

Edge Virtual Bridging Update

May 19, 2009

802.1 Interim in Pittsburgh

EVB Yahoo Group

<http://tech.groups.yahoo.com/group/evb/>

- Unofficial ad hoc group working to develop concepts and proposals related to Edge Virtual Bridging for consideration by the IEEE 802.1 working group.
- Membership
 - 100+ members have joined Yahoo group
 - Affiliated with 20+ companies (including server, switch, NIC, hypervisor & OS companies)
- Weekly Conference Calls
 - Tuesdays 1PM Central
 - Since February 20th 2009
 - 25-30 Attendees Weekly

No Consensus... Yet

- Consensus:
 - On most of the problem statement, but some key differences remain.
 - That some environments require local, embedded bridging (referred to as VEB)
 - That work on VEB management is needed (may not be appropriate for IEEE standardization).
 - That an externally-assisted bridging mode is needed.
- No Consensus:
 - Externally-assisted bridging approach: VN-Tag or VEPA (Two seminars held that highlight the key differences).
 - Specifics on VEB management (port profile is being discussed).

EVB-related Seminars

- VN-Tag 101
 - Presented by Joe Pelissier
 - Two 3-hour sessions held on May 5th
 - Slides posted on EVB group page
- Edge Virtual Bridging with VEB & VEPA
 - Presented by Chuck Hudson & Paul Congdon
 - Two 3-hour sessions held on May 14th
 - Slides posted on EVB group page

Two Short Presentations to Follow...

- Summarizing contents of Seminar material
- To highlight the differences that still need to be addressed