

TRILL Working Group

TRansparent Interconnection of Lots of Links

Mailing list address: trill@ietf.org

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

Co-Chair: Sue Hares (Hickory Hill Consulting) shares@ndzh.com

Co-Chair: Jon Hudson (self) jon.hudson@gmail.com

Secretary: Donald Eastlake, 3rd (Huawei) d3e3e3@gmail.com

Area Director: Alia Atlas (Juniper)

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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

Hilton Prague, Prague, Czech Republic

Friday, 21 July, 2016.

1150–1320, Karlin III Room

- 4 min. Administrativa (scribes), Agenda Bashing, Chairs
- 5 min. Status, Chairs
- 3 min. WG adoption of draft-rp-trill-parent-selection-03.txt
Ramkumar Parameswaran
- 12 min. Changes needed to TRILL over IP, Margaret Wasserman
draft-ietf-trill-over-ip-10.txt
- 8 min. Vendor Channel Protocol, Donald Eastlake
- 10 min. Changes needed to ARP/ND Optimization, Li Yizhou
draft-ietf-trill-arp-optimization-08.txt
- 4 min. Wrap-Up, Chairs

Document Status

- **New RFCs Published since last meeting**
 - RFC 8139, “TRILL: Appointed Forwarders”
 - RFC 8171, “TRILL: Edge Directory Assistance Mechanisms”
- **Draft in RFC Editor’s Queue**
 - draft-ietf-trill-rbridge-multilevel-07
- **Drafts through IESG but need changes**
 - draft-ietf-trill-arp-optimization-08
 - draft-ietf-trill-mtu-negotiation-05

Document Status

- **Draft in publication requested state, needs changes based on AD comments**
 - draft-ietf-trill-centralized-replication-08
- **Drafts past WG Last Call, need write-up and/or revision to incorporate comments**
 - draft-ietf-trill-over-ip-10
 - draft-ietf-trill-p2mp-bfd-05
 - draft-ietf-trill-resilient-trees-08

Document Status

- **Draft in WG Last Call**
 - draft-ietf-trill-directory-assisted-encap-05
 - draft-ietf-trill-ecn-suport-03
 - draft-ietf-trill-smart-endnodes-05
- **Drafts in call for adoption**
 - draft-eastlake-trill-group-keying-02
 - draft-rp-trill-parent-selection-03

Document Status

- **Other WG Drafts (not listed above)**
 - draft-ietf-trill-address-flush-03
 - draft-ietf-trill-dci-02
 - draft-ietf-trill-multi-topology-04
 - draft-ietf-trill-multilevel-single-nickname-03
 - draft-ietf-trill-multilevel-unique-nickname-02
 - draft-ietf-trill-transport-over-mpls-04
 - draft-ietf-trill-yang-oam-05

Document Status

TRILL Standards Track Base Mandatory RFCs

- **RFC 6325, “RBridges: Base Protocol Specification”**
- RFC 7176, “TRILL: Use of IS-IS”
- RFC 7177, “TRILL: Adjacency”
- RFC 7780, “TRILL: Clarifications, Corrections, and Updates”
- RFC 8139, “TRILL: Appointed Forwarders”

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”
- 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.T”RILL: RBridge Channel Header Extension”
- RFC 8171, “TRILL: Edge Directory Assistance Mechanisms”

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
 - Submit Directory Assistance Mechanisms to IESG for Proposed Standard
 - Submit Multilevel TRILL to IESG for Informational

Overdue and Future Milestones

- **Overdue Milestones**

- Dec 2015 Submit TRILL-over-IP to IESG for Proposed Standard
- Mar 2016 Submit Multi-topology TRILL to IESG for Proposed Standard
- May 2016 Submit Multilevel TRILL to IESG for Proposed Standard
- Nov 2016 Submit RBridge support of DCB (PFC, ETS, CN) to IESG as Proposed Standard

- **Future Milestones**

- Jul 2017 Re-charter or shut down the WG