

802.1D withdrawal

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IEEE Std. 802.1D-2004

- All relevant content from .1D is contained in .1Q
 - This was concluded with the [2013 revision PAR](#) for 802.1Q
 - Merged IEEE Std 802.1D with IEEE Std 802.1Q in order to create a single bridging standard
 - [IEEE 802.1Q-2018](#)
 - [IEEE/ISO/IEC 8802-1Q-2020](#)
- Already withdrawn or superseded
 - IEEE 802.1D-1993 – superseded in 1998
 - [ISO/IEC 10038:1993](#) – withdrawn in 1998
 - [IEEE 802.1D-1998](#) – superseded in 2004
 - [ISO/IEC 15802-3:1998](#) – withdrawn in 2019
- Currently administrative withdrawal will happen at the end of 2021
 - [IEEE 802.1D-2004](#)

Proposed plan

- Correct the SA database to indicate that IEEE Std 802.1D-2004 was superseded by IEEE Std 802.1Q-2014.
 - [IEEE SA website](#) [myProject](#) [Xplore](#) [Techstreet](#)
 - Initiate with an 802.1 WG and 802 EC motion in July 2021
- Update 802.1 WG pages to indicate 802.1D-2004 has been superseded
 - Also include some history on revised [802.1D webpage](#)
- Update 802.1Q PICS to allow MAC Bridge (aka 802.1D) proforma as Clause 5 conformance defines
 - [P802.1Qrev](#) included in D0.5

Outstanding references to 802.1D?

- A web search indicates there may be given these hits
 - 1 million total hits
 - ~2000 in IETF RFCs.
 - ~1800 in 3GPP TR & TS.
 - ~200 in IEEE standards.
 - ~100 in CableLabs specs.
 - ~60 in ITU-T Recommendations
 - ~60 in MEF technical standards
 - ~30 in ISO standards
- Liaisons sent (Nov 2020) suggesting each SDO ensure no adverse effects from withdrawal
 - Multiple confirmations received

IEEE 802 standards

Standard	Normative	Informative	Textual	Clauses
IEEE 802-2004	X			4.4, 5.3.2.1, 5.3.2.4, 8.2.4
IEEE 802.1BA-2011			X	5
IEEE 802.1BR-2012		X		6.10.1
IEEE 802.1Q-2018		X		3.250, 17.2.2, 17.2.4, 17.3.2.2, 17.3.2.3, 17.7, G.3, P.1,
IEEE 802.3-2018	X			1.4.163, 1.4.401, 1.4.465, 2.3.1, 2.3.2.5, 31B.1, 31D.1, 64.3.2.3, 67.1, 77.3.2.3, 57A.3
IEEE 802.3.1-2013	X			9.1.1.5, 9.1.2, 9.3.4, 9.6
IEEE 802.11-2016		X		5.1.1.2, 9.4.2.31, 10.2.4.2, 14.11.1, M.4, R.3.3, S.2.1
IEEE 802.11ak-2018			X	3.2, 4.5.3.3, 5.1.1.2, 14.11.1, M.4, R.3.4
IEEE 802.15.3-2016			X	B.3
IEEE 802.15.3-2012		X		6.2.3
IEEE 802.16-2017	X			5.3, 11.13.18.3.3.11

IEEE 802.1D maintenance requests

- IEEE 802.3 maintenance requests
 - Change references in 802.3-2018 to 802.1Q or 802.1AC
 - https://www.ieee802.org/3/maint/requests/maint_1382.pdf
 - Change references in 802.3.1-2018 to 802.1Q
 - https://www.ieee802.org/3/maint/requests/maint_1383.pdf
- IEEE 802.11 comment collection (CC35)
 - Change references to 802.1Q or 802.1AC
 - <https://mentor.ieee.org/802.11/dcn/21/11-21-0695-06-000m-revme-cc35-802-1d-comments.xlsx>
- IEEE 802.15
 - Submit change comments on new amendments to 802.15.3-2016 and 802.15.6-2012

Proposed motion

- Recognizing
 - IEEE Std 802.1D-2004 was reaffirmed in 2011
 - the 2013 revision PAR for 802.1Q indicated that the project was merging IEEE Std 802.1D with IEEE Std 802.1Q in order to create a single bridging standard
 - 802 WGs have been advised to update references from IEEE Std 802.1D to IEEE Std 802.1Q
 - partner SDOs were sent liaisons in Nov 2020 advising them to update references from IEEE Std 802.1D to IEEE Std 802.1Q
 - ongoing maintenance of IEEE Std 802.1Q (including MAC bridge functionality) is continuing with its 2020 revision PAR.
- The 802.1 WG requests that IEEE SA staff modify its database and product listing to indicate that IEEE Std 802.1D-2004 was superseded by IEEE Std 802.1Q-2014.