
IEEE 802.1 Residential Bridges Task Group

January 10-11, 2006
Sacramento, CA, USA

Agenda (Jan 10, PM)

- Administrative & organizational
 - Recording secretary, patent policy, procedures, intros
 - Coordinating with other 802.1 efforts this week
 - Standards development schedule
- Time synchronization
 - 1588 Status - John Eidson
 - Time-of-day timer synchronization - David James
 - Comparison of Synchronization Protocol Aspects Currently Discussed for ResB with IEEE 1588 - Geoff Garner
 - Discussion: Compatibility between layer 2 and higher layer time synch protocols
 - (how much of existing 1588 is required and/or desirable at layer 2, how do 802 ResB requirements mesh with 1588, etc.)

Agenda (Jan 11)

- PARs/etc.
 - Rename group to “AV Bridges”?
 - Timing Synchronization
 - SRP
 - ResE Recommended Practice
 - Bridge operation
- Technical
 - GARP Stream Reservation Protocol - Felix Feng
 - (possible) Worst-case Ethernet Network Latency for Shaped Sources - ??? for Max Azarov
 - Summary of Bridge Operation - Michael Johas Teener
 - Methods for “Defended Network” - Michael Johas Teener
 - Needed discussions:
 - Addressing/tagging for streams (multicast + PCP 4&5?)
 - Addressing/packet format for time synch

Name beauty contest

- “AV Bridging TG” 14
- “Residential AV Bridging TG” 3
- “Residential Bridges TG” 5

Schedule for standards development (part 1)

- Basic request: fast as can be done ...
 - Minimize deployment of non-standard devices
- Time synch
 - PAR March 06
 - First draft Summer 06
 - Vote Fall 06
- SRP
 - PAR Summer 06
 - First draft Summer 06
 - Vote Fall 06

Schedule for standards development (part 2)

- Forwarding rules/queue operation
 - PAR Summer 06
 - First draft .1D/1Q rev Fall 06
 - Vote Spring 07
- Ethernet AV Architecture (recommended practice for 802.3 LANs with AV bridging)
 - PAR Summer 06
 - First draft Spring 06
 - Vote Spring 07