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
   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
   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: Oct 2021
4.3 Projected Completion Date for Submittal to RevCom: Mar 2022

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? Yes
Explanation: This is a maintenance roll-up of 802.1BA-2011 with the corrigendum 802.1BA-2011/Cor1-2016.
Change to Explanation: This ~~standard~~ is ~~will~~ a ~~make~~ maintenance ~~use~~ roll-up of ~~the specifications~~ ~~that are under development in P802~~ 802 . ~~1AS,~~ 1BA-2011 with ~~P802.1Qat,~~ the ~~and~~ corrigendum ~~P802~~ 802 . ~~1Qav~~ 1BA-2011/Cor1-2016 .
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: The performance requirements of Audio Video Bridging (AVB) over 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 to meet the needs of the users of components built to those

standards. Detection of non-AVB equipment must be defined so the performance of AVB equipment can be maintained. The configuration parameters of various 802.1 standards (such as 802.1AS and MSTP), need to be defined in order to achieve automatic configuration of AVB networks. This 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?
lookup value missing

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 : 5.3:
802.1BA-2011/Cor1-2016 - IEEE Standard for Local and metropolitan area networks-- Audio Video Bridging (AVB) Systems-- Corrigendum 1: Technical and Editorial Corrections