

TRILL Working Group

TRansparent Interconnection of Lots of Links

Mailing list: rbridge@postel.org

Tools site: <http://tools.ietf.org/wg/trill/>

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Note Well !

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Agenda

Le Palais des Congres de Paris, Paris, France

Session 1, Monday 0900-1130, Room 241

Session 2, Friday 1120-1220, Room 242AB

- Introduction, Chairs
- OAM
- Directory Assisted Edge
- Other Drafts
- Link Protocols
- Friday OAM Discussion
- Data Center Interconnect
- Wrap-Up, Chairs

Agenda 1/3

- Introduction, Chairs
 - 5 min. Administrivia (scribes etc), Agenda Bashing, Chairs
 - 5 min. Review of Milestones, Doc Status, Open Source Chairs
- OAM Section
 - 10 min. ICMP based OAM Solution for TRILL, Tissa Senevirathne
draft-tissa-trill-oam-03.txt
 - 15 min. Proactive connectivity monitoring for TRILL, Rohit Watve
draft-rohit-trill-proactive-oam-00.txt
 - 15 min. RBridge OAM Support, David Bond, Thomas Narten
draft-ietf-trill-rbridge-oam-02.txt
(draft-yizhou-trill-multi-destination-ping-01 not presented)
 - 20 MIN. OAM Discussion, Thomas Narten, Tissa Senevirathne
- Directory Assisted Edge
 - 10 min. Directory Assisted TRILL Edge, Linda Dunbar
draft-dunbar-trill-directory-assisted-edge-05.txt

Agenda 2/3

- Other Drafts

- 15 min. Coordinated Multicast Trees for TRILL, Tissa Senevirathne
draft-tissa-trill-cmt-00.txt
- 15 min. Default Nickname Based Approach for Multilevel TRILL,
Tissa Senevirathne
draft-tissa-trill-multilevel-00.txt
- 15 min. VLAN Based Tree Selection for MultiDestination Frames,
Yizhou Li, Weiguo Hao
draft-yizhou-trill-tree-selection-00.txt
- 15 min. TRILL ESADI Protocol, Hongjun Zhai, Fangwei Hu
draft-hu-trill-rbridge-esadi-03.txt
- 10 min. TRILL MTU Negotiation, Mingui Zhang
draft-zhang-trill-mtu-negotiation-02.txt

- Link Protocols

- 10 min. Liaison to IEEE 802.11 re TRILL in 802.11 mesh
Donald Eastlake

Agenda 3/3

FRIDAY

- OAM Discussion
 - 25 min. OAM Review and Discussion
- Data Center Interconnect
 - 10 min. PBB EVPN, Ali Sajassi
draft-sajassi-l2vpn-pbb-evpn-03.txt
 - 10 min. TRILL Data Center Interconnect, Sam Aldrin,
draft-aldrin-trill-data-center-interconnect-00.txt
 - 10 min. Connecting Disparate DC/PBB/Campus TRILL sitew with BGP
Bhargav Bhikkaji, Alaji Vankataswami
draft-balaji-trill-over-ip-multi-level-03.txt
- Wrap-Up
 - 5 min. Chairs

New Goals and Milestones

- COMPLETED
 - (Many earlier milestones not listed.)
 - Initial WG draft on VLAN Mapping
 - Submit TRILL adjacency state machine to IESG for publication as Proposed Standard
 - Submit RBridge MIB module to IESG for publication as Proposed Standard
 - Initial WG draft on RBridge OAM

Goals and Milestones (cont.)

- OVERDUE

- Mar 2011 Submit TRILL Header Extensions to IESG for publication as Proposed Standard
- Mar 2011 Initial WG draft on ARP/ND opt.
- May 2011 Submit TRILL ARP/ND optimizations to IESG for publication as Proposed Standard
- Jun 2011 Submit RBridge support of DCB to IESG for publication as Proposed Standard
 - draft-eastlake-trill-rbridge-dcb-03.txt
- Jul 2011 Submit RBridge OAM to IESG for publication as Proposed Standard

Goals and Milestones (cont.)

- FUTURE
 - Jul 2012 Re-charter or shut down the WG

TRILL WG Mailing List

- The TRILL WG Mailing List may be moving soon from
 - rbridge@postel.org
 - To trill@ietf.org
 - Thanks to Joe Touch for maintaining the mailing list in the past.

Document Status

RFCs

- RFC 5556, “TRILL: Problem and Applicability Statement”
- RFC 6165, “Extensions to IS-IS for Layer-2 Systems”
- RFC 6325, “RBridges: Base Protocol Specification”
- RFC 6326, “TRILL Use of IS-IS”
- RFC 6327, “RBridges: Adjacency”
- RFC 6328, “IANA Considerations for NLPIDs”
- RFC 6361, “PPP TRILL Protocol Control Protocol”

New since last IETF Meeting:

- RFC 6439, “RBridges” Appointed Forwarders”

Document Status

In IESG Consideration

- Definitions of Managed Objects for Rbridges
 - draft-ietf-trill-rbridge-mib-06.txt

Passed WG Last Call

- draft-ietf-trill-rbridge-bfd-03.txt
- draft-ietf-trill-rbridge-channel-05.txt
- draft-ietf-trill-rbridge-extension-03.txt

Document Status

Other WG Drafts

- draft-ietf-trill-clear-correct-01.txt (in WGLC)
- draft-ietf-trill-fine-labeling-00.txt
- draft-ietf-trill-rbridge-oam-02.txt
- draft-ietf-trill-rbridge-options-06.txt
- draft-ietf-trill-rbridge-vlan-mapping-06.txt

Please read the drafts!

Open Source Implementations

- Oracle: TRILL for Solaris



- <http://hub.opensolaris.org/bin/view/Project+rbridges/WebHome>

- Port to Linux (in process):
National University of Sciences and Technology
(NUST), Islamabad,
Pakistan



- Ali Khayam, Associate Professor
- <http://www.wisnet.seecs.nust.edu.pk/people/~khayam/index.php>