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 "Residential Bridging TG"**
    - Michael Johas Teener is chair
- 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!)