

TRILL Working Group

TRansparent Interconnection of Lots of Links

Mailing list address: trill@ietf.org

Tools site: <http://tools.ietf.org/wg/trill/>

Website: <http://www.postel.org/rbridge>

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Secretary: Jon Hudson jon.hudson@gmail.com

Area Director: Ted Lemon

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)

Agenda (1/2)

InterContinental Hotel, Berlin, Germany

Tuesday, July 30, 2013, 17:00 – 18:30

Charlottenburg Room 2/3

- 5 min. Administrivia (scribes etc), Agenda Bashing, Chairs
 - 15 min. Document Status, Revised Charter, Review of Milestones, Chairs
 - 30 min. TRILL OAM, Tissa Senevirathne, Donald Eastlake
 - draft-ietf-trill-oam-fm-00
 - draft-mizrahi-trill-loss-delay-01
 - draft-deepak-trill-oam-mib-00

Agenda (2/2)

- TRILL WG Agenda Continued
 - 20 min. Directory Assist, Linda Dunbar, Donald Eastlake
draft-dunbar-trill-scheme-for-directory-assist-05
draft-eastlake-trill-ia-appsubtlv-00
draft-dunbar-trill-directory-assisted-encap-04
 - 10 min. Active-Active Edge Problem Statement, Yizhou Li
draft-yizhou-trill-active-active-connection-prob-00
 - 5 min. Wrap-Up, Chairs

Document Status

TRILL Specific RFCs

- RFC 5556, “TRILL: Problem and Applicability Statement”
- RFC 6325, “RBridges: Base Protocol Specification”
- RFC 6326, “TRILL Use of IS-IS”
- RFC 6327, “RBridges: Adjacency”
- RFC 6361, “PPP TRILL Protocol Control Protocol”
- RFC 6439, “RBridges: Appointed Forwarders
- RFC 6847, “FCoE over TRILL”
- RFC 6850, “Definitions of Managed Objects for RBridges”
- RFC 6905, “Requirements for OAM in TRILL”

Document Status

- In RFC Editor's Queue
 - draft-ietf-trill-clear-correct-06.txt
 - draft-ietf-trill-fine-labeling-07.txt
 - draft-ietf-trill-rbridge-bfd-07.txt
 - draft-ietf-trill-rbridge-channel-08.txt
 - draft-ietf-trill-rbridge-extension-05.txt
- Past IETF Last Call
 - draft-ietf-trill-directory-framework-06.txt
- Past WG Last Call
 - draft-ietf-trill-oam-framework-02.txt
 - draft-ietf-trill-esadi-03.txt

Document Status

In WG Last Call

- draft-ietf-trill-rfc6327bis-01.txt
 - Updates RFC 6327 to cover point-to-point, non-Ethernet links, and use of BFD.

Other TRILL WG Drafts

- draft-ietf-trill-cmt-01.txt
- draft-ietf-trill-oam-fm-00.txt
- draft-ietf-trill-rbridge-vlan-mapping-09.txt

Please read the drafts!

Document Status

TRILL Related WG Drafts in Other WGs
In WG Last Call

– draft-ietf-isis-rfc6326bis-01.txt

Charter Revision

Revised Charter was presented at the March 2013 TRILL WG meeting in Orlando.

Charter has been through Internal Review in the IESG and has been posted to the IETF discuss list and TRILL WG list.

Milestones

- COMPLETED
 - (**Many** earlier milestones not listed.)
 - Submit TRILL adjacency state machine to IESG for publication as Proposed Standard
 - Submit RBridge MIB module to IESG for publication as Proposed Standard
 - Submit RBridge OAM requirements to IESG for publication
 - Initial WG OAM framework draft
 - Initial WG ARP/ND optimization draft

Milestones (cont.)

- **COMPLETED**

- Submit OAM framework document to IESG for publication
- Initial WG draft on TRILL OAM fault management

- **PAST DUE**

- Apr 2013 Initial WG draft on TRILL OAM performance monitoring

Milestones (cont.)

- Future Milestones

- Jul 2013 Submit RBridge support of DCB (PFC, ETS, CN) to IESG for publication as Proposed Standard
- Dec 2013 Submit TRILL ARP/ND optimizations to IESG for publication as Proposed Standard
- Dec 2014 Re-charter or shut down the WG

- Revision

The Milestones should be revised once the new Charter is approved, primarily to make appropriate additions.

TRILL Plugfest

- There was a successful TRILL Plugfest in May at the UNH InterOperability Laboratory (UNH IOL)
 - While there were some glitches, all TRILL switches involved successfully interacted with each other on the control plane and, for both unicast and multi-destination data, on the data plane.
- Participants included the following and one additional switch manufacturer (who has not yet given permission to be listed).
 - Extreme Networks, Huawei Technologies, Ixia
- A White Paper giving more information should be posted shortly.