

IEEE 802.1 OmniRAN TG  
Status Report  
to IETF – IEEE 802 Coordination

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# IEEE 802.1 OmniRAN TG Resources

- OmniRAN TG maintains a Wiki page on mentor to reflect its status and achievements
  - <https://mentor.ieee.org/omniran/bp/StartPage>
  - Also showing meeting announcements and conference call dial-in information
- OmniRAN filespace on mentor is used for contributions and meeting documents
  - <https://mentor.ieee.org/omniran/documents>
- FYI: OmniRAN P802.1 PAR
  - <https://development.standards.ieee.org/get-file/P802.1CF.pdf?t=81644900003>

# OmniRAN TG P802.1CF Status

- First draft (editor's draft) under preparation
  - Editor assigned and active to create first draft document
  - Still quite some content missing
  - Text available on Network Reference Model, Network Discovery and Selection, and SDN Abstraction
  - Text proposed for Dynamic Spectrum Management
  - Outline and thoughts for Data Path chapter
  - Contributions wanted for Association, Authentication, Authorization, and Accounting
  - Approach defined to cover privacy aspects within specification
- Next steps (July IEEE 802 Plenary):
  - Continuation of work on P802.1CF draft
  - Further discussions on applicability of P802.1CF
    - Primarily IEEE 802 networks providing MAC service (IEEE 802.1AC)
    - Reaching out to networks not based on IEEE 802 PHYs, e.g. MSO, DSL
    - Also covering modern SDN approaches for Network Virtualization
  - Contribution to tutorial in July F2F on 'IEEE 802.11 as component'
    - Presentation of generic modeling approach in P802.1CF for network components deploying IEEE 802 technologies

# P802.1CF Draft ToC

- Introduction and Scope
- Abbreviations, Acronyms, Definitions, and Conventions
- References
- Identifiers
- Network Reference Model
  - Overview
  - Reference Points
  - Access Network Control Architecture
    - Multiple deployment scenarios including backhaul
- Functional Design and Decomposition
  - Dynamic Spectrum Access
  - Network Discovery and Selection
  - Association and Disassociation
  - Authentication and Trust Establishment
  - Datapath establishment, relocation and teardown
  - Authorization, QoS and policy control
  - Accounting and monitoring
- SDN Abstraction
- Annex:
  - Privacy Engineering
  - Tenets (Informative)

