802.1 response to 802.3 & 802.11

on P802.1DU Cut -Through Forwarding Bridges and Bridged Networks

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802.1 WG chair

March 2022

Previous discussions on cut-through forwarding

- AVnu Industrial Group liaison to 802.1 – 2016 & 2017
  - [Request for guidance](), [Cut-through considerations](), [Cut-through for industrial an automotive]()
- 802.3 NEA – March 2018
  - [Industrial networking requirements]()
- CFI in 802.1 – July 2018
  - [Accumulated latency]()
- 802.3 NEA – Nov 2018
  - [Accumulated latency in Industrial applications]()
- 802.1 TSN TG – 2019 & 2020
  - [TSN](), [60802](), [TSN]()
- 802 Nendica [cut-through forwarding study item]() - 2021
- [802 Tutorial]() – July 2021
  - [Presentation]() and [video]()
- P802.1DU [PAR]() and [CSD]() proposal – March 2022

Next steps

- P802.1DU PAR is deferred and not proposed for approval at this plenary
- A [draft response](#) to 802.3 and 802.11 comments was started, but not finished
- Consensus in 802.1 WG to discuss further with 802.3 WG jointly
  - 802.1 WG approved motion to request joint meetings with 802.3 WG to continue discussion on cut-through forwarding
  - 802.1 WG approved motion to hold joint meetings with the 802.3 WG to discuss cut-through forwarding.
  - 802.1 WG approved motion to generate PAR and CSD for pre-circulation to the EC for the July 2022 plenary session for an IEEE 802.1 standard on Cut-Through Forwarding.
- Proposed venue
  - Joint NEA and Nendica Industry Connections ad hoc