

P802.1BA

Audio Video Bridging (AVB)

Systems

Draft PAR
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PAR

- **2.1 Title:**
 - **Standard for Local and Metropolitan Area Networks – Audio Video Bridging (AVB) Systems**
- **4.2 Expected Date of Submission for Initial Sponsor Ballot:**
 - **2011-06-00**
- **4.3 Projected Completion Date for Submittal to RevCom:**
 - **2011-12-00**
- **5.1 Approximate number of people expected to work on the project:**
 - **60**

PAR - Scope

- **5.2 Scope:**
 - **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.**

PAR - Purpose

- **5.3 Is the competition of this document contingent upon the completion of another document:**
 - Yes, they are:
 - 802.1AS
 - 802.1Qat
 - 802.1Qav
- **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.

PAR - Need

- **5.5 Need:**
 - The performance requirements of Audio Video Bridging (AVB) over various media prevents the use of some portions of those 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 equipment.