

# MPTCP – Multipath TCP

WG Meeting

14<sup>th</sup> 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

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of [RFC 5378](#) and RFC 8179.

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult RFC 5378 and RFC 8179 for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.

# 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