

CCAMP Working Group

Online Agenda and Slides at:

<http://tools.ietf.org/wg/ccamp/agenda?item=agenda86.html>

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

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

IETF Note Well

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

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Administrative

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

Sessions

- WEDNESDAY, March 13, 2013
 - 900 - 1130 Morning Session I
 - Room Name: Caribbean 4
- FRIDAY, March 15, 2013
 - 0900-1100 Friday Morning Session I
 - 1230-1330 Friday Afternoon Session II
 - Room Name: Caribbean 4
- Details:
 - <http://tools.ietf.org/wg/ccamp/agenda?item=agenda86.html>

CCAMP Working Group Status

Chairs:

Lou Berger <lberger@labn.net>

Deborah Brungard <db3546@att.com>

Secretaries:

Dan King <daniel@olddog.co.uk>

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<daniele.ceccarelli@ericsson.com>

Document Status – RFCs

- New Errata:
 - [RFC6107](#) – Editorial correction, not technical impact
- Recent RFCs:
 - [RFC 6777](#) – [draft-ietf-ccamp-dpm](#)
 - [RFC 6827](#) – [draft-ietf-ccamp-rfc5787bis](#)
 - [RFC 6825](#) – [draft-ietf-ccamp-gmpls-ted-mib](#)
- In RFC Editor's Queue:
 - [draft-ietf-ccamp-imp-behavior-negotiation-11](#) ([EDIT](#))
- IESG Processing
 - None

Document Status – Post WG Last Call

- Waiting for authors
 - draft-ietf-ccamp-rsvp-te-mpls-tp-oam-ext
 - For an update and resolution of comments
 - draft-ietf-ccamp-gmpls-signaling-g709v3
 - For resolution of tolerance/mapping comments
- Waiting for other documents
 - draft-ietf-ccamp-oam-configuration-fwk
 - draft-ietf-ccamp-rsvp-te-eth-oam-ext
 - draft-ietf-ccamp-rsvp-te-sdh-otn-oam-ext
 - draft-ietf-ccamp-gmpls-g709-framework
 - draft-ietf-ccamp-otn-g709-info-model
 - draft-ietf-ccamp-gmpls-ospf-g709v3

Post LC change to: draft-ietf-ccamp-rsvp-te-mpls-tp-oam-ext

- Problem pointed out by Fei Zhang in <http://www.ietf.org/mail-archive/web/ccamp/current/msg13559.html> "... the tunnel number assigned by the egress LER should be carried back ...".
 - Both MEPs needs to know MEP-ID from the other end-point
 - Two alternatives discussed: ASSOCIATOPN Object or **extended sub-TLV** ← selected option

3.3.1. Local Discriminator sub-TLV

The "Local Discriminator sub-TLV" is carried as a sub-TLV of the "BFD Configuration sub-TLV" and is depicted below.

```

0          1          2          3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
+-----+-----+-----+-----+
| Lcl. Discr. Type (1) (IANA) | Length |
+-----+-----+-----+-----+
|                               Local Discriminator                               |
+-----+-----+-----+-----+

```

Type: indicates a new type, the Local Discriminator sub-TLV (1) (IANA

to define).

Length: indicates the TLV total length in octets. (8)

Local Discriminator: A unique, nonzero discriminator value generated by the transmitting system and referring to itself, used to demultiplex multiple BFD sessions between the same pair of systems.

3.3.1. BFD Identifiers sub-TLV

The "BFD Identifiers sub-TLV" is carried as a sub-TLV of the "BFD Configuration sub-TLV" and is depicted below.

```

0          1          2          3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
+-----+-----+-----+-----+
| BFD ident. Type (1) (IANA) | Length |
+-----+-----+-----+-----+
|                               Local Discriminator                               |
+-----+-----+-----+-----+
|                               MPLS-TP Global_ID                               |
+-----+-----+-----+-----+
|                               MPLS-TP Node Identifier                               |
+-----+-----+-----+-----+
|                               Tunnel_Num | LSP_Num                               |
+-----+-----+-----+-----+

```

Type: indicates a new type, the "BFD Identifiers sub-TLV" (1) (IANA to define).

Length: indicates the TLV total length in octets. (8)

Local Discriminator: A unique, nonzero discriminator value generated by the transmitting system and referring to itself, used to demultiplex multiple BFD sessions between the same pair of systems.

MPLS-TP Global_ID, Node Identifier, Tunnel_Num, and LSP_Num: all set as defined in [RFC6370].

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

WG Drafts on the Agenda

- draft-ietf-ccamp-gmpls-g709-framework
- draft-ietf-ccamp-otn-g709-info-model
- draft-ietf-ccamp-gmpls-ospf-g709v3
- draft-ietf-ccamp-gmpls-signaling-g709v3
- draft-ietf-ccamp-lsp-attribute-ro
- draft-ietf-ccamp-lsp-diversity
- draft-ietf-ccamp-rsvp-te-srlg-collect
- draft-ietf-ccamp-te-metric-recording
- draft-ietf-ccamp-wson-signal-compatibility-ospf
- draft-ietf-ccamp-wson-signaling

WG Drafts Not on Agenda

- draft-ietf-ccamp-general-constraint-encode
- draft-ietf-ccamp-mpls-tp-rsvpte-ext-associated-lsp
- draft-ietf-ccamp-rwa-info
- draft-ietf-ccamp-rwa-wson-encode
- draft-ietf-ccamp-swcaps-update
 - Status sent to list

Liaisons and Communications

- Broadband Forum
 - Received 01-25: (misaddressed)
 - [Initiation of Work on Packet and DWDM Optimization](#)
- General comment
 - Please review incoming documents and comment on ccamp@ietf.org