

# 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  
17:40–18:40, Monday, 13 November 2017.**

## VIP A Room

- 5 min. Administrativa (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 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 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
- Jul 2017 Re-charter or shut down the WG