TRILL Working Group

TRansparent Interconnection of Lots of Links

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Note Well!

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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.
Swissotel, Chicago, Illinois  
15:20–16:50 Zurich B Room  
– 5 min. Administrativia (scribes), Agenda Bashing, Chairs
– 5 min. Status, Chairs
– 8 min. YANG module draft development, Sue Hares
– 14 min. FGL in TRILL Header, Mohammed Umair
– 6 min. Fine Grained Labeling Backward Compatibility Donald Eastlake
– 6 min. TRILL Parent Selection, Ramkumar Parameswaran
– 8 min. Smart End Nodes, Fangwei Hu
– 5 min. Wrap-Up, Chairs
Document Status

Changes Since Last IETF Meeting:

• Two drafts now in RFC Editor queue
  – draft-ietf-trill-directory-assist-mechanisms
  – draft-ietf-trill-rfc6439bis

• Two drafts now in publication requested state
  – draft-ietf-trill-centralized-replication-06
  – drat-ietf-trill-mtu-negotiation-05

• Two draft returned to WG, to be revised and resubmitted
  – draft-ietf-trill-arp-optimization
  – draft-ietf-trill-rbridge-multilevel
Document Status

Changes Since Last IETF Meeting:

• Drafts past WG Last Call, need write-up and/or revision to incorporate comments
  – draft-ietf-trill-over-ip-08
  – draft-ietf-trill-resilient-trees-06

• Draft in WG Last Call
  – draft-ietf-trill-p2mp-bfd-04

• Drafts that need revision and another WG Last Call
  – draft-ietf-trill-smart-endnodes-05
  – draft-ietf-trill-address-flush-02
Document Status

Other WG Drafts (not listed above)
- draft-ietf-trill-dci-02
- draft-ietf-trill-directory-assisted-encap-02
- draft-ietf-trill-multi-topology-02
- draft-ietf-trill-multilevel-single-nickname-03
- draft-ietf-trill-multilevel-unique-nickname-01
- draft-ietf-trill-transport-over-mpls-02

• TRILL WG Yang Drafts
  - draft-ietf-trill-yang
  - draft-ietf-trill-yang-oam
  - draft-ietf-trill-yang-pm
Document Status

TRILL Standards Track Base Mandatory RFCs
- 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”
- 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”
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