TCPM WG Meeting

IETF 62 - March 2005

Minneapolis, MN

Chairs: Ted Faber (ISI), Mark Allman (ICIR)

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Takin' Care of Business

- Blue sheets

- We're being audio-cast, use the mic

- Note taker?

Agenda

- intro/status/agenda bashing - 10 minutes - chairs
- soft errors - 10-15 min - Savola
- ICMP attacks - 10-15 min - Savola
- antispoof - 10 min - Touch
- tcpsecure - 10-15 min - Dalal
- NCR - 10-15 min - Allman
- TCP Roadmap - 5-10 min - chairs (authors not available)
- Call for magic ICMP packets - 5 min - Touch & Kohler

Status

- Awaiting publication:
  - ▶ F-RTO in the RFC Editor queue

- Nearly done:
  - ▶ Roadmap to be quickly rev-ed and WG last called

Status (cont.)

- *Needs* review and feedback:
  - ▸ Antispoof
  - ▸ DCR/NCR
  - ▸ tcpsecure

  - ▸ UTO to become a WG item, please read:
    `draft-eggert-gont-tcpm-tcp-uto-option-01.txt`

- Possible WG items
  - ▸ soft errors ?
  - ▸ ICMP attacks ?
    - ▪ maybe in tsvwg

Status (cont.)

- What else?

RFC 2581 Revision

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- Changes are all modest and conservative.

- Correct a pile of small-ish bugs that various folks have identified over the years.

- Including small changes that are standards track: larger initial window (RFC3390) and Limited Transmit (RFC3042)

RFC 2581 Revision (cont.)

- Including security aspects of ABC (RFC XXXX) during slow start

  ▶ I.e., that connections should increase by min (BytesAcked,SMSS) during slow start

  ▶ Not including the more aggressive form of ABC

- During congestion avoidance recommend using byte counting.

- To post a draft soon after IETF.

- Feedback / suggestions to the list and/or to Mark in the bar.