IEEE P802.3dt Ethernet Metadata Services Report

David Ofelt

HPE

Vancouver, BC

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IEEE P802.3dt Ethernet Metadata Services Project information

Task Force Organization

    David Ofelt, IEEE P802.3dt Task Force Chair Pro Tem

    Gary Nicholl, IEEE P802.3dt Task Force Secretary

Task force web and reflector information

    Reflector information: https://www.ieee802.org/3/EMS/reflector.html

    Home page: https://www.ieee802.org/3/dt/

        PAR: https://www.ieee802.org/3/dt/projdoc/P802.3dt_PAR.pdf

        CSD: https://mentor.ieee.org/802-lmsc/dcn/26/lmsc-26-0040-00-ACSD-p802-3dt.pdf

        Objectives: https://www.ieee802.org/3/dt/projdoc/objectives_ems_260217.pdf

        (no timeline nor private area available yet)

IEEE P802.3dt Ethernet Metadata Services Activities since November 2025 plenary

Met during the January 2026 interim meeting series

- Major items discussed, decisions made and actions
  - Discussed required changes for the PCS
  - Discussed the service interface
  - Explored the preamble changes for slower-speed interfaces
- Current status
  - EMS SG transitioned to 802.3dt task force
  - Preparing baseline proposals so we can start writing the first draft

IEEE P802.3dt Ethernet Metadata Services
Adopted timeline

Timeline not adopted yet

IEEE P802.3dt Ethernet Metadata Services Plans

Goals for the plenary session meeting(s)

- Review the preliminary baseline proposals for the PCS changes as well as the new service interface
- Discuss the project schedule
- Discuss whether limiting the scope of the per-packet metadata objective makes sense

Big ticket items

- Baselines

Future

- Adopt Baselines
- Possibly adjust objective scope
- Adopt a project schedule

Questions?

Thank you!