

Use Cases and Operational Experience with Multipath TCP

draft-mptcp-experience-04

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Updates

- Added recent research studies on using MPTCP on mobile devices and how to evaluate real traffic:
 - [1] Framework that allows Android applications to study their interaction with MPTCP
 - [2] Analysis of one-month packet-traces: Biggest benefit of MPTCP on mobile devices is the handover across wireless networks

[1] *“Observing Real Smartphone Applications over Multipath TCP”* Q. De Coninck, et. al. IEEE Communications Magazine. March 2016.

[2] *“A First Analysis of Multipath TCP on Smartphones”* Q. De Coninck, et. al. Passive and Active Measurements Conference (PAM2016) , March 2016

Updates

- Finalized the conclusion:
 - None of the published literature identified major issues with MPTCP
 - Some publications suggest enhancements in the heuristics of MPTCP
 - Several industry implementations have been successful and are being deployed and used as of today.