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
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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