MPTCP
Implementation update

Christoph Paasch <cpaasch@apple.com>
Linux MPTCP v0.94

- New stable Release based on Linux v4.14 LTS
- Aligning MPTCP with upstream kernel
- Total of 72 changes from 6 developers at 5 different companies
- MPTCP upstreaming effort
  - Discussions at https://lists.01.org/mailman/listinfo/mptcp

IETF 101 - Multipath TCP Working Group
MPTCP Hackathon

Leveraging Multipath TCP on iOS11

• Organized by the UCLouvain

• 3-day event with (1 day tutorial, 2 days hacking)

• Goal: Make iOS apps use MPTCP and deploy Linux servers with MPTCP support
MPTCP Hackathon
Leveraging Multipath TCP on iOS11

• Web browser (Brave), Radio station, Netmetr, ProgMP, MultipathTester, Signal-iOS, custom video streaming application,…

• Lessons learned:

  • Apps do create connections that would benefit from MPTCP’s capabilities

  • App and server are often not owned by the same people

  • Apps use third party libraries or higher-layer APIs

• Some of the projects are described and available at https://github.com/multipath-tcp/hackathon_2018