

Adopted IEEE P802.3dt Objectives

Support full-duplex operation only

Preserve the IEEE 802.3/Ethernet frame format (see IEEE Std 802.3 subclause 3.1.1) at the MAC client service interface

Preserve the minimum and maximum Frame Size of the current IEEE 802.3 standard

~~Define an optional Per packet metadata service**~~

Define an optional per-packet and packet-independent metadata services** and associated modifications to the physical layers using the:

- 50GBASE-R PCS defined in Clause 133 *
- 100GBASE-R PCS defined in Clause 82, which use FECs defined in Clauses 91 and 161
- 200GBASE-R PCS defined in Clause 119
- 400GBASE-R PCS defined in Clause 119
- 800GBASE-R PCS defined in Clause 172
- 1.6TBASE-R PCS defined in Clause 175

* Approved by IEEE 802.3 WG 14 Nov 2025

** TF adopted 12 May 2026- Pending WG approval