IEEE 802.3 PLCA Enhancements Study Group
Opening Report

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IEEE 802.3 PLCA Enhancements Study Group
Study Group information

Study Group Organization

Natalie Wienckowski, IEEE 802.3 PLCA Enhancements Study Group Chair pro tem

Yue (Dolly) Zhu, IEEE 802.3 PLCA Enhancements Study Group Secretary

Study Group charter

Move that the IEEE 802.3 Working Group request the formation of a Study Group to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) for Physical Layer Collision Avoidance (PLCA) Multidrop Latency, Jitter, and Scalability Enhancements.

Study Group web and reflector information

Reflector information: http://www.ieee802.org/3/EPLCA/reflector.html

Home page: http://ieee802.org/3/EPLCA/index.html

IEEE 802.3 PLCA Enhancements Study Group
Activities since July 2026 plenary

Met during the September 2026 interim meeting series

Major items discussed, decisions made and actions

- PAR and CSD responses were reviewed and the study group voted to submit them to the LMSC for consideration
- Objectives were discussed, but are not yet decided

Current status

- PAR and CSD responses are complete and submitted to the 802 working groups for comment
- EPLCA PAR Responses as approved by the study group
  - https://ieee802.org/3/EPLCA/public/2609/PAR-draft_eplca_2609b.pdf
- EPLCA Draft CSD Responses as approved by the study group
  - https://ieee802.org/3/EPLCA/public/2609/CSD-draft_eplca_02609b.pdf

Held 3 Ad hoc teleconferences: 8/27/26, 10/1/26, 10/22/26

- Discussed PAR, CSD, and Objectives
- Presentations were also given showing technical feasibility and potential methods to support Objectives

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Meeting week plan

Study Group will meet Wednesday in the AM1/2 slot to consider feedback, including from other Working Groups, on the PAR and CSDs

Presentations supporting Objectives will be given

Goals: Modify PAR and CSDs, if necessary, and approve initial set of Objectives

Questions?

Thank you!