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. Administrativia (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
Changes Since Last IETF Meeting:

- **Four New RFCs**
  - [RFC 7978](https://tools.ietf.org/html/rfc7978) (TRILL: RBridge Channel Header Extension)

- **Two drafts passed WG Last Call**
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
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”
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