IEEE Std 802.1AB are deprecated. This will ensure that the IEEE 802.3 Organizationally Specific TLVs will only ever be specified in one place.