

CCAMP Working Group

Online Agenda and Slides at:

<http://www.ietf.org/proceedings/92/agenda/agenda-92-ccamp>

Data tracker: <http://datatracker.ietf.org/wg/ccamp/>

Tools page: <http://tools.ietf.org/wg/ccamp>

IETF Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- ❖ **By participating with the IETF, you agree to follow IETF processes.**
- ❖ **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**
- ❖ **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

Also see: <http://www.ietf.org/about/note-well.html>:

Administrative

- Audio Streaming/Recording
 - Please speak only using the microphones
 - Please state your name before speaking
- Minute takers & Etherpad
- Jabber

Session

- Monday
 - 1520-1650 Afternoon Session II
 - Room: Oak

- Details:

<https://datatracker.ietf.org/meeting/92/materials.html>

CCAMP Working Group Status

Chairs:

Daniele Ceccarelli: daniele.ceccarelli@ericsson.com

Fatai Zhang: zhangfatai@huawei.com

Secretary:

Oscar Gonzalez de Dios: oscar.gonzalezdedios@telefonica.com

Area Director:

Deborah Brungard: db3546@att.com (from Friday)

Reminder: IPR Process

- Process put in place as a result of very late IPR disclosures
- Includes
 - 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

Reminder - Utilizing Mailing List

- We strongly encourage the mailing list to be more actively used for all Working Group discussions
 - 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

Document Status – RFCs

- New Errata:
 - None
- Recent RFCs:
 - RFC7487
 - [draft-ietf-ccamp-rsvp-te-mpls-tp-oam-ext](#)
 - RFC7447
 - [draft-ietf-ccamp-rwa-info](#)
- Completed IESG Processing/ Pending RFC Editor's Queue:
 - [draft-ietf-ccamp-general-constraint-encode](#)
 - [draft-ietf-ccamp-gmpls-general-constraints-ospf-te](#)
 - [draft-ietf-ccamp-rwa-wson-encode](#)

Document Status – RFCs

- IESG Processing
 - [draft-ietf-ccamp-wson-signal-compatibility-ospf](#)
 - [draft-ietf-ccamp-wson-signaling](#)

Document Status – Post/Pre WG Last Call

- Waiting for authors
 - None
- Pre WG LC (IPR poll before WG LC)
 - [draft-ietf-ccamp-flexi-grid-fwk](#)

Document Status – WG Drafts on Agenda

- [draft-ietf-ccamp-flexi-grid-fwk](#)
- [draft-ietf-ccamp-flexible-grid-ospf-ext](#)
- [draft-ietf-ccamp-flexible-grid-rsvp-te-ext](#)
- [draft-ietf-ccamp-flexigrid-lambda-label](#)
- [draft-ietf-ccamp-wson-iv-info](#)
- [draft-ietf-ccamp-grid-property-imp](#)

Document Status – WG Drafts Not on Agenda

• Status from list:

① [draft-ietf-ccamp-ospf-availability-extension-01](#)

② [draft-ietf-ccamp-rsvp-te-bandwidth-availability-01](#)

– **Current status:** These two drafts were adopted in August 2014. The drafts were updated with some editorial changes after the WG adoption.

– **Open issues:** Received some comments about general applicability (e.g., to see if it can be applied to OTN).

– **Next steps:** Discussion on the possibility to have the general part in TEAS and the technology specific in CCAMP.

• Submitted by

– Amy Ye (on behalf of all authors and contributors)

Document Status – WG Drafts Not on Agenda

- [draft-ietf-ccamp-additional-signal-type-g709v3](#)
- [draft-ietf-ccamp-otn-signal-type-subregistry](#)

Liaisons and Communications

- To ITU-T Q6/SG15
 - Sent 16th, Jan. 2015 on Application Codes for WSON
 - <http://datatracker.ietf.org/liaison/1377/>
- From ITU-T SG15
 - <http://datatracker.ietf.org/liaison/1388/>
 - LS/r on Application Codes for Wavelength Switched Optical Networks (reply to IETF-CCAMP-LS014)
 - WSON encode draft impacted
- General comment
 - Please review incoming documents and comment on ccamp@ietf.org

ROUTING AREA REORGANIZATION

High-level View

- Traffic Engineering Architecture and Signaling (TEAS)
 - TE Architecture
 - Generic protocol work for TE
 - Oversight and coordination of TE protocol work
- CCAMP
 - Protocols for non-packet data planes
 - LMP
- MPLS
 - Protocols for MPLS-TE (including MPLS-TP)
 - All other MPLS work as normal
- PCE
 - Coordination with TEAS on TE architecture involving PCE
 - All PCE work as currently
- Adding YANG deliverables everywhere
- Lots of cooperation between the working groups

CCAMP Impact

- <http://datatracker.ietf.org/doc/charter-ietf-ccamp>
- Generic TE work moves to TEAS
 - Coordinates with TEAS on TE Architecture
- Focus is on mechanisms for non-packet, technology specific networks, E.g.,
 - Flexible grid, Ethernet, TDM, OTN, ...
- Work on LMP is not impacted

TEAS & CCAMP Drafts

TEAS

- ...lsp-attribute-ro
- ...lsp-diversity
- ...mpls-tp-rsvpte-ext-associated-lsp
- ...rsvp-te-domain-subobjects
- ...rsvp-te-li-lb
- ...rsvp-te-srlg-collect
- ...te-metric-recording
- ...network-assigned-upstream-label
- ...interconnected-te-info-exchange

CCAMP

- ...flexi-grid-fwk
- ...flexible-grid-ospf-ext
- ...flexible-grid-rsvp-te-ext
- ...flexigrid-lambda-label
- ...grid-property-lmp
- ...wson-iv-info
- ...rsvp-te-bandwidth-availability
 - Possibly generic
- ...ospf-availability-extension
 - Possibly generic
- ...additional-signal-type-g709v3
- ...otn-signal-type-subregistry