

# IETF 119 CCAMP

22 March 2024, Brisbane

This session is being recorded

# Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/>(Privacy Policy)



# IETF conduct guidelines

- The IESG has asked all chairs to remind their working groups of the need for appropriate behavior. This is described in more detail in BCP 54. In summary:
  1. IETF participants extend respect and courtesy to their colleagues at all times.
  2. IETF participants have impersonal discussions.
  3. IETF participants devise solutions for the global Internet that meet the needs of diverse technical and operational environments.
  4. Individuals are prepared to contribute to the ongoing work of the group.

# IETF 119 Meeting Tips

This session is being recorded

## In-person participants

- Make sure to sign into the session using the Meetecho (usually the “Meetecho lite” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
- *Keep audio and video off if not using the onsite version*



## Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended

# Administrative

## ◆ Meetecho

<https://wvs.conf.meetecho.com/conference/?group=ccamp>

Meetecho and other information:

<https://www.ietf.org/how/meetings/technology/meetecho-guide-participant/>

## ◆ Participant view of controls and tabs

General session controls appear in the middle of the top window.



From left-to-right (Meetecho provides tool tips as you roll over various controls):

- Chat
- Show of hands tool
- Event "map" showing other sessions underway
- Recording indicator
- Room name
- Shared session note taking tool
- Transcription
- Meetings materials

Left-to-right:

- Send/stop audio
- Send/stop video
- Request to share screen
- Share preloaded slides
- Raise hand (enter queue)



# Administrative

- Minute takers
  - <https://notes.ietf.org/notes-ietf-119-ccamp>
  - Anyone helps taking the minutes would be much appreciated.
- Bluesheets
  - Will be automatically generated based on your datatracker information so there is no need to do anything further after you've authenticated with the IETF Datatracker to join the session.
- Reminder IPR Process:
  - Polling of draft authors & contributors
  - Prior to moving to next step in WG process (e.g., before an individual draft becomes a WG document or a WG document goes to last call)
  - Requires IPR compliance statement from all listed in draft

# Session

- **Date:** Mar 22, 2024
- **Meeting Room:** M3
- **Meeting Time:** 9:30 AM (Local), Friday
- **Duration:** 120 Minutes

- Details:

<https://datatracker.ietf.org/meeting/119/materials/agenda-119-ccamp-02>

# Agenda

CCAMP working group agenda - IETF 119  
Friday, March 22nd, 2024  
9:30-11:30 (Meeting time) - Room M3

| Presentation  | Start Time | Duration | Information  |
|---------------|------------|----------|--|
| 0             | 9:30       | 10       | Title: Administrivia - WG Status - Reporting on WG drafts not being presented<br>Presenter: Chairs   |
| 1             | 9:40       | 13       | Title: A YANG Data Model for Optical Impairment-aware Topology<br>Draft: <a href="https://datatracker.ietf.org/doc/draft-ietf-ccamp-optical-impairment-topology-yang">https://datatracker.ietf.org/doc/draft-ietf-ccamp-optical-impairment-topology-yang</a><br>Draft: <a href="https://datatracker.ietf.org/doc/draft-ietf-ccamp-rfc9093-bis/">https://datatracker.ietf.org/doc/draft-ietf-ccamp-rfc9093-bis/</a><br>Presenter: Sergio Belotti (Remote) |
| 2             | 9:53       | 10       | Title: A YANG Data Model for WDM Tunnels and Path Computation<br>Draft: <a href="https://datatracker.ietf.org/doc/draft-ietf-ccamp-wdm-tunnel-yang/">https://datatracker.ietf.org/doc/draft-ietf-ccamp-wdm-tunnel-yang/</a><br>Draft: <a href="https://datatracker.ietf.org/doc/draft-ietf-ccamp-optical-path-computation-yang/">https://datatracker.ietf.org/doc/draft-ietf-ccamp-optical-path-computation-yang/</a><br>Presenter: Aihua Guo            |
| 3             | 10:03      | 12       | Title: An update on Transport NBI Design Team Activities<br>Presenter: Nigel Davis   |
| 4             | 10:15      | 25       | Title: POI Pluggable Progress & Documents<br>Overview: A brief review on progress (5min) - Daniele Ceccarelli<br>Operator: Requirement & Use Cases (10min): <a href="https://datatracker.ietf.org/doc/draft-poidt-ccamp-actn-poi-pluggable-usecases-gaps/">https://datatracker.ietf.org/doc/draft-poidt-ccamp-actn-poi-pluggable-usecases-gaps/</a> - Oscar Gonzalez de Dios (remote)<br>Vendor: Data Model Considerations (10min) - Nigel Davis         |
| 5             | 10:40      | 10       | Title: YANG Data Model for Performance Monitoring<br>Draft: <a href="https://datatracker.ietf.org/doc/draft-zheng-ccamp-client-pm-yang/">https://datatracker.ietf.org/doc/draft-zheng-ccamp-client-pm-yang/</a><br>Draft: <a href="https://datatracker.ietf.org/doc/draft-yu-performance-monitoring-yang/">https://datatracker.ietf.org/doc/draft-yu-performance-monitoring-yang/</a><br>Presenter: Chaode Yu (Remote)                                   |
| 6             | 10:50      | 10       | Title: YANG Data Models for Transport TE FGNM Extension<br>Draft: <a href="https://datatracker.ietf.org/doc/draft-yu-ccamp-te-fgmn-yang/">https://datatracker.ietf.org/doc/draft-yu-ccamp-te-fgmn-yang/</a><br>Presenter: Chaode Yu (Remote)   |
| 7             | 11:00      | 10       | Title: Path Computation and Control Ext. for Fine-Granularity Transport Network<br>Draft: <a href="https://datatracker.ietf.org/doc/draft-han-pce-path-computation-fg-transport/">https://datatracker.ietf.org/doc/draft-han-pce-path-computation-fg-transport/</a><br>Presenter: Liuyan Han (Remote)  |
| 8             | 11:10      | 10       | Title: Applicability of GMPLS for fine grain Optical Transport Network<br>Draft: <a href="https://datatracker.ietf.org/doc/draft-lin-ccamp-gmpls-fgotn-applicability/">https://datatracker.ietf.org/doc/draft-lin-ccamp-gmpls-fgotn-applicability/</a><br>Presenter: Yi Lin (Remote)   |
| 9             | 11:20      | 10       | Title: A YANG Data Model for Microwave Radio Link<br>Draft: <a href="https://datatracker.ietf.org/doc/draft-ybam-rfc8561bis/">https://datatracker.ietf.org/doc/draft-ybam-rfc8561bis/</a><br>Presenter: Scott Mansfield  |
| Adjourn 11:30 |            |          |  |



# Reminder - Utilizing Mailing List

- We strongly encourage the mailing list to be more actively used for all Working Group discussions
  - Weekly Call Summary
  - Open issues
  - Introducing new drafts
  - Potential new Working Group topics
- Reminder – Working Group Consensus is determined on the mailing list
- Future meeting time will be scheduled relative to mailing list discussion

# Reminder - IPR Process

- Polling of draft authors & contributors
  - Prior to moving to next step in WG process
    - e.g., before an individual draft becomes a WG document or a WG document goes to last call
  - Requires IPR compliance statement from **all** listed in draft

# CCAMP Working Group Status

## Chairs:

Daniele Ceccarelli <[dceccare@cisco.com](mailto:dceccare@cisco.com)>

Fatai Zhang <[zhangfatai@huawei.com](mailto:zhangfatai@huawei.com)>

Luis Contreras <[luismiguel.contrerasmurillo@telefonica.com](mailto:luismiguel.contrerasmurillo@telefonica.com)>

## Secretary:

Haomian Zheng <[zhenghaomian@huawei.com](mailto:zhenghaomian@huawei.com)>

## Responsible AD:

John Scudder <[jgs@juniper.net](mailto:jgs@juniper.net)>



# Document Status – RFCs

- Recent RFCs:
  - None
- RFC Editor's Queue:
  - draft-ietf-ccamp-layer1-types-18
- IESG processing
  - draft-ietf-ccamp-mw-topo-yang-12
  - draft-ietf-ccamp-l1csm-yang-25
  - draft-ietf-ccamp-otn-topo-yang-17



# Document Status – WG Drafts on Agenda

- draft-ietf-ccamp-optical-impairment-topology-yang
- draft-ietf-ccamp-rfc9093-bis
- draft-ietf-ccamp-wdm-tunnel-yang
- draft-ietf-ccamp-optical-path-computation-yang

# Document Status – WG Drafts Not on Agenda

- draft-ietf-ccamp-yang-otn-slicing
  - Update: No update since IETF-118. The draft is in stable state.
  - Next step: The draft is depending on draft-liu-transport-network-slice-yang which is pending WG adoption decision. Depending on the result of the adoption, if draft-liu is adopted in TEAS then this draft will progress in parallel with draft-liu and be ready for WG LC together with or after draft-liu is completed in TEAS. Otherwise, the two models may be merged and be ready for WG LC after the merge.

# Document Status – WG Drafts Not on Agenda

- draft-ietf-ccamp-otn-path-computation-yang
  - Updates: no updates since IETF 118: the draft is ready for WG LC after base path computation model is done in TEAS WG
  - Next steps: WG LC
- draft-ietf-ccamp-eth-client-te-topo-yang
  - Updates: no updates after IETF 118
  - Next steps
    - Align with Packet TE Topology
    - Align with the other topology models to support multi-layer single-instance topology
    - Align with updates to the client-signal model
    - Complete the model description



# Document Status – WG Drafts Not on Agenda

- draft-ietf-ccamp-dwdm-if-imp
  - Update: The current draft version doesn't have any update compared to the previous version
  - Next step: this need to be debated, the draft would be ready for the last call, it is up to the WG to decide
- draft-ietf-ccamp-dwdm-if-param-yang
  - Update: The current draft version doesn't have any update compared to the previous version
  - Next step: synch the draft with the draft-ietf-ccamp-optical-impairment-topology-yang and ietf-ccamp-layer0-types-ext-RFC9093-bis. Go to last call when the two mentioned drafts do so





# Document Status – WG Drafts Not on Agenda

- draft-ietf-ccamp-otn-tunnel-model
  - Update: no updates since IETF 118: the draft is ready for WG LC after base TE tunnel model is done in TEAS WG
  - Next step: WG LC
- draft-ietf-ccamp-client-signal-yang
  - Update: Proposal solution requiring more discussion. Data model not yet updated. Work on introducing RPC for allowing the client to do service path computation (top-down approach)
  - Next step: new version for IETF 120

# Document Status – WG Drafts Not on Agenda

- No major updates for
  - draft-ietf-ccamp-flex-e-yang-cm
  - draft-ietf-ccamp-if-ref-topo-yang
  - draft-ietf-ccamp-bwa-topo-yang

# Liaison Statements

- Liaison Statements related to CCAMP activity
  - ITU-T-SG-15 - LS on IM/DM modelling coordination (<https://datatracker.ietf.org/liaison/1890/>)
  - ITU-T-SG-15 - LS on OTNT Standardization Work Plan Issue 33 (<https://datatracker.ietf.org/liaison/1891/>)
  - ITU-T-SG-15 - LS on Consented Recommendations (<https://datatracker.ietf.org/liaison/1892/>)
- Liaisons are informational, not requiring reply unless there is demand from experts, except for OTNT Standardization Work Plan which requires action (25/6)

# Periodic calls

- Active calls (weekly or bi-weekly)
  - Flexi grid
  - Microwave
  - OTN slicing
  - Optical pluggables
  - Service path computation
  - Optical impairment topology
  - Transport NBI

**THANK YOU!**