MPTCP – Multipath TCP

WG Meeting

14^h Nov 2016

Seoul, South Korea

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- Note taker
- Jabber
- Please say your name at the mike
- Please include "-mptcp-" in your draft names
- Blue Sheet!

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IETF-97 Agenda

- WG Status Update
- Implementation status/Hackathon report
- WG Items
  - 6824bis updates – Alan Ford

- Individual Drafts
  - Efficient Design for Secure Multipath TCP against Eavesdropper in Initial Handshake - Dong-yong Kim
  - MPTCP Address Advertisement /Load Balancing - Fabien Duchene
  - A proposal for improving MPTCP initialization - Kien Nguyen

- WG discussion (if time permitted)
  - Recharter?
  - Other topics?

WG Status Updates

- draft-ietf-mptcp-experience
  - RFC Editor Queue

- draft-ietf-mptcp-rfc6824bis
  - New version has been submitted (10/28/2016)
  - Will be discussed in the meeting

Implementation Updates

Please let us know if you have news!

Hackathon reports

- Updates from IETF97 Hackathon

Re-chartering

Possible New Work Item: API

– RFC6897 defined an optional, basic application interface for MPTCP-aware applications. There is now more experience of how MPTCP is being used - in particular by the Siri application, but limited take-up by other end hosts. The WG will re-visit this work, with the aim of allowing applications to make better use of MPTCP's capabilities via an enhanced API. The document will be informational, and build on the work in RFC6897 in the light of the implementation and operational experience so far.

Possible New Work Item: Proxy

– Need to clarify several points

  - Use case scenario (one-end, two-end proxy)

  - Impact to current MPTCP semantics/Fallback mechanisms (6824 or 6824bis)

  - Other protocol supports? (e.g. UDP)

  - Avoid overwrap with other efforts (e.g. BANANA)

Possible New Work Item

– Anything else?

- NFS?
- CC?