IEEE SA STANDARDS ASSOCIATION

IEEE

P802

Type of Project: Revision to IEEE Standard 802-2014
Project Request Type: Initiation / Revision
PAR Request Date:
PAR Approval Date:
PAR Expiration Date:
PAR Status: Draft
Root Project: 802-2014

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

2.1 Project Title: Standard for Local and Metropolitan Area Networks: Overview and Architecture
     Change to Title: ~~IEEE~~ Standard for Local and Metropolitan Area Networks: Overview and Architecture

3.1 Working Group: Higher Layer LAN Protocols Working Group(C/LM/802.1 WG)
     3.1.1 Contact Information for Working Group Chair:
     Name: Glenn Parsons
     Email Address: glenn.parsons@ericsson.com
     3.1.2 Contact Information for Working Group Vice Chair:
     Name: Jessy Rouyer
     Email Address: jessy.rouyer@nokia.com
3.2 Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee(C/LM)
     3.2.1 Contact Information for Standards Committee Chair:
     Name: Paul Nikolich
     Email Address: p.nikolich@ieee.org
     3.2.2 Contact Information for Standards Committee Vice Chair:
     Name: James Gilb
     Email Address: gilb@ieee.org
     3.2.3 Contact Information for Standards Representative:
     Name: James Gilb
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4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE SA for Initial Standards Committee Ballot:
Nov 2023
4.3 Projected Completion Date for Submittal to RevCom: Jul 2024

5.1 Approximate number of people expected to be actively involved in the development of this project: 30
5.2 Scope of proposed standard: This standard contains descriptions of the IEEE 802(R) standards published by the IEEE for frame-based data networks as well as a reference model (RM) for protocol standards. A specification for the identification of public, private, and standard protocols is included.
Change to scope of proposed standard: This standard contains descriptions of the IEEE 802(R) standards published by the IEEE for frame-based data networks as well as a reference model (RM) for protocol standards. ~~The IEEE 802 architecture is defined, and a~~ A specification for the identification of public, private, and standard protocols is included.

5.3 Is the completion of this standard contingent upon the completion of another standard? Yes
Change to Is the completion of this standard contingent upon the completion of another standard? ~~No~~ ~~Yes~~ No
Explanation: ~~IEEE P802f is currently in the process of amending the prior base standard.~~
Change to Explanation: IEEE P802f is currently in the process of amending the prior base standard.
5.4 Purpose: This standard serves as the foundation for the family of IEEE 802 standards published by IEEE for local area networks (LANs), metropolitan area networks (MANs), personal area networks (PANs), regional area networks (RANs), etc.
Change to Purpose: This standard serves as the foundation for the family of IEEE 802 standards published by IEEE for local area networks (LANs), metropolitan area networks (MANs), personal area networks (PANs), ~~and~~ regional area networks (RANs) , etc .

5.5 Need for the Project: This maintenance revision of IEEE Std 802 is needed to consolidate amendments, remove redundant and obsolete material, and update the standard per current IEEE SA style.
Change to Need for the Project: ~~Revision~~ This maintenance revision of ~~existing~~ IEEE ~~802-2001~~ Std ~~standard~~ 802 is needed to consolidate amendments, remove redundant ~~material~~ and ~~reflect~~ obsolete ~~the~~ material, ~~current~~ and ~~IEEE~~ update ~~802~~ the ~~architecture~~ standard ~~and~~ per ~~its~~ current ~~suite~~ IEEE ~~of~~ SA ~~standards~~ style .
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.~~ Standards developers, manufacturers, distributors, and users of products and services that use or refer to IEEE 802 standards.

6.1 Intellectual Property

    6.1.1 Is the Standards Committee aware of any copyright permissions needed for this project?
    No

    6.1.2 Is the Standards Committee aware of possible registration activity related to this project?
    Yes
    Explanation: Registries including MAC Address Block Large (MA-L), MAC Address Block Medium (MAM), MAC Address Block Small (MA-S), Company ID (CID), EtherType, Logical Link Control (LLC), and Standard Group MAC addresses are of relevance. Extended Unique Identifier (EUI), Organizationally Unique Identifier (OUI), Standard Assigned Identifier (SAI), Extended Local Identifier (ELI), Administratively Assigned Identifier (AAI), and other terms within IEEE Registration Authority tutorials are specified. See https://standards.ieee.org/products-services/regauth/.

7.1 Are there other standards or projects with a similar scope? No
7.2 Is it the intent to develop this document jointly with another organization? No

8.1 Additional Explanatory Notes: