P802-REVc Project Logistics

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Project Overview

• P802-REVc – Revision to IEEE Standard 802-2014
  • https://1.ieee802.org/maintenance/802-rev-revision-to-ieee-standard-802-2014/
  • Roll-up of amendments IEEE Std 802c, IEEE Std 802d, IEEE Std 802e and IEEE Std 802f (once completed).
  • Initial draft is available at https://www.ieee802.org/1/files/private/802-REVc-drafts/d0/P802-REVc-d0.1.pdf

• SA Standard Board procedures
  • No new amendments beyond three years
  • A revision process must be completed and approved within 10 years from the last revision (2014) or else transfer to inactive-reserved status.

• A sense of urgency to complete the revision before 2024. Maintain focus on roll-up of existing amendments
  • NOTE: the last revision of 802 took 7 years to complete
Project Details

• Standard for Local and Metropolitan Area Networks: Overview and Architecture.
  • PAR (Approved: 24 Mar 2022; Expires: 31 Dec 2026)
    https://development.standards.ieee.org/myproject-web/app#viewpar/12800/9288
  • **Scope:** This standard contains descriptions of the IEEE 802(R) standards published by the IEEE for frame-based data networks as well as a reference model (RM) for protocol standards. A specification for the identification of public, private, and standard protocols is included.
  • **Need:** This maintenance revision of IEEE Std 802 is needed to consolidate amendments, remove redundant and obsolete material, and update the standard per current IEEE SA style.

• **NOTE:** The revision is focused on the roll-up of existing amendments. A separate amendment project is proposed to address gaps and new features (See Nendica work item Ella - https://1.ieee802.org/nendica ella/).
Proposed Project Logistics

• Revision project is run by the IEEE 802.1 Maintenance TG
• Dedicated meeting times to encourage cross WG engagement
• Each WG chair (as an ex-officio 802.1 voting member) is requested to collect and submit P802-REVc ballot comments for their WG during Working Group ballot
  • Anyone can submit a comment on the ballot, so this method is recommended for “Must be Satisfied” comments from 802 WGs
• Each WG designates an attendee for comment resolution
Expectation for comment resolution

• Doodle poll for best time
• Suggested times: (Wednesdays – Noon Eastern – 1 or 2 weeks after ballot closes)

• Next Step Questions:
  • Do we run an initial TG ballot without 802f?
  • Do we run an initial WG ballot without 802f?
  • Do we wait until 802f completes to begin WG balloting?
Proposed motion timeline

• Initial TG ballot - July 2022
• Submission of 802f to Revcom – Nov 2022
• Initial WG ballot – Nov 2022
• Initial SA ballot – July 2023
• Submission to Revcom – July 2024
• SASB Approval - Dec 2024