MPTCP – Multipath TCP

WG Meeting
14th Nov 2017
Singapore

Philip Eardley
Yoshifumi Nishida
• Note taker
• Jabber
• Please say your name at the mike
• Please include “-mptcp-” in your draft names
• Blue Sheet!
Note Well

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IETF-100 Agenda

• Chairs – WG Status, etc
• Considerations for MPTCP operation in 5G – Debashish Purkayastha
• A proactive approach to avoid performance degradation of MPTCP - Jing Zuo
• SOCKS Protocol Version 6 - Vladimir Olteanu (Remote Presentation)
WG Status
Completing bis draft

- Remaining items before WGLC
  - Remove address identifier from MP_PRIO → Done
  - Guideline about MPTCP and TFO interactions → Waiting for proposed texts from authors
  - Fast Close Updates → proposed texts from authors
  - Reason codes for MPTCP reset → Need proposal

- Any missing items?
- Interim meeting?
MPTCP Proxy activity

- Two drafts
  - draft-olteanu-intarea-socks
  - draft-bonaventure-mptcp-converters
    - Aimed at the WG’s charter text as a solution for mptcp proxy
    - Will have adoption discussion in tcpm WG
      - Please provide feedback
Implementation News
MPTCP Linux Kernel v0.93

• Released on Nov. 2nd, including 63 commits

• Stabilization work and catching up with upstream

• Based on Linux Kernel v4.9 LTS
  – Allows using MPTCP with TCP-BBR

• Next Release will be based on v4.14 LTS
  – Focus on aligning the fork with upstream and refactoring to enable upstreaming