

P802.3.2

Type of Project: Revision to IEEE Standard 802.3.2-2019

Project Request Type: Initiation / Revision

PAR Request Date: 10 Feb 2023

PAR Approval Date: 30 Mar 2023

PAR Expiration Date: 31 Dec 2027

PAR Status: Active

Root Project: 802.3.2-2019

1.1 Project Number: P802.3.2

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Project Title: Standard for Ethernet - YANG Data Model Definitions

Change to Title: ~~IEEE~~ Standard for Ethernet - YANG Data Model Definitions

3.1 Working Group: Ethernet Working Group(C/LAN/MAN/802.3 WG)

3.1.1 Contact Information for Working Group Chair:

Name: David Law

Email Address: david_law@ieee.org

3.1.2 Contact Information for Working Group Vice Chair:

Name: Adam Healey

Email Address: adam.healey@broadcom.com

3.2 Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee(C/LAN/MAN)

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

Email Address: gilb@ieee.org

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE SA for Initial Standards Committee Ballot:

Jul 2024

4.3 Projected Completion Date for Submittal to RevCom: Jan 2025

5.1 Approximate number of people expected to be actively involved in the development of this project: 20

5.2 Scope of proposed standard: This standard defines YANG data models for IEEE Std 802.3 Ethernet.

5.3 Is the completion of this standard contingent upon the completion of another standard? No

5.4 Purpose: The purpose of the standard is to define YANG modules for the management of IEEE Std 802.3 Ethernet and publish these modules in a machine-readable format.

Change to Purpose: The purpose of the standard is to define YANG modules for the management of IEEE Std 802.3 Ethernet and publish these modules in a machine-readable format.

5.5 Need for the Project: This revision is to addresses accumulated maintenance changes as well as appropriate updates to the IEEE Std 802.3.2 YANG modules to support IEEE Std 802.3 amendments published since IEEE Std 802.3.2 was first published.

Change to Need for the Project: ~~YANG (IETF RFC 6020 or subsequent This revision) is a to formalized addresses data accumulated modeling maintenance language that can be used by protocols such changes as NETCONF (NETwork CONFIGuration, well IETF as RFC 6241), appropriate a updates widely to accepted the network IEEE configuration Std protocol 802. Other standards development organizations, e 3. g., Internet Engineering Task Force (IETF) and the Metro Ethernet Forum (MEF) have adopted 2 YANG, and modules are to developing support a broad range of YANG IEEE data Std models 802. Development of standardized 3 YANG amendments models published for since IEEE Std 802.3 .2 Ethernet was will help first to reduce the operational cost of managing Ethernet networks published.~~

5.6 Stakeholders for the Standard: Ethernet network component suppliers, system suppliers, network management software suppliers, network administrators.

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: RAC review of previously reviewed text is appropriate to assure terminology and descriptions of usage are current.

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: Items #5.2, #5.4 and #5.5: IEEE Std 802.3 - IEEE Standard for Ethernet
Items #2.1, #5.2, #5.4, and #5.5: While 'YANG' (a data modelling language developed by the Internet Engineering Task Force) appears to be an acronym, its expansion 'Yet Another Next Generation' is not meaningful. It is vital to use 'YANG' in the project title, as well as elsewhere in the PAR, to inform potential participants and the target readership of the standard.