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/).

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 to encourage comments from 802 WGs

- Each WG designates an attendee for comment resolution

Detailed WG ballot process

1. The ballot is initiated in the 802.1 WG under the Maintenance TG and anyone is entitled to submit comments
   https://1.ieee802.org/maintenance/802-revc/
2. The draft is in the 802.1 private area on grouper and privileges are set such that all 802 WG passwords grant access
   https://www.ieee802.org/1/files/private/802-REVc-drafts/
3. Each WG chair is requested to conduct a comment collection using your WG process (for at least 30 days). The WG chair is not expected to change the commenter's name, review the comments collected or have WG consensus
4. Each WG chair is an ex-officio voting member and is requested to cast a ballot with the collected comments. The WG chair decides how they determine the vote on this ballot
5. Ballot comment disposition may include an informational summary of comments/votes per WG
6. The 802.1 ballot is 45 days to give WG chairs sufficient time
7. Each WG chair is requested to identify at least one representative to represent the submitted comments from that WG and/or the WG view during comment resolution.
8. Comment resolution will be conducted in dedicated meetings under the 802.1 Maintenance TG. Meeting announcements and discussion will happen on the Architecture list - STDS-802-ARCH
   http://listserv.ieee.org/cgi-bin/wa?SUBED1=STDS-802-ARCH&A=1

Proposed motion timeline

- Initial TG ballot - July 2022

- Submission of 802f to Revcom – March 2023

- Initial WG ballot – November 2022

- Initial SA ballot – November 2023

- Submission to Revcom – July 2024

- SASB Approval - Dec 2024