

P802

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Type of Project: Modify Existing Approved PAR

PAR Request Date: 08-Jan-2013

PAR Approval Date:

PAR Expiration Date:

Status: Unapproved PAR, Modification to a Previously Approved PAR for the Revision of a Standard

Root PAR: P802 **Approved on:** 27-Feb-2007

1.1 Project Number: P802

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Local and Metropolitan Area Networks: Overview and Architecture

3.1 Working Group: Higher Layer LAN Protocols Working Group (C/LM/WG802.1)

Contact Information for Working Group Chair

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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: 01/2013

4.3 Projected Completion Date for Submittal to RevCom: 10/2013

5.1 Approximate number of people expected to be actively involved in the development of this project: 100

5.2 Scope: This standard contains descriptions of the IEEE 802 standards published by IEEE for local area networks (LANs), metropolitan area networks (MANs), personal area networks (PANs), and regional area networks (RANs), as well as a reference model (RM) for protocol standards. Compliance with the family of IEEE 802 standards is defined, and a standard for the identification of public, private, and standard protocols is included.

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

5.4 Purpose: This standard serves as the foundation for the family of IEEE 802 standards published by IEEE for LANs, MANs, PANs, and RANs.

5.5 Need for the Project: Revision of existing IEEE 802-2001 standard is needed to remove redundant material and reflect the current IEEE 802 architecture and its suite of standards.

5.6 Stakeholders for the Standard: Standards developers within IEEE 802. Manufacturers, distributors, and users of products and services that conform to the LAN, MAN, and PAN standards developed by IEEE 802.

Changes in scope: This standard contains descriptions of the IEEE 802 ~~Standards~~standards published by IEEE for ~~Local~~local ~~Area~~area ~~Networks~~networks (LANs), ~~Metropolitan~~metropolitan ~~Area~~area ~~Networks~~networks (MANs), and ~~personal~~Personal ~~Area~~area ~~Networks~~Networks (PANs), and regional area networks ~~considered~~(RANs), as well as a reference model (RM) for protocol standards. Compliance with the family of IEEE 802 ~~Standards~~standards is defined, and a standard for the identification of public, private, and standard protocols is included.

Changes in purpose: This standard serves as the foundation for the family of IEEE 802 ~~Standards~~standards published by IEEE for ~~Local Area Networks~~(LANs), ~~Metropolitan Area Networks~~(MANs), ~~PANs~~, and ~~Personal Area Networks~~(PANs)~~RANs~~.

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?: Yes

If yes please explain: This standard makes use of existing registration mechanisms administered by the IEEE Registration Authority, for example, OUIs, Ethernet addresses, and Object Identifiers. No new registration activity is needed by this standard.

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

8.1 Additional Explanatory Notes (Item Number and Explanation): Scope and Purpose amended to reflect the addition of Regional Area Networks (RANs) to the draft.