MoQ Update for MOPS

IETF 116, Yokohama

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What are we doing?

The Goal of MoQ is to

  Build protocols

    needed for real-time or near real-time media

      leveraging QUIC for its best advantage

Understanding the Problem
(and each other)

- Use Cases

  - MoQ drew a wide audience with diverse applications in mind

- Terminology

  - We're building a common vocabulary

- Requirements

  - We actually agree on some

- Requirements [Draft](#)

- Scenarios [Draft](#)

Experimentation

- [Web based media pipelines](), Bernard Aboba

- [Warp Demo](), Ali Begen

- [QUICR](), Suhas Nandakumar

- [MoQ Proof of Concept](), Jordi Cezano Ferret

Building (the beginnings of) a Solution

- MoQ started with 3 input proposals (RUSH, Warp and QUICR)

- We built a team to work on a combined "base protocol" [draft](#)

  - Working towards a common baseline for adoption

  - A second "base protocol" [draft](#) was published this month

    - They are not so far apart in the fundamentals

    - We'll be discussing the deltas on Thursday 🍿

Trajectory

- Requirements draft is out for adoption

- We hope to issue a base protocol adoption call "soon" after IETF 116

- Clearly highlight the areas where we are lacking consensus and drive towards it

- The next steps

  - Let's try interop!

    - Can we send media over QUIC?

    - Can one protocol meet > 1 use case?

  - (Probably) More interims -- the group needs high bandwidth at this stage

MoQ Meetings at IETF 116

- Thursday 13:00 in G302

- Friday(!) 12:00 (!) in G303

Do you like taking notes?

Do you like chocolate?

MoQ has ***good*** chocolate for note takers

Questions