
myProject™ - P802.1AC PAR Detail

Submitter Email:**Type of Project:** Modification to Approved PAR**PAR Request Date:** 27-Jul-2005**PAR Approval Date:** 22-Sep-2005**PAR Expiration Date:** 31-Dec-2010**Status:** Modification to a Previously Approved PAR**Root PAR:** P802.1AC **Approved on:** 12-Sep-2002**Project Record:** 802.1AC

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

2.1 Title: Standard for Media Access Control (MAC) Service Definition**Old Title:** Standard for Media Access Control (MAC) Service Definition

3.1 Working Group: Higher Layer LAN Protocols Working Group (C/LM/WG802.1)**Contact Information for Working Group Chair****Name:** Anthony Jeffree**Email:** tony@jeffree.co.uk**Phone:** +44-161-973-4278**Contact Information for Working Group Vice-Chair****Name:** Paul Congdon**Email:** 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:** 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 for Initial Sponsor Ballot:** 07/2007**4.3 Projected Completion Date for Submittal to RevCom:** 07/2008

5.1 Approximate number of people expected to work on this project: 50**5.2 Scope:** The scope of this standard is to define the Medium Access Control Service found in Local and Metropolitan Area Networks, and the Internal Sublayer Service and Extended Internal Sublayer Service provided within MAC Bridges, in abstract terms of: a) their semantics, primitive actions and events; and b) the parameters of, interrelationship**Old Scope:** To define the Medium Access Control Service found in Local and Metropolitan Area Networks, and the Internal Sublayer Service and Extended Internal Sublayer Service provided within MAC Bridges, in abstract terms of: a) their

between, and valid sequences of, these actions and events.

semantics, primitive actions and events; and b) the parameters of, interrelationship between, and valid sequences of, these actions and events.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The MAC service was originally defined within an ISO/IEC standard (ISO/IEC 15802-1), and the Internal Sublayer Services are defined within IEEE 802.1D and IEEE 802.1Q. The purpose of this standard is to revise the documentation of these existing services within a single, common service definition standard. It is not the purpose of this project to make technical changes to these services.

Old Purpose The MAC service was originally defined within an ISO/IEC standard (ISO/IEC 15802-1), and the Internal Sublayer Services are defined within IEEE 802.1D and IEEE 802.1Q. The purpose of this standard is to revise the documentation of these existing services within a single, common service definition standard. It is not the purpose of this project to make technical changes to these services.

5.5 Need for the Project: A common MAC service definition standard within IEEE 802 is an important building block that will help ensure consistency across MACs, and consistency of MACs with IEEE 802 Bridging technology. 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: 05/09/2005

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):