

Multipath QUIC side meeting - Intro

Mirja Kühlewind <mirja.kuehlwind@ericsson.com>

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Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

Administrativa

- Note taking: <https://notes.ietf.org/multipath-quic-side-meeting-Oct-2021>
 - Please add you name to the participant list to record your support/interest!
- Slides are on GitHub:
<https://github.com/mirjak/draft-lmbdhk-quic-multipath/tree/master/presentations>
- Questions and mic line:
Type “+q” or “-q” in the chat to enqueue or dequeue

Current active drafts and previous work

Proposed QUIC extension for multipath support

- [draft-deconinck-quic-multipath-07](#)
- [draft-liu-multipath-quic-04](#)
- [draft-huitema-quic-mpath-option-01](#)

Supporting material

- [draft-dawkins-quic-multipath-selection-01](#)

QUIC interim meeting Oct 2020 on multipath QUIC use cases

- <https://datatracker.ietf.org/meeting/interim-2020-quic-02/session/quic>

Goal of this meeting

- Discuss a way forward in the IETF to a multipath extension of QUIC
- In order to run an adoption call in the QUIC working group we need **one** draft that we all would like to move forward
- In this meeting we will discuss differences and similarities of the proposed QUIC extensions
- Discussion should be focused on implications or limitations of any use case requirements

In the meantime...

- The authors of all three existing technical proposals already started working on a new common draft
- Github repo:
<https://github.com/mirjak/draft-lmbdchk-quic-multipath>
- Current working copy in html:
<https://mirjak.github.io/draft-lmbdchk-quic-multipath/draft-lmbdchk-quic-multipath.html>
- Note: Draft submission cut-off is next Monday, Oct 25!

Agenda

1. Welcome (Mirja)
2. Scope and building blocks (Christian)
3. Comparing different proposals (Quentin)
4. Packet Number Space(s) (Christian)
5. Next steps and way forward in the QUIC wg (Mirja)
6. If time permits: Experimental results (Yanmei)