MOTIVATION 1/2

Mobile device multi-connectivity based on expected 3GPP Rel. 16 ATSSS specification

Residential multi-connectivity based on Hybrid Access

Figure: Initial high level view of non-roaming ATSSS architecture

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Demand

Non end-to-end multi-connectivity architectures like ATSSS and Hybrid Access are present and even deployed. They should cover the whole IP traffic mix in which TCP loses its dominating role because of UDP/QUIC.

Findings

No satisfying solution exists so far, excepting MP-TCP limited to TCP traffic though.

MP-QUIC paradigms disqualify it to support at this point.
SOLUTION: MP-DCCP AND AN IP COMPATIBLE FRAMEWORK


LIFE IS FOR SHARI NG.
THANK YOU

For further discussion:

Catch me during the week
Email me at markus.amend@telekom.de
Join the discussion on the tsvwg mailinglist
Join the presentation on Monday’s tsvwg session

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