

[August 1, 2023]

# ETHERNOVIA

P802.1DG D2.0  
Editors Report V12

Contribution to:  IEEE

# For Discussion

- #57,111 - Norm. Ref.s/Bib.
- #108 - Definitions intro
- #146 - PICS/PCS?
- #70 - should/may in requirements clause
- VLAN Support: 30, 51, 59, 58, 156
- Clause 5: 155,
- Clause 6 - IEEE 802.1: 86, 87, 177, 3, 56, 62, 178, 4, 29, 117, 75, 65, 83, 81, 82, 32, 158, 181, 52, 33, 159, 182, 100, 53, 183, 34, 35, 122, 184, 37, 66, 67, 89, 23, 76, 123, 24, 163, 165, 164, 78, 191, 166, 167, 63, 179, 180, 135
- Shaper Combinations: 26, 77, 185, 150, 74 (email), 28, 152, 176,
- Clause 7 - Congestion: 168, 169, 170, 171, 172, 2
- Clause 8 - ATS: 173, 128, 174, 130, 134
- Clause 9 - CBS: 98, 99
- Clause 10 - TAS: 186, 96, 72, 12, 41, 97, 137, 42, 80, 138, 68, 44, 187, 188, 54, 139
- Annex B: 189

# Further Schedule

- Next call:
  - Regular call: August 8<sup>th</sup> to continue comment resolution and discuss end station requirements (subsection 5.5)  
<https://www.ieee802.org/1/files/public/docs2023/dg-hoffleit-EndstationProfile-0723-v01.pdf>
- Publish and start Ballot on Draft D2.1 latest the week of August 21<sup>st</sup>!
  - cancel calls during the review period (Aug. 22<sup>nd</sup>, Sep. 5<sup>th</sup>)
  - start next comment resolution phase during the September Interim meeting

# Response Statistics

D1.4

CATEGORY	All respondents	
	TOTAL	%
Yes	5	31.2
No	11	68.8
Voting Yes or No	16	44.4
Abs. Time	10	27.8
Abs. Expertise	10	27.8
Abs. Other	0	0.0
Respondents	36	100
Voting members		
Non-voting commenters		
No. of commenters	13	36.1
No. of comments	540	100
TR	132	24.4
T	16	2.9
ER	311	57.6

D2.0

CATEGORY§	All respondents§	
	TOTAL§	%§
Yes§	13§	56.5§
No§	10§	43.5§
Voting Yes or No§	23§	59.0§
Abs. Time§	5§	12.8§
Abs. Expertise§	7§	17.9§
Abs. Other§	4§	10.3§
Respondents§	39§	100§
Voting members§	§	§
Non-voting commenters§	§	§
No. of commenters§	19§	48.7§
No. of comments§	189§	100§
TR§	56§	29.6§
T§	11§	12.7§
ER§	63§	33.3§

+1 rogue comment  
 resolved 44 in 3 calls  
 54 do not need committee time  
 ca. 90 to be done - 6 more sessions!

§ included some late ballots, not listed in:  
[https://standards.caot.ict.ericsson.net/ethernet/web\\_tally/05f46.html](https://standards.caot.ict.ericsson.net/ethernet/web_tally/05f46.html)

# AUTOSAR

- There are 3 other technical options:
  - “copy” IEEE Std 802.1AS + ASdm - conflicts with:  
<https://www.ieee802.org/1/files/public/docs2023/dg-Nomura-JASPAR-Use-Cases-coexistence-0323-v07.pdf>
  - “copy” AUTOSAR specification - exact (legal) implications are unknown and may be difficult to resolve
  - create a “3rd new” Profile - this is utterly undesirable!
- Time Sync: 131, 133, 9, 50, 151, 11, 8, 162, 64
- nPDU Feature: 132

# Linkage with Other SDOs

- 5.6 Conformance Module Ingress Selection (CM-IS)
  - 91, 92, 148
  - 94, 49, 154, 88, 175
  - 157 (Port-based VLAN classification)
  - 118 (ageing)
- max. SDU size
  - 95, 161, 6, 190 (reopen!)

# What will NOT go to WG discussion

- Simple editorial (typos, formalities, capitalization, formatting, ...)
- Comments on Clause 0 as it will be removed before publication
  - should previous draft editorial notes be removed for every draft to avoid confusion? - no (comment #102)
- Resolved without WG discussion:
  - 1, 5, 18, 27, 17, 160, 36, 19, 49, 61, 93, 88, 79, 73, 71, 69, 46, 60, 55, 45, 39, 116, 109, 110, 112, 115, 119, 120, 121, 114, 113, 10, 43, 22, 21, 20, 16, 142, 136, 141, 143, 144, 101, 149, 124, 125, 127, 51, 145, 105, 103, 15, 13, 106, 107, 25, 126
  - Please object if you disagree!

# Changes to the PAR?

- Comments 14, 84
  - Where must the PAR be quoted? (1.2?)
  - Reduction in scope should not be a reason to change the PAR
- Comment 85
  - Adapt the Introduction (1.3) to outline reduced scope from the PAR



# Past Comments and Contributions

- Comment 147: “The comment resolution of many comments was not applied to the draft.”
- PROPOSED REJECT:  
Please list out which comments were not implemented considering the contributions since, as they may have outdated those comments.
  - <https://www.ieee802.org/1/files/public/docs2023/dg-turner-text-contribution-1D5-0323-v01.pdf>
  - <https://www.ieee802.org/1/files/public/docs2023/dg-turner-finn-profile-commented-0223-v01.pdf>
  - <https://www.ieee802.org/1/files/public/docs2023/dg-turner-update-0123-v01.pdf>
  - <https://www.ieee802.org/1/files/public/docs2022/dg-turner-update-1122-v01.pdf>
  - <https://www.ieee802.org/1/files/public/docs2022/dg-turner-ModuleProfiles-0422-v02.pdf>

# Technical discussion

- 7. Congestion Isolation
  - Comments 153, 38

# Resolved comments

- 2023-06-20: 14, 84, 85, 147, 95, 161, 6, 190, 153, 38, 7, 102
- 2023-06-27: 30, 51, 59, 58, 156, 57, 111, 108, 146, 70
- 2023-07-04: 155, 86, 87, 177, 3, 56, 62, 178, 4, 29, 117, 75, 65, 83, 81, 82, 32, 158, 181, 52, 33, 159, 182, 100, 53, 183, 34,



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Thank You  
for your attention!

Contribution to:  IEEE