

TRILL Working Group

TRansparent Interconnection of Lots of Links

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Agenda (1/3)

Hilton Hawaiian Village, Honolulu, Hawaii

Wednesday, November 12, 2014

15:20-16:50 Kahili Room

- 5 min. Administrivia (scribes), Agenda Bashing, Chairs
- 15 min. Document Status, Review of Milestones, Chairs
- 5 min. TRILL OAM Status Update,
Tissa Senevirathne, Deepak Kumar
draft-ietf-trill-oam-mib-01
draft-ietf-trill-yang-oam-00

Agenda (2/3)

- TRILL WG Agenda Continued
 - 10 min. TRILL Clarifications, Corrections, and Updates
Donald Eastlake
draft-eastlake-trill-rfc7180bis-01
 - 10 min. Centralized Replication for BUM Traffic in Active-Active TRILL Edge, Weiguo Hao
draft-hao-trill-centralized-replication-02
 - 5 min. TRILL Active-Active Status/Summary
Hongjun Zhai, Tissa Senevirathne, Yizhou Li,
Mingui Zhang, Weiguo Hao
draft-ietf-trill-aa-multi-attach-02
draft-ietf-trill-cmt-03
draft-ietf-trill-pseudonode-nickname-02

Agenda (3/3)

- TRILL WG Agenda Continued
 - 15 min. TRILL Over IP
Margaret Wasserman, Dacheng Zhang,
Donald Eastlake
draft-ietf-trill-over-ip-01
 - 5 min. Directory Assisted Edge Status,
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-08
 - 5 min Smart End Nodes, Hu Fangwei
draft-perlman-trill-smart-endnodes-04
 - 5 min. Wrap-Up, Chairs

Document Status

TRILL Standards Track 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”

Document Status

TRILL Standards Track Optional 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”
- RFC 7357, “TRILL: ESADI”

Document Status

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

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

TRILL Related IANA RFCs

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

Document Status

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

- In RFC Editor's Queue
 - draft-ietf-trill-loss-delay-08.txt
 - draft-ietf-trill-oam-fm-09.txt
- In Call for TRILL WG Adoption:
 - draft-eastlake-trill-rfc7180bis-01.txt

Please read the drafts!

Document Status

- Other TRILL WG Drafts
 - draft-ietf-trill-aa-multi-attach-02.txt
 - draft-ietf-trill-channel-tunnel-01.txt
 - draft-ietf-trill-cmt-04.txt
 - draft-ietf-trill-directory-assist-mechanisms-01.txt
 - draft-ietf-trill-ia-appsubtlv-00.txt
 - draft-ietf-trill-irb-00.txt
 - draft-ietf-trill-oam-mib-01.txt
 - draft-ietf-trill-over-ip-01.txt
 - draft-ietf-trill-pseudonode-nickname-02.txt
 - draft-ietf-trill-resilient-trees-00.txt

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 – complete except for MIB / YANG
 2. Active-Active
 3. Directory Assist / ARP&ND Optimization

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
- Jul 2014 Submit Multilevel TRILL to IESG for Proposed Standard
- Aug 2014 Submit MultiTopology TRILL to IESG as Proposed Standard

Current Milestones (cont.)

- **Future Milestones**

- 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

Proposed Milestones

- **Proposed Changed and Added TRILL Milestones**
 - **Underlined = added milestone**
 - Dec 2014 Submit Active-Active to IESG
 - Dec 2014 Submit TRILL-over-IP to IESG
 - Jan 2014 Initial WG draft on Multi-Level TRILL
 - Jan 2015 Submit TRILL Directory Assistance to IESG
 - Mar 2015 Initial WG draft on TRILL Multi-topology
 - Apr 2015 Submit ARP/ND optimization to IESG
 - Apr 2015 Initial WG draft on TRILL Implementation Report
 - May 2015 Submit Multi-level TRILL to IESG
 - Jun 2015 Initial WG draft on TRILL IS-IS Security
 - Aug 2015 Submit Multi-topology TRILL to IESG
 - Dec 2015 Submit RBridge support of Data Center Bridging to IESG
 - Aug 2016 Re-charter or shut down the WG