

IEEE 1722 – Revision PAR Draft par 0.2

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Title (2.1)

- IEEE Standard for Layer 2 Transport Protocol for Time Sensitive Applications in a Bridged Local Area Network Amendment 1 - Extensible Streaming Formats
- IEEE Standard for a Transport Protocol for Time Sensitive Applications in a Bridged Local Area Network

Misc.

- Number of people expected to work on standard (5.1)
 - 20
- Stakeholders (5.6)
 - Developers and users of bridged LANs and **end stations** ~~end-point systems~~ supporting audio, video and other ~~low-latency,~~ **time sensitive** ~~streaming~~ applications

PAR Scope (5.2)

- This standard specifies extensions to IEEE 1722 - 2011 to add extensible ~~streaming~~ **transport** formats that support **new and existing** media types ~~that are not included in the previous standard. define media clock selection~~ **This standard will also specify new** synchronization services and ~~define diagnostic~~ **counters variables. This standard will maintain backwards compatibility with 1722-2011.**

PAR Scope (5.3)

- Is the completion of this document contingent upon the completion of another document?
 - No

New PAR Purpose (5.4)

- This standard facilitates interoperability between **end** stations that ~~stream~~ **transport** time-sensitive media across LANs providing time synchronization, ~~and~~ latency **and** bandwidth services by defining additional packet format protocols, synchronization mechanisms and diagnostic **counters** ~~variables~~.

New Need (5.5)

- IEEE 1722 - 2011 has experienced rapid adoption in applications that stream audio and video. There is significant end-user and vendor interest in providing additional media formats that are not currently in the IEEE 1722 defined set of supported formats. These new media formats **also** address limitations related to format changes, channel count and encoder/decoder complexity that are imposed by the current standard.
- Additional functionality is also needed to provide services that are not currently addressed in IEEE 1722 such as system wide ~~media~~ clock **distribution** ~~selection~~ and synchronization, and additional diagnostic information.
- These additional features and formats are necessary to **promote** ~~ensure~~ continued vendor **adoption** and interoperability, among devices that support IEEE 1722.