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

Raffles City Convention Center, Singapore

VIP A Room
- 5 min. Administrativia (scribes), Agenda Bashing, Chairs
- 5 min. Status, Chairs

- 12 min. Smart End Nodes, Hu Fangwei
draft-ietf-trill-smart-endnodes-06.txt
- 12 min. Group Keying Update, Donald Eastlake
draft-ietf-trill-group-keying-00.txt

- 5 min. Wrap-Up, Chairs
Document Status

• New RFCs Published since last meeting
  – RFC 8243, Alternatives for Multilevel TRILL
  – RFC 8249, TRILL MTU Negotiation

• Draft in RFC Editor’s Queue
  – draft-ietf-trill-arp-optimization-09
Document Status

• Draft in publication requested state
  – draft-ietf-trill-centralized-replication-10
  – draft-ietf-trill-resilient-trees-08

• Drafts past WG Last Call, need write-up and/or revision to incorporate comments
  – draft-ietf-trill-address-flush-03
  – draft-ietf-trill-ecn-support-03
  – draft-ietf-trill-p2mp-bfd-05
  – draft-ietf-trill-smart-endnodes-06
Document Status

• Draft in WG Last Call
  – draft-ietf-trill-directory-assisted-encap-05
  – draft-ietf-trill-multi-topology-05
  – draft-ietf-trill-transport-over-mpls-05

• Drafts in call for adoption
  – none
Document Status

• Other WG Drafts (not listed above)
  – draft-ietf-trill-group-keying-00
  – draft-ietf-trill-multilevel-single-nickname-03
  – draft-ietf-trill-multilevel-unique-nickname-02
  – draft-ietf-trill-over-ip-10
  – draft-ietf-trill-parent-selection-00
  – draft-ietf-trill-yang-oam-05

• Related WG Draft
  – draft-ietf-idr-ls-trill-03 (in IDR WG Last Call)
Document Status

• Possible Draft for WG Adoption
  – Mature Drafts
    • draft-eastlake-trill-vendor-channel
    • draft-perlman-trill-rbridge-data-encoding
  – Immature Draft
    • draft-eastlake-trill-link-security
Document Status

TRILL Standards Track Base Mandatory RFCs
- 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 “TRILL: 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 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
- **Jul 2017**  Re-charter or shut down the WG