TCP Maintenance and Minor Extensions (TCPM) WG

IETF 75, Stockholm

July 27, 2009

David Borman, Wes Eddy: Co-chairs

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Contacts & Mailing list

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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**

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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**

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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?

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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

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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**

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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 Requirments 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

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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

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