TCP Maintenance and Minor Extensions (TCPM) WG

IETF 75, Stockholm
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David Borman, Wes Eddy: Co-chairs
Contacts & Mailing list

• WG Chairs:
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• Mailing list: tcpm@ietf.org

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Administrivia

• Note-Well
• Agenda Bashing
• Scribes & Blue sheets
  – Minute Scribe
  – Jabber Scribe
• WG Status
  – Charter milestones updated
  – Wiki / Issue tracker available on the IETF tools page
  – Handling TCP RFC Errata - one request so far, more to come
Document Status

- 2581bis – With IESG, minor update needed then ready for publication.
- F-RTO - In RFC-Editor queue, blocking on 2581bis ref
- ECN-SYN – Published as RFC 5562
- tcpsecure – Finished IETF Last call, waiting on final revision from the authors
Document Status (cont.)

- ICMP Attacks – Revise, and then WGLC?
- Early Retransmit – WGLC, but still need additional reviews
- 1323bis – Resolve one issue from Alexander Zimmerman on PAWS vs ACK reordering
- Auth Option - Ready for WGLC?
- MSS - new draft available; ready for WGLC?
WG Charter - DONE

- June 2009 ECN-SYN published as Proposed Standard
  - RFC 5562

- Mar 2009 revision of RFC 2581 as Draft
  - Waiting on final draft

- Mar 2009 In-Window Attack as Proposed (tcpsecure)
  - Waiting on final draft
WG Charter – To Do

• Apr 2009 TCP AO as Proposed
• Jul 2009 ICMP Attack as Informational
• Jul 2009 TCP Early-Retransmit as Experimental
• Jul 2009 Update 1323.bis as Proposed
• Jul 2009 Submit MSS text revision from 1323.bis appendix as Proposed
Presentations – WG items

• Joe Touch (20 minutes)
  – “The TCP Authentication Option”
    • draft-ietf-tcpm-tcp-auth-opt-05.txt

• Gregory Lebovitz (10 minutes)
  – “Cryptographic Algorithms, Use, & Implementation Requirements for TCP Authentication Option”
    • draft-lebovitz-ietf-tcpm-tcp-ao-crypto-02.txt

• WG Chairs (15 minutes)
  – “Security Assessment of the Transmission Control Protocol (TCP)”
    • draft-gont-tcp-security-00.txt
Presentations – non WG items

• Alexander Zimmermann (15 minutes)
  – "Make TCP more Robust to Long Connectivity Disruptions"
    • draft-zimmermann-tcp-lcd-01.txt

• Jerry Chu (10 minutes)
  – “Lowering the Initial RTO”
    • http://www.ietf.org/mail-archive/web/tcpm/current/msg04707.html

• Ilpo Jarvinen (10 minutes)
  – "Using TCP Selective Acknowledgement (SACK) Information to Determine Duplicate Acknowledgements for Loss Recovery Initiation”
    • http://www.cs.helsinki.fi/group/wiseciti/I-Ds/draft-jarvinen-tcpm-sack-recovery-entry-01a.txt
WIND RIVER