IEEE 802.3 E-PLCA Study Group Objectives

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PLCA Enhancements SG Objectives (1 of 2)

- Support interoperability with legacy PLCA (CL148) nodes on the same mixing segment
- Support interoperability with nodes running D-PLCA on the same mixing segment
- Support interoperability with Clause 147 & 188 multidrop PHYs.

PLCA Enhancements SG Objectives (2 of 2)

- Provide methods and define a client interface to upper layers to enable improved access latency and latency variability in a PLCA-enabled network segment:
  - With a deterministic upper bound independent of the number of stations
  - On a per station basis, and/or
  - On a client provided frame priority information basis

Thank You