

Comment Resolution: Section F

Comment 134 (Technical, Non-Binding)

“Would be nice to have a more efficient solution for bridging on RPR.”

Resolution:

Group request the Chair to charter an Ad-Hoc for the purpose of exploring a more efficient solution for Bridging on RPR.

Topics include:

- Interactions with Spatial Re-Use with 802.1D/Q Bridging compliance.
- Efficiency improvements without losing basic compliance.
- Bridging interactions with Ringlet Selection, Protection, and Flooding.

Motion

Request the Chair to charter an Ad-Hoc for the purpose of exploring a more efficient solution for Bridging on RPR.

Topics include:

- Interactions with Spatial Re-Use with 802.1D/Q Bridging compliance.
- Efficiency improvements without losing basic compliance.
- Bridging interactions with Ringlet Selection, Protection, and Flooding.

Initial Ad-Hoc Meeting Summary

Work Partitioning (not in priority order)

1. Establish Bridging Ad-Hoc mailing list
 - Co-ordinate activities
 - Share proposals, and review ideas
 - etc
2. Establish liaison with 802.1 group
 - Assign 802.17 liaison prime within group
3. Perform problem analysis on existing Bridging proposal (I.e., Annex F of RPR Draft v0.1)
 - Obtain/Request list of comments/issues from 802.1
 - Collaborate with 802.1 to ensure their understanding of 802.17 capabilities and our understanding of 802.1D/Q converge
 - Address list of issues (provided by 802.1 group and 802.17 WG) that may prevent 802.1D/Q compliance
 - Focus on 802.1D compliance solution hardening first, followed by 802.1Q compliance issues
 - Ensure RPR Draft is self consistent with contents of Bridging Compliance specification

Initial Ad-Hoc Meeting Summary

Work Partitioning (not in priority order)

4. Investigate solutions required to address Bridging and BW Efficiency (e.g., Spatial Re-use) requirements
 - 802.1D/Q compliance needs to be adhered to
 - Multiple proposals may be internally generated
 - Group will review and merge proposals prior to release to the 802.17 WG at large
 - Objective will be for the Bridging Ad-Hoc group to present one proposal (or at least a minimal set of proposals) to the 802.17 WG for direction

Next Steps

- Assign 802.17 liaison to 802.1
- Identify 802.1 primary point of contact (I.e., liaison from 802.1)
- Establish mailing list
- Have first conference call next week
- Liaison will obtain list of issues/comments from 802.1
- Individuals within the team will sign up to move Item #3 and/or Item #4 forward
 - Deliverables for Work Item #3 is to refine/amend text of Annex F contained in the current Bridging section of RPR Draft v0.1. In addition, update other sections of the RPR Draft v0.1 to ensure the Draft is self consistent
 - Deliverable for Work Item #4 is drafting proposals and sharing with the Ad-Hoc group for review, discussion, and refinement

Initial Proposed Mode of Operation

- Internal process within the group will be further refined and advertised
- Mailing list will be used to communicate issues, findings, ideas, etc.
- Period (perhaps weekly) conference calls will be set up
- Collaborate with 802.1 (via liaisons)
- Work Item #3 problem analysis and subsequent solution hardening needs to be completed prior to the May2002 meeting
- All proposals/findings should be made available to the Ad-hoc group 2 weeks prior to next meeting (May2002).
 - Proposals will be internally reviewed
- Reviewed proposals (hopefully one) will be presented to 802.1 WG during May meeting

Ad-Hoc Member List

- Marc Holness
- Spencer Dawkins
- Li Mo
- Italo Busi
- Necdet Uzun
- Nader Vijeh
- Constantinos Bassias
- Hui Zhang
- John Coulter
- Yongbum Kim
- Jai P. Agrawal
- Pankay K Jha
- Vinay Bannai
- Chris Garner
- Peter Jones
- Robert Castellano
- Jim Kao
- Wai-Chau Wui

Contact Marc Holness (holness@nortelnetworks.com) if you would like to be added to the group.