MPTCP – MULTIPATH TCP

WG meeting #7
27th July 2011
Quebec, IETF-81

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- Scribes
- Jabber
- Please include "-mptcp-" in your draft names
- Please say your name at the mike
- Slides at

https://datatracker.ietf.org/meeting/81/materials.html

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Agenda

1. Status, admin – Chairs [10 minutes]

2. API update - Michael Scharf [5 mins]

3. Congestion control update - Mark Handley [5 mins]

4. Protocol update & discussion of open issues – Mark Handley [1 hour?]

5. (new draft) Enhancements to Improve the Applicability of Multipath TCP to Wireless Access Networks – Georg Hampel [30 mins]

6. Call for news on Implementations

7. Re-chartering & the future

WG Milestones & Status

- Mar 2010 - Established WG consensus on the Architecture → **Done**

- Aug 2010 - Submit to IESG architectural guidelines and security threat analysis as informational RFC(s) → **Done, RFC6181 & RFC6182**

- Mar 2011 - Submit to IESG basic coupled congestion control as an experimental RFC → **Done, minor IESG comments**

- Mar 2011 - Submit to IESG protocol specification for MPTCP extensions as an experimental RFC → **thanks to Andrew McGregor, Georg Hampel, Stein Gjessing, Sowmini Varadhan & others. Hoping to WG last call now.**

- Mar 2011 - Submit to IESG an extended API for MPTCP as an or part of an experimental or informational RFC → **stable. Will WG last call with Protocol**

- Mar 2011 - Submit to IESG application considerations as an informational RFC → **merged with API doc**

- Mar 2011 - Recharter or close

Implementation Status

- Implementation (Release .06)
  - Linux 64bits (also works on Macbook)
    - http://mptcp.info.ucl.ac.be/ or http://inl.info.ucl.ac.be/mptcp (also version for 32bits)
  - Please download or get your liveCD and experiment!
  - Also available for Nokia N900 & Android Nexus-One

Re-chartering ideas

Discussion last time (roughly) concluded that we pause for experiments & usage:

- Hear about implementations, heuristics, applicability advice & experience

- Hear about investigations on extensions for <insert idea> (mobility, single-homed end system, alternative security...)

- Not do any protocol standards work

Re-charter in ~ 1year when understand better what the needs are & where the energy is