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

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Area Director:  Ralph Droms
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Agenda (1/2)

Hilton Atlanta, Atlanta Georgia
Tuesday 0900-1130, Salon C

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

- 20 min. OAM, Tissa Senevirathne
draft-ietf-trill-oam-req-02.txt,
draft-samer-trill-oam-framework-02.txt
draft-tissa-trill-oam-fm-00.txt

- 20 min. Fine Grained Labeling, Donald Eastlake
draft-ietf-trill-fine-labeling-02.txt

- 20 min. Directory Assist, Linda Dunbar
draft-ietf-trill-directory-framework-01.txt,
draft-dunbar-trill-scheme-for-directory-assist-03.txt
Agenda (2/2)

• TRILL WG Agenda Continued
• Potential new work for the WG to adopt:
  
  – 5 min. Spanning Tree Topology Change, Li Yizhou
draft draft-yizhou-trill-tc-awareness-01.txt
  – 12 min. Resilient Distribution Trees, Mingui Zhang
draft-zhang-trill-resilient-trees-01.txt
  – 15 min. Pseudonode Nickname, Zhai Hongjun, Tissa Senervirathne
draft-hu-trill-pseudonode-nickname-03.txt
  – 12 min. AF Fair Share, Kesava Vijay Krupakaran, Anoop Ghanwani
draft-kvk-trill-fair-share-af-load-share-02.txt
  
  – 6 min. Wrap-Up, Chairs
Document Status

TRILL Specific RFCs

• RFC 5556, “TRILL: Problem and Applicability Statement”
• RFC 6325, “RBRidges: Base Protocol Specification”
• RFC 6326, “TRILL Use of IS-IS”
• RFC 6327, “RBRidges: Adjacency”
• RFC 6361, “PPP TRILL Protocol Control Protocol”
• RFC 6439, “RBRidges: Appointed Forwarders”
Document Status

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

• In IESG Consideration
  – draft-ietf-trill-rbridge-mib-09.txt

• In/Past WG Last Call
  – draft-ietf-trill-directory-framework-01.txt
  – draft-ietf-trill-oam-req-02.txt
Other TRILL WG Drafts
  – draft-ietf-trill-cmt-00.txt
  – draft-ietf-trill-esadi-01.txt
  – draft-ietf-trill-fine-labeling-02.txt
  – draft-ietf-trill-rbridge-options-07.txt
  – draft-ietf-trill-rbridge-vlan-mapping-07.txt

• In call for adoption as a TRILL WG Draft
  – draft-salam-trill-oam-framework-03.txt

Please read the drafts!
Document Status

TRILL Related WG Drafts in Other WG

– draft-ietf-isis-rfc6326bis-00.txt
– draft-ietf-l2vpn-trill-evpn-00.txt

Please read the drafts!
Further discussion has been requested of whether this should be a TRILL WG draft and whether it conflicts with any work in the TRILL WG.
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
  – Mar 2011 Submit TRILL Header Extensions to IESG for publication as Proposed Standard
Milestones (cont.)

• Current Milestones
  – 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-04.txt
  – Jul 2011  Submit RBridge OAM to IESG for publication as Proposed Standard
  – Jul 2012  Re-charter or shut down the WG
**Milestones Updates**

- As posted to the TRILL WG list:

<table>
<thead>
<tr>
<th>Current</th>
<th>Proposed</th>
<th>Milestone</th>
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<tbody>
<tr>
<td>Mar-11</td>
<td>Done</td>
<td>Submit TRILL Header Options to IESG draft-ietf-trill-rbridge-extension</td>
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<tr>
<td>Mar-11</td>
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<td>Initial WG draft on RBridge OAM draft-bond-trill-rbridge-oam</td>
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<td>Mar-11</td>
<td>Mar-13</td>
<td>Initial WG draft on ARP/ND optimizations draft-dunbar-trill-scheme-for-directory-assist</td>
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<tr>
<td>Jun-11</td>
<td>Jul-13</td>
<td>Submit RBridge support of DCB to IESG draft-eastlake-trill-rbridge-dcb</td>
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<td>Jul-12</td>
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<td>Submit OAM to IESG</td>
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<td>Nov-12</td>
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<td>Submit OAM Requirements to IESG</td>
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<tr>
<td>Nov-12</td>
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<td>Initial WG draft on OAM Framework</td>
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<tr>
<td>Jan-13</td>
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<td>Submit OAM Framework to IESG</td>
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<td>Jan-13</td>
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<td>Initial WG draft on Fault Management</td>
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<tr>
<td>Apr-13</td>
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<td>Initial WG draft on Performance Management</td>
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<tr>
<td>Jul-12</td>
<td>Dec-14</td>
<td>Re-charter or shut down the WG</td>
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TRILL Charter

• Two Charter items have not had any work:
  – (5) Publish an implementation report for TRILL.
  – (6) Analyze use of IS-IS security in TRILL and determine if any work is needed to accommodate the specific application of IS-IS security in TRILL forwarding.

• Volunteers to work on the above are solicited.

• A call for suggested Charter updates has been posted to the WG mailing list.