Update on
draft-ietf-tcpm-alternativebackoff-ecn-01

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Changes since -00

- Text improved, mainly incorporating comments from Stuart Cheshire
- The reference to a technical report has been updated to a published version of the tests
  
  N. Khademi et al., "Alternative Backoff: Achieving Low Latency and High Throughput with ECN and AQM", IFIP NETWORKING 2017 (Best Paper Award).

- Used "AQM Mechanism" throughout
- Clarification on the intended purpose of the experiments required by EXP status

  *No changes to the technical content*
Implementation

• Early FreeBSD Implementation by Grenville Armitage:
  • http://heim.ifi.uio.no/~naeemk/research/ABE/diff-0d38090e881d-newrenoVB-7jan15.txt

• Brought up to date by Tom Jones (last week)

• Submitted to FreeBSD upstream:
  • https://bugs.freebsd.org/bugzilla/show_bug.cgi?id=220677

• Patches for Linux are available
Next steps

- We won’t add SCTP ABE support to this draft, but rather provide general guidance to say this method RECOMMENDS this to be a part of a design for any transport protocol that implements a window-based reduction to ECN marked congestion.

- We therefore leave detailing of the methods for SCTP to any future draft that specifies ECN.