

802.1 Technical Plenary

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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