
Residential Ethernet Study Group Closing Report

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(*BTW, the last name is “Johas Teener”)

Progress for this period

- Continuous interactions within SG:
 - 262 subscribers to reflector
 - Weekly conference calls with 1-3 papers/presentations per call
- Presentations this week
 - Possible PAR/5C for 3 projects
 - Timing Synchronization
 - Simple Reservation Protocol
 - ResE Recommended Practice
 - 3 presentations
 - Worst case delay bounds (partial work, status report)
 - Timing synchronization simulations and measurements for several approaches
 - Discussions on integration with 802.1 and possible changes needed to 802.3

Future Plans

- Organize work within 802.1
 - Continue effort to use existing 802.1 facilities
 - Frame forwarding for streams
 - Traffic class use, queuing, filtering, stream addressing
 - Interaction with SRP
 - QoS Admission Control system
 - SRP
 - “Defended network”
 - DTE/network boundary traffic shaping
 - **Work will be done within new 802.1 task group**
- Increase coordination with 1588
 - Attempt to get all protocol specification with 1588
 - 802 spec will be pointer to a 1588 profile
 - Possible that 802 will need to define bridge behavior
- Continue technical work
 - Simulations for both data QoS and timing-synchronization quality

Motion

- No motions
- ResE SG work has moved to 802.1
- Possible future work for 802.3
 - MAC services definition for time-of-RX and time-of-TX
 - an event that is passed back to higher layers
 - Only request is that measurement point is consistent for all frames on a particular PHY with specified uncertainty (say, 40ns at 100base-T MII)
 - Well known way to ensure that an unmanaged bridge is not on the other end of the wire
 - May require extra autoconfig work for “base-T” PHYs
 - Open to any ideas
 - Invite informal discussions over the next few months

Future Meetings

- Weekly conference call
 - Probably on Wednesdays, but watch 802.1 reflector for announcements
- Following 802.1 meeting schedule
 - Interims for 802.1 may divide into separate times/locations for different TGs (as was done in September)

Reflector and Web

- ResE reflector is going to be discontinued next week, all work to move to 802.1 exploder
 - Watch for announcement
 - All subscribers will need to move themselves
- Residential Ethernet Study Group web page URL will be continued for existing files:
 - http://www.ieee802.org/3/re_study/
 - Future work will be on 802.1 site (watch for announcement)

Thanks!

(we will stay in contact!)