

TRILL Working Group

TRansparent Interconnection of Lots of Links

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Agenda (1/4)

Fairmont Royal York Hotel, Toronto, Ontario, Canada

Monday, July 21, 2014, 09:00 – 11:30

Manitoba Room

- 5 min. Administrativa (scribes), Agenda Bashing, Chairs
- 10 min. Document Status, Review of Milestones, Chairs
- 5 min. TRILL Implementation Report, Susan Hares

- 15 min. TRILL OAM Status Update,
Tissa Senevirathne, Tal Mizrahi, Deepak Kumar
draft-ietf-trill-oam-fm-06, draft-ietf-trill-loss-delay-05
draft-ietf-trill-oam-mib-00
draft-tissa-trill-yang-oam-00

Agenda (2/4)

- TRILL WG Agenda Continued
 - 35 min. TRILL Active-Active,
Hongjun Zhai, Tissa Senevirathne, Yizhou Li,
Mingui Zhang, Weiguo Hao
draft-hu-trill-pseudonode-nickname-08
draft-zhang-trill-aa-multi-attach-04
draft-ietf-trill-cmt-03
draft-hao-trill-analysis-active-active-01
 - 12 min. TRILL Over IP
Margaret Wasserman, Dacheng Zhang
draft-ietf-trill-over-ip-01.txt

Agenda (3/4)

- TRILL WG Agenda Continued
 - 12 min. Directory Assisted Edge,
Donald Eastlake, Linda Dunbar
draft-ietf-trill-directory-assist-mechanisms-00
draft-ietf-trill-ia-appsubtlv-01
draft-ietf-trill-channel-tunnel-01
draft-dunbar-trill-directory-assisted-encap-07
 - 22 min. Layer 3 Gateway: Weiguo Hao
Distributed: draft-hao-trill-irb-04
Anycast: draft-hao-trill-anycast-gw-00

Agenda (4/4)

- TRILL WG Agenda Continued
 - 10 min. Further TRILL Clarifications, Corrections, and Updates
rfc7180bis, Donald Eastlake
 - 4 min. Wrap-Up, Chairs

Document Status

TRILL Standards Track Basic Protocol RFCs

- **RFC 6325, “RBridges: Base Protocol Specification”**
- RFC 6439, “RBridges: Appointed Forwarders
- RFC 7176, “TRILL: Use of IS-IS”
- RFC 7177, “TRILL: Adjacency”
- RFC 7180, “TRILL: Clarifications, Corrections, and Updates”

TRILL Standards Track Protocol Options RFCs

- RFC 6850, “Definitions of Managed Objects for RBridges”
- RFC 7172, “TRILL: Fine Grained Labeling”
- RFC 7175, “TRILL: BFD Support”
- RFC 7178, “TRILL: RBridge Channel Support.
- RFC 7179, “TRILL: Header Extension”

Document Status

TRILL Standards Track Link Protocols (see RFC 6325 above for Ethernet)

- RFC 6361, “PPP TRILL Protocol Control Protocol”
- RFC 7173, “TRILL: Transport Using Pseudowires”

TRILL Informational RFCs

- RFC 5556, “TRILL: Problem and Applicability Statement”
- RFC 6847, “FCoE over TRILL”
- RFC 6905, “Requirements for OAM in TRILL”
- RFC 7067, “Directory Assistance Problem and High-Level Design Proposal”
- RFC 7174, “TRILL: OAM Framework”

Document Status

TRILL Related IANA RFCs

- RFC 6328, “NLPID IANA Considerations”
- RFC 7319, “CFM IANA Considerations”

Obsoleted TRILL RFCs

- RFC 6326, “TRILL use of IS-IS” (obsoleted by RFC 7176)
- RFC 6327, “RBridges: Adjacency” (obsoleted by RFC 7177)

Document Status

- In RFC Editor's Queue
 - draft-ietf-trill-esadi-09.txt
- Through IETF Last Call
 - draft-ietf-trill-active-active-connection-prob-05.txt
- In IETF Last Call
 - draft-ietf-trill-oam-fm-06.txt
 - draft-ietf-trill-loss-delay-05.txt

Document Status

- Other TRILL WG Drafts
 - draft-ietf-trill-channel-tunnel-00.txt
 - draft-ietf-trill-cmt-02.txt
 - draft-ietf-trill-ia-appsubtlv-00.txt
 - draft-ietf-trill-oam-mib-00.txt
 - draft-ietf-trill-over-ip-01.txt
 - draft-ietf-trill-rbridge-vlan-mapping-10.txt
 - draft-ietf-trill-resilient-trees-00.txt

Please read the drafts!

Document Status

- Drafts in Call for TRILL WG Adoption:
 - draft-hu-trill-pseudonode-nickname-08
 - draft-zhang-trill-aa-multi-attach-04

Please read the drafts!

Major Effort Priorities

- The Co-Chairs believe that the relative priority of the current major specification efforts in the TRILL WG is as below. Major efforts typically have multiple documents.
 1. OAM
 2. Active-Active
 3. ARP&ND Optimization / Directory Assist

Current Milestones

- **Completed**
 - **Many** earlier completed milestones not listed.
 - Submit RBridge MIB module to IESG for publication as Proposed Standard
 - Initial WG ARP/ND optimization draft
 - Submit OAM framework document to IESG for publication
 - Initial WG draft on TRILL over IP
 - Submit OAM Fault Management to IESG as Proposed Standard
 - Submit OAM Performance Management to IESG as Proposed Standard

Current Milestones (cont.)

- **Overdue Milestones**

- Mar 2014 Submit ARP/ND Optimization to IESG as Proposed Standard
- Mar 2014 Initial WG draft on TRILL Implementation
- April 2014 Submit Active-Active to IESG for Proposed Standard
- Jun 2014 Submit TRILL-over-IP to IESG for Proposed Standard

Current Milestones (cont.)

- **Future Milestones**

- Jul 2014 Submit Multilevel to IESG for Proposed Standard
- Aug 2014 Submit MultiTopology to IESG as Proposed Standard
- Nov 2014 Initial WG draft on TRILL IS-IS Security
- Mar 2015 Submit RBridge support of DCB (PFC, ETS, CN) to IESG for publication as Proposed Standard
- Dec 2015 Re-charter or shut down the WG