



802.1Qau: Simulation Ad Hoc Report

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CN-SIM Ad-Hoc: Overview

- Meetings:
 - 8 meetings held : 6 with presentations, 2 with discussions
- Participation:
 - 10+ members actively participated in the calls
 - Representing 7+ companies

Thank you all for great team work!

Presentations

- Prof. Balaji Prabhakar:
 - <http://www.ieee802.org/1/files/public/docs2007/au-prabhakar-qcn-with-timer-0711.pdf>
- Rong Pan:
 - <http://www.ieee802.org/1/files/public/docs2007/au-sim-rong-qcn-hai-simu1-0711.pdf>
 - <http://www.ieee802.org/1/files/public/docs2007/au-rong-qcn-serial-hai-psuedo-code-0711.txt>
 - <http://www.ieee802.org/1/files/public/docs2007/au-rong-qcn-serial-hai-pseudo-code-0711.pdf>
 - <http://www.ieee802.org/1/files/public/docs2008/au-rong-qcn-serial-hai-pseudo-code%20rev2.0.pdf>
 - <http://www.ieee802.org/1/files/public/docs2008/au-sim-rong-qcn-hai-0108.pdf>
 - <http://www.ieee802.org/1/files/public/docs2008/au-sim-rong-qcn-hai-updatesimu-0108-1.pdf>

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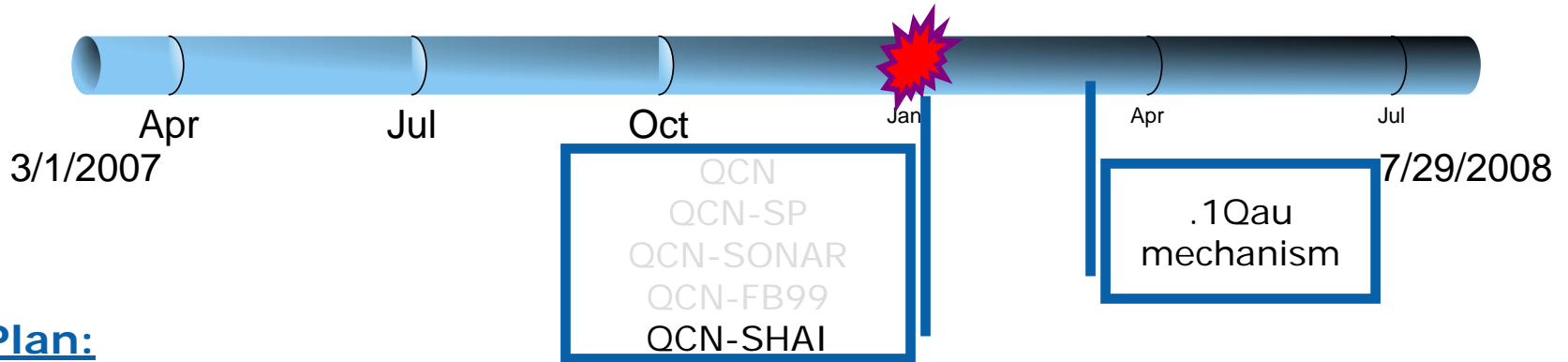
General Takeaways

- Discussion on QCN Pseudo-code and early benchmark results
 - QCN-Serial HAI – new proposal by Prof. Balaji
 - QCN-SHAI psuedo-code presented and maintained by Rong Pan
 - Early benchmark results presented by Rong and Abdul Kabbani
- More work needed still on:
 - Simulation of QCN-SHAI with all benchmarks
 - Early results demonstrate stability/responsiveness trade-offs
 - Reflect fixes back to Pseudo-code

Where are we

- Protocol Specification:
 - QCN-SHAI Pseudo code released
- Benchmark data:
 - In general more data required for TCP workload
 - QCN-SHAI has benchmark data for : baseline, #1 and #3
 - Work for remaining benchmark in progress

Where are we?



Plan:

- By end of Jan Interim meeting: Decide on: Is this “good enough” simulation data by to provide guidance to group/editor?
- Start discussing any other potential case we may have missed?
 - Shared rate limiter
 - Teamed ports
 - Any other?