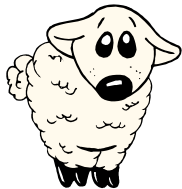


Bridging Ad-Hoc (BAH) Overview

July 2002

Marc Holness (Bridging Technical Editor)
Robert Castellano (Bridging Sectional Editor)



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

BAH “Pillars”

1. Frame structure

- Identification of BAH requirement on frame structure
- Evaluation criteria to assess frame structure
- Frame structure options that can satisfy additional Bah requirements

2. Flooding techniques

- Analysis of various RPR flooding techniques
- Analysis of packet misordering, duplication, and loss during various exception scenarios
- Compliance to 802.1D/Q

3. Bridging and 802.1D/Q compliance

- Extension of currently specified Bridging proposal to address 802.1D/Q non-conformances

4. Bridging with spatial reuse 802.1D/Q compliance

- Bridging proposal that provides 802.1D/Q compliant bridging with spatial reuse
- Coexistence of this bridging technique with basic bridging compliance

BAH Sub-Teams

Sub teams formed to align with 4 BAH Pillars

1. Frame structure

- Marc Holness, William Dai, Robert Castellano, Vinay Bannai

2. Flooding techniques

- Li Mo, Anoop Ghanwani, Jim Kao, Vinnay Bannai, David James

3. Bridging and 802.1D/Q compliance

4. Bridging with spatial reuse 802.1D/Q compliance

- Robert Castellano, Willaim Dai, Li Mo, John Coulter

BAH Results

1. Bridging compliance strategy defined
 - Recommendation will be made to 802.17 WG
 - Draft text supporting recommendation available
2. Flooding analysis and packet duplication/loss/misorder refined
 - Recommendation will be made to 802.17 WG
 - Draft text supporting recommendation available
3. BAH framing requirements and frame options defined
 - Recommendation will be made to 802.17 WG
 - Draft text supporting recommendation available
4. Presentation of findings, observations, and recommendations will be made on each BAH Pillar to the 802.17 WG

BAH Member List

- Anoop Ghanwani
- Chris Garner
- Constanitinos Bassias
- Daniel Zhu
- David James
- Fredrik Olsson
- Gal Mor
- Gary Turner
- Hui Zhang
- Italo Busi
- Jai P Agrawal
- Jim Kao
- Joerg Ottensmeyer
- John Coulter
- Khaled Amer
- Li Mo
- Marc Holness
- Mark Borbogna
- Med Belhadj
- Mike Takefman
- Nader Vijeh
- Necdet Uzun
- Offer Pazy
- Pankaj K Jha
- Peter Jones
- Robert Castellano
- Siamack Ayandeh
- Vinay Bannai
- Wai-Chau Hui
- William Dai
- Yongbum Kim