

P802.1BA

Submitter Email:

Type of Project: Revision to IEEE Standard 802.1BA-2011

Project Request Type: Initiation / Revision

PAR Request Date:

PAR Approval Date:

PAR Expiration Date:

PAR Status: Draft

Root Project: 802.1BA-2011

1.1 Project Number: P802.1BA

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Project Title: Standard for Local and metropolitan area networks--Audio Video Bridging (AVB) Systems

Change To Title: ~~IEEE~~ Standard for Local and metropolitan area networks--Audio Video Bridging (AVB) Systems

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

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3.1.2 Contact Information for Working Group Vice Chair:

Name: Jessy Rouyer

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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

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3.2.2 Contact Information for Standards Committee Vice Chair:

Name: James Gilb

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3.2.3 Contact Information for Standards Representative:

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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: Jun 2021

4.3 Projected Completion Date for Submittal to RevCom: Dec 2021

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 defines profiles that select features, options, configurations, defaults, protocols and procedures of bridges, stations and LANs that are necessary to build networks that are capable of transporting time sensitive audio and/or video data streams.

5.3 Is the completion of this standard contingent upon the completion of another standard? No
Change to Is the completion of this standard contingent upon the completion of another standard? ~~Yes~~ No

5.4 Purpose: The purpose of this standard is to specify defaults and profiles that manufacturers of LAN equipment can use to develop AVB-compatible LAN components, and to enable a person not skilled in networking to build a network, using those components, that does not require configuration to provide working audio and/or video services.

5.5 Need for the Project: This project is needed to incorporate the corrigendum 802.1BA-2011/Cor1-2016 and accumulated maintenance changes (editorial and technical corrections) into the standard.

Change to Need for the Project: ~~The performance requirements of Audio Video Bridging This (AVB) project over is various media prevents the use of some portions of other standards, and requires the selection of default operating parameters; these must be defined in order needed to meet the needs~~

~~incorporate of the users corrigendum of components built to those standards 802. Detection of non-1BA-2011/Cor1 - AVB equipment must be defined so the performance of AVB equipment 2016 can and be accumulated maintained. maintenance - The configuration parameters of various 802.1 standards changes (-such as 802.1AS editorial and MSTP), need to be defined in order to technical achieve corrections) automatic into configuration of AVB networks. This the standard will satisfy these needs.~~

5.6 Stakeholders for the Standard: The stakeholders are developers, distributors, installers, and users of Audio and/or Video Bridging equipment.

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?

No

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 : #5.5: IEEE Std 802.1BA-2011/Cor1-2016 - Standard for Local and Metropolitan Area Networks -- Audio Video Bridging (AVB) Systems - Corrigendum 1: Technical and Editorial Corrections.