TRILL Working Group

TRansparent Interconnection of Lots of Links

Mailing list address: trill@ietf.org
Tools site: http://tools.ietf.org/wg/trill/

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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

Intercontinental Berlin Hotel, Berlin, Germany
Thursday, 21 July, 2016.
18:30–19:30 Schoeneberg Room
– 5 min. Administrativia (scribes), Agenda Bashing, Chairs
– 5 min. Status, Review of Milestones, Chairs
– 10 min. TRILL over IP and Group Keying
  Margaret Cullen
– 10 min. Directory Services Status Update (Including ARP Optimization), Donald Eastlake, Yizhou Li
– 10 min. TRILL Charter Revision, Sue Hares
– 10 min. ECN Update, Bob Briscoe, Donald Eastlake
– 5 min. Wrap-Up, Chairs
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”

TRILL MIBs

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

July 2016

IETF TRILL WG
Document Status

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

• In RFC Editor’s Queue
  – draft-ietf-trill-ia-appsubtlv-08.txt
  – draft-ietf-trill-irb-14.txt
  – draft-ietf-trill-tree-selection-04.txt

• Passed IETF Last Call (at least once 😊):
  • draft-ietf-trill-arp-optimization-06.txt (back in WG)
  • draft-ietf-trill-channel-tunnel-09.txt (back in IETF Last Call)

• Passed WG Last Call
  • draft-ietf-trill-directory-assist-mechanisms-07.txt
  • draft-ietf-trill-mtu-negotiations-04.txt
  • draft-ietf-trill-rbridge-multilevel-03.txt
  • draft-ietf-trill-rfc6439bis-02.txt
Document Status

- In WG Last Call
  - draft-ietf-trill-centralized-replication-06
  - draft-ietf-trill-resilient-trees-05

- Other TRILL WG Drafts
  - draft-ietf-trill-address-flush-00
  - 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-over-ip-06
  - draft-ietf-trill-p2mp-bfd-01
  - draft-ietf-trill-smart-endnodes-03
  - 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