

TRILL Working Group

TRansparent Interconnection of Lots of Links

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Document Review Request

- Document quality relies on reviews, please review documents in your working group and at least one other document from another working group.
- If you'd like your documents you care about reviewed, put the effort in to review other documents.

Agenda

Conrad Seoul Hotel, Seoul, Korea

Wednesday, 16 November, 2016.

11:10–12:10 Studio 2 Room

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

- 12 min. Group Keying, Donald Eastlake
draft-eastlake-trill-group-keying
- 12 min. Review of draft revised Charter
- 10 min. Parent node Shifts in Tree Construction, Mitigation
Ramkumar Parameswaran (Brocade)
draft-rp-trill-parent-selection
- 5 min. Wrap-Up, Chairs

Document Status

Changes Since Last IETF Meeting:

- Four New RFCs
 - [RFC 7956](#) (TRILL: Distributed Layer 3 Gateway)
 - [RFC 7961](#) (TRILL: Interface Addresses APPsub-TLV)
 - [RFC 7968](#) (TRILL: Using Data Labels for Tree Selection for Multi-Destination Data)
 - [RFC 7978](#) (TRILL: RBridge Channel Header Extension)
- Two drafts passed WG Last Call
 - draft-ietf-trill-centralized-replication-06
 - draft-ietf-trill-resilient-trees-05

Document Status

Changes Since Last IETF Meeting:

- Drafts in WG Last Call
 - draft-ietf-trill-arp-optimization-07 (previously sent back by IESG)
 - draft-ietf-trill-smart-endnodes-04
 - draft-ietf-trill-over-ip-08
- One draft adopted by WG
 - draft-ietf-trill-ecn-support-00

Document Status

TRILL Standards Track Base Mandatory RFCs

- **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”

TRILL MIBs

- 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”
- 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”

Document Status

Other WG Drafts (not listed earlier)

- Passed WG Last Call:
 - draft-ietf-trill-directory-assist-mechanisms-07.txt
 - draft-ietf-trill-mtu-negotiations-04.txt
 - draft-ietf-trill-rbridge-multilevel-04.txt
 - draft-ietf-trill-rfc6439bis-02.txt
- Not yet in WG Last Cal
 - draft-ietf-trill-dci-00
 - draft-ietf-trill-directory-assisted-encap-02
 - draft-ietf-trill-multi-topology-02
 - draft-ietf-trill-multilevel-single-nickname-01
 - draft-ietf-trill-multilevel-unique-nickname-00
 - draft-ietf-trill-p2mp-bfd-01
 - draft-ietf-trill-transport-over-mpls-00
- TRILL WG Yang Drafts
 - draft-ietf-trill-yang-04
 - draft-ietf-trill-yang-oam-03
 - draft-ietf-trill-yang-pm-02

Milestones

- **Recently Completed Milestones**
 - Submit ARP/ND Optimization to IESG as Proposed Standard
 - Submit Active-Active to IESG for Proposed Standard
 - Submit OAM Performance Management to IESG for Proposed Standard
 - Submit OAM Fault Management to IESG for Proposed Standard

Overdue and Future Milestones

- **Overdue Milestones**

- Dec 2015 Submit TRILL-over-IP to IESG for Proposed Standard
- Dec 2015 Submit Directory Assistance Mechanisms to IESG for Proposed Standard
- Feb 2016 Submit Multilevel TRILL to IESG for Informational
- Mar 2016 Submit Multi-topology TRILL to IESG for Proposed Standard
- May 2016 Submit Multilevel TRILL to IESG for Proposed Standard

- **Future Milestones**

- Nov 2016 Submit RBridge support of DCB (PFC, ETS, CN) to IESG as Proposed Standard
- Jul 2017 Re-charter or shut down the WG