

IEEE P802.3cx Proposed Revised Objective

IEEE P802.3cx Improved PTP Timestamping Accuracy
Task Force

Steve Gorshe
Microchip Technology
Virtual Meeting, January 12, 2022

IEEE P802.3cx Improving PTP Timestamping Accuracy Task Force Objective

- Original objective:
 - To amend IEEE 802.3 to:
 - Define optional enhancements to Ethernet support for time synchronization protocols to provide improved timestamp accuracy in support of ITU-T Recommendation G.8273.2 'Class C' and 'Class D' system time error performance requirements.
- Revised objective approved by the Task Force (by consensus)
 - To amend IEEE 802.3 to:
 - Define optional enhancements to IEEE Std 802.3 Clause 90 (support for time synchronization protocols) to support applications requiring sub-nanosecond performance requirements, e.g., “ITU-T Recommendation G.8273.2 'Class C' and 'Class D' system time error performance requirements.”.

Motion #xx

Motion: To adopt “Define optional enhancements to IEEE Std 802.3 Clause 90 (support for time synchronization protocols) to support applications requiring sub-nanosecond performance requirements, e.g., “ITU-T Recommendation G.8273.2 'Class C' and 'Class D' system time error performance requirements.”” as the revised P802.3cx objective.

Moved: Steve Gorshe

Seconded:

Requires >75% (Technical)

Results: