TRILL Working Group

TRansparent Interconnection of Lots of Links

Mailing list address: trill@ietf.org
Tools site: http://tools.ietf.org/wg/trill/
Website: http://www.postel.org/rbridge

Co-Chair: Erik Nordmark (Arista) nordmark@acm.org
Co-Chair: Donald Eastlake, 3rd (Huawei) d3e3e3@gmail.com
Secretary: Jon Hudson (Brocade) jon.hudson@gmail.com

Area Director: Ted Lemon
Note Well!

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- By participating with the IETF, you agree to follow IETF processes.
- If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.
- You understand that meetings might be recorded, broadcast, and publicly archived.

For further information, talk to a chair, ask an Area Director, or review the following:
BCP 9 (on the Internet Standards Process)
BCP 25 (on the Working Group processes)
BCP 78 (on the IETF Trust)
BCP 79 (on Intellectual Property Rights in the IETF)
Agenda (1/3)

Hyatt Regency Hotel, Vancouver, British Columbia
Wednesday, November 6, 2013, 15:50 – 17:20
Plaza C Room

- 4 min. Administrativia (scribes etc), Agenda Bashing, Chairs
  - 12 min. Document Status, Review of Milestones, Chairs

- 6 min. TRILL OAM Status Update
  Tissa Senevirathne, Tal Mizrahi, Deepak Kumar
draft-ietf-trill-oam-fm-00
draft-ietf-trill-loss-delay-00
draft-deepak-trill-oam-mib-01
Agenda (2/3)

• TRILL WG Agenda Continued

  – 10 min. Directory Assisted Edge, Linda Dunbar, Donald Eastlake
draft-dunbar-trill-scheme-for-directory-assist-06
draft-eastlake-trill-ia-appsubtlv-03
draft-dunbar-trill-directory-assisted-encap-04

  – 8 min. RBridge Channel Tunnel Protocol, Donald Eastlake
draft-eastlake-trill-channel-tunnel-00

  – 10 min. TRILL Active-Active Update, Radia Perlman
Agenda (3/3)

• TRILL WG Agenda Continued

  – 10 min. Control Plane Requirements for TRILL Active/Active, Mingui Zhang
draft-zhang-trill-active-active-cp-req-00

  – 10 min. Resilient Trees, Mingui Zhang
draft-zhang-trill-resilient-trees-02

  – 10 min. Smart End Nodes, Fangwei Hu
draft-perlman-trill-smart-endnodes-01

  – 4 min. Wrap-Up, Chairs
Document Status

TRILL Specific RFCs

bold face = standards track

- RFC 5556, “TRILL: Problem and Applicability Statement”
- RFC 6326, “TRILL Use of IS-IS”
- RFC 6327, “RBriges: Adjacency”
- RFC 6361, “PPP TRILL Protocol Control Protocol”
- RFC 6439, “RBridges: Appointed Forwarders”
- RFC 6847, “FCoE over TRILL”
- RFC 6850, “Definitions of Managed Objects for RBridges”
- RFC 6905, “Requirements for OAM in TRILL”
Document Status

• In AUTH48 (RFC-to-be 7067)
  – draft-ietf-trill-directory-framework-07.txt

• In RFC Editor’s Queue
  – draft-ietf-trill-clear-correct-06.txt
  – draft-ietf-trill-fine-labeling-07.txt
  – draft-ietf-trill-rbridge-bfd-07.txt
  – draft-ietf-trill-rbridge-channel-08.txt
  – draft-ietf-trill-rbridge-extension-05.txt

• Publication Requested
  – draft-ietf-trill-oam-framework-02.txt
  – draft-ietf-trill-rfc6327bis-02.txt
Document Status

• Past WG Last Call
  – draft-ietf-isis-rfc6326bis-01.txt
  – draft-ietf-trill-esadi-03.txt

• Other Drafts in TRILL WG
  – draft-ietf-trill-cmt-01.txt
  – draft-ietf-trill-loss-delay-00.txt
  – draft-ietf-trill-o-pw-01.txt
  – draft-ietf-trill-oam-fm-00.txt
  – draft-ietf-trill-rbridge-vlan-mapping-09.txt

Please read the drafts!
Document Status

• Other TRILL Related Drafts in Other WGs
  – draft-ietf-l2vpn-trill-evpn-01.txt

• Draft in Call for TRILL WG Adoption
  – draft-dunbar-trill-scheme-for-directory-assist-06.txt
  – draft-eastlake-trill-ia-appsubtlv-03.txt
  – draft-zhang-trill-resilient-trees-02.txt

Please read the drafts!
Current Milestones

• COMPLETED
  – Many earlier completed milestones not listed.
  – Submit TRILL adjacency state machine to IESG for publication as Proposed Standard
  – Submit RBridge MIB module to IESG for publication as Proposed Standard
  – Submit RBridge OAM requirements to IESG for publication
  – Initial WG OAM framework draft
  – Initial WG ARP/ND optimization draft
  – Submit OAM framework document to IESG for publication
Current Milestones (cont.)

• COMPLETED
  – Initial WG draft on TRILL OAM fault management
  – Apr 2013 Initial WG draft on TRILL OAM performance monitoring
Current Milestones (cont.)

• Remaining Milestones

  – Jul 2013  Submit RBridge support of DCB (PFC, ETS, CN) to IESG for publication as Proposed Standard
  – Dec 2013  Submit TRILL ARP/ND optimizations to IESG for publication as Proposed Standard
  – Dec 2014  Re-charter or shut down the WG
Proposed Milestones

- Jan 2014  WG adopt TRILL-over-IP draft
- Feb 2014  Submit OAM FM to IESG
- Mar 2014  Submit ARP/ND Optimization to IESG for PS
- Mar 2014  WG adopt TRILL Implementation report
- Apr 2014  Submit Active-Active to IESG for PS
- Apr 2014  Submit OAM PM to IESG for PS
- Jun 2014  Submit TRILL-over-IP to IESG for PS
- Jul 2014  Submit Multi-level to IESG for PS
- Aug 2014  Submit Multi-topology to IESG for PS
- Nov 2014  WG adopt TRILL IS-IS Security draft
- Mar 2015  Submit TRILL support of DCB to IESG for PS
- Dec 2015  Shutdown or re-Charter WG