

TRILL Working Group

TRansparent Interconnection of Lots of Links

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Agenda

Hilton Buenos Aires, Buenos Aires, Argentina Wednesday, April 6, 2016.

10:00–12:30 Quebracho Room

- 5 min. Administrativa (scribes), Agenda Bashing, Chairs
- 5 min. Status, Review of Milestones, Chairs

- 12 min. TRILL Address Flush Message, Yizhou Li
draft-hao-trill-address-flush-01
- 20 min. TRILL ECN Support
draft-eastlake-trill-ecn-support-00
- 12 min. Smart End Nodes, Fangwei Hu
draft-ietf-trill-smart-endnodes-03

Agenda (cont.)

- 12 min. Group Keying, Margaret Cullen, Dachang Zhang
Donald Eastlake, Mingui Zhang
draft-ietf-trill-over-ip-05
- 20 min. Multi-Topology / Multi-Level TRILL
Mingui Zhang, Donald Eastlake, Radia Perlman
draft-ietf-trill-rbridge-multilevel-01
draft-ietf-trill-multi-topology-01
draft-ietf-trill-multilevel-single-nickname-01
draft-zhang-trill-multilevel-unique-nickname-00
- 12 min. TRILL Charter Revision, Jon Hudson
- 5 min. Wrap-Up, Chairs

Document Status

- **New RFCs Since Last Meeting**


- **RFC 7780** TRILL: Clarifications, Corrections, and Updates

- **RFC 7781**
TRILL: Pseudo-Nickname for Active-Active Access

- **RFC 7782**
TRILL: Active-Active Edge Using Multiple MAC Attachments

- **RFC 7783**
Coordinated Multicast Trees (CMT) for TRILL

- **RFC 7784** TRILL: OAM MIB



Active-Active

Document Status

TRILL Standards Track Base Mandatory RFCs

(These RFCs contain a mix of mandatory and optional specifications)

- **RFC 6325, “RBridges: Base Protocol Specification”**
- RFC 6439, “RBridges: Appointed Forwarders
- RFC 7176, “TRILL: Use of IS-IS”
- RFC 7177, “TRILL: Adjacency”
- RFC 7780, “TRILL: Clarifications, Corrections, and Updates”

TRILL Standards Track Link Technology RFCs

(see RFC 6325 for Ethernet)

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

Document Status

TRILL MIBSs

- RFC 6850, “Definitions of Managed Objects for RBridges”
- RFC 7784, “TRILL OAM MIB”

TRILL Standards Track Optional RFCs

- 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”
- RFC 7455, “TRILL: Fault Management”
- RFC 7456, “Loss and Delay Measurement in TRILL”

Document Status

- Passed WG Last Call:
 - **Directory Group**
 - draft-ietf-trill-directory-assist-mechanisms-06.txt
 - draft-ietf-trill-ia-appsubtlv-07.txt
 - draft-ietf-trill-arp-optimization-05.txt
 - draft-ietf-trill-channel-tunnel-08.txt
 - **Other**
 - draft-ietf-trill-irb-10.txt
 - draft-ietf-trill-rbridge-multilevel-01.txt
 - draft-ietf-trill-tree-selection-01.txt

Document Status

- Other TRILL WG Drafts
 - draft-ietf-trill-centralized-replication-05.txt
 - draft-ietf-trill-dci-00.txt
 - Draft-ietf-trill-directory-assisted-encap-02.txt
 - draft-ietf-trill-mtu-negotiation-01.txt
 - draft-ietf-trill-multi-topology-01.txt
 - draft-ietf-trill-multilevel-single-nickname-01.txt
 - draft-ietf-trill-over-ip-05.txt
 - draft-ietf-trill-p2mp-bfd-01.txt
 - draft-ietf-trill-resilient-trees-04.txt
 - draft-ietf-trill-rfc6439bis-01.txt
 - draft-ietf-trill-smart-endnodes-03.txt
 - draft-ietf-trill-transport-over-mpls-00.txt
 - draft-ietf-trill-yang-04.txt
 - draft-ietf-trill-yang-oam-03.txt
 - draft-ietf-trill-yang-pm-02.txt

Please Read the Drafts !

Milestones

- **Recently Completed Milestones**
 - Nov 2015 Submit Active-Active to IESG as Proposed Standard
 - Jan 2016 Submit ARP/ND Optimization to IESG as Proposed Standard

Overdue and Future Milestones

- **Overdue Milestones**

- Dec 2015 Submit TRILL-over-IP to IESG for Proposed Standard
- Feb 2016 Submit Multilevel TRILL to IESG for Proposed Standard
- Mar 2016 Submit Multi-topology TRILL to IESG for Proposed Standard

- **Future Milestones**

- May 2016 Submit Multi-topology to IESG as Proposed Standard
- May 2016 Initial WG draft on TRILL IS-IS Security
- Nov 2016 Submit RBridge support of DCB (PFC, ETS, CN) to IESG as Proposed Standard
- Jul 2017 Re-charter or shut down the WG