802.1 Technical Plenary

Glenn Parsons – 802.1 WG chair

glenn.parsons@ericsson.com

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Background

• The 802.1 Working Group is responsible for the 802 Architecture and interworking between 802 technologies.

• The 802.1 Technical Plenary is a vehicle for addressing specific technical problems across all 802. It is chaired by the 802.1 WG chair and is convened when there are specific topics identified.
A new series

• The goal is to:
  • Provide wider awareness for the need to revise IEEE Std 802 - Overview & Architecture
  • Provide an opportunity to discuss the content
    • E.g., should it be the same or should it add more architecture
  • Provide examples of the current 802 architecture
    • i.e., spread around in 802, .1Q, .1AC, .3, .11, .15.x, …
  • Identify gaps in the current architecture
Way of working

• Attendance is open to all 802 WG participants.
  • WG chairs are invited to identify at least one voting member to attend.
• Consensus based discussions
  • Any voting would include all participants
• Topics for discussion can be proposed to the 802.1 WG chair.
  Candidate technical topics include:
  • MAC service interface (and its support of 802 MAC/PHYs)
  • 48 and 64 bit bridging
  • Protocol IDs and their encoding – Length/Type and LLC
• The agenda and topics for each meeting will be posted 14 days in advance.
Logistics

• Documents and meeting information on 802.1 website https://1.ieee802.org/technical-plenary/

• First meeting
  • Thursday, December 2, 2021 4pm – 6pm ET
  • Agenda
    • IEEE Std 802 revision
    • 802.1 and 802.15 compatibility

• Subsequent meetings
  • Week before first WG interim or 802 plenary
    • E.g. January 13 and March 10, 2022
  • Straw poll on timing