

MPTCP – MULTIPATH TCP

WG meeting
31th July 2012

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- Scribes
- Jabber
- Please include “-mptcp-” in your draft names
- Please say your name

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Agenda

- Status Updates – Chairs (10mins)
- Updates for protocol and API doc - Alan Ford (10 mins)
- MPTCP for single-homed end systems - Rolf Winter (20 min)
- MPTCP implementation in FreeBSD - Lawrence Stewart, Nigel Williams (20 min)
- A Vegas-based Approach for MPTCP CC - Mirja Kühlewind(10 min)
- Performance Issues with MPTCP - Ramin Khalili (20 min)

WG Item Status

- MPTCP Application Interface Considerations
(draft-ietf-mptcp-api-05)
 - Status: AD Evaluation
- TCP Extensions for Multipath Operation with Multiple Addresses
(draft-ietf-mptcp-multiaddressed-09)
 - Status: AD Evaluation

IETF Last Call will be initiated soon

New Charter

- The primary goal of the WG is to create a bis version of the protocol document on the Standards track.
- The WG will explore and document results with several of the proposed use cases for MPTCP.
- Prior to publishing a Standards Track specification, the WG will document experimental results and operational experiences to-date.
- The WG will document implementation advice.
- The WG will explore whether an MPTCP-aware middlebox would be useful, where at least one end host is MPTCP-enabled.

New Milestone

- Dec 2012 - Consensus on what high-level changes are needed to the current MPTCP Experimental document in order to progress it on the standards track
- Apr 2013 - Implementation advice (Informational) to IESG
- Aug 2013 - Use-cases and operational experiences (Informational) to IESG
- Dec 2013 - MPTCP-enabled middleboxes (Informational) to IESG
- Dec 2013 - MPTCP standards track protocol to IESG
- Jan 2014 - Re-charter or close

Implementation Status

- Linux
 - Kernel 3.2 based. Lots of cleanups.
 - Please check most recent status at: <http://mptcp.info.ucl.ac.be/>
- FreeBSD
 - We will know soon!
- Others?