P802-REVc Project Logistics

Paul Congdon

Glenn Parsons

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
- Expected initial Working Group Ballot (no TG ballot)
- Dedicated meeting times to encourage cross WG engagement
- Each WG chair is responsible for collecting and submitting ballot comments
- 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