

# WG Report - (Use Cases and) Requirements Draft

*Spencer Dawkins and James Gruessing*

## (Use Cases and) Requirements Draft since adoption

- [draft-ietf-moq-requirements-01](#) submitted 10 July 2023
  - [Diffs from -00](#)
  - Boilerplate cleanup
  - Reorder Hybrid Use Cases for readability
  - Update Acknowledgements
- [draft-ietf-moq-requirements-02](#) submitted 29 September
  - [Diffs from -01](#)
  - First **real** update since adoption
  - **First revision focusing on requirements section**
  - Details on following slide
- [PR #115 Nits and Formatting](#) has been merged since -00

## Details on diffs from -01 version

- Promise to update terminology when we know what we agree on
- Integrated Use Case descriptions from scenarios draft (expired)
- Added Handling Scalable Video Codecs section
- Added Application choice for ordering section
- Added Linear ordering using priorities section
- Added Intervals and congestion section
- Added Relay behavior section
- Added High Loss Networks section
- Added Interval between access points section
- Added Media Insertion and Redirection section
- Rewrite Media Encryption section

# Editor Thoughts, as of -02

- The MOQ working group now owns this draft
  - The draft needs to reflect what the working group thinks
  - See [GitHub Activity weekly summary](#) email
  - We'll make more progress if we get things correct as we go 😁
- James and Spencer take issues and comments seriously
  - Please feel free to submit and comment on issues
  - Please feel free to submit and comment on PRs
- We do have work to do
  - Suggested goal - make MOQ systems easier to implement and deploy

# Next Steps: Current Author Focus

Label: "Authors are working on PR text"

- #81 [Use terminology correctly for Relays, Caches, Replication Points, and Media Translators](#)
  - When will we agree on terminology? 😊
- #53 [Intermediates](#)
  - We discussed relay functions A LOT [for the March 2023 interim](#)
  - I don't think that's in any document (yet) - where would this go?
  - *See mapping to deliverables topic later*
  - MOQ is chartered to produce an Architecture draft
  - Expired [draft-nandakumar-moq-arch-00](#) WAS a reasonable start ...

## Next Steps: Priority for Discussion

Label: "We need other issues to be resolved first"

- #104 [Additional use case - "peer to peer, from 1-1 to 1-N, including peers acting as relays"](#)
  - Is this P2P QUIC, or P2P MOQ?
  - Probably should know what relay functionality is first
- #75 [Use of BCP14 language for requirements](#)
  - Our thinking is that "MOQ Requirements" apply to a MOQ system
  - MOQ protocol specifications would have their own requirements

# Next Steps: IETF 118

Label: "Target PR text for IETF 118"

- #34 [One Protocol](#)
  - Is this in the requirements draft, or in MOQT?
- #75 [Use of BCP14 language for requirements](#)
  - Also Priority for Discussion on previous slide

# Mapping topics to documents and deliverables

- Spencer thinks we are doing a great job on WARP components
  - As of this interim - I'm honestly impressed
- Spencer would like to do a great job on MOQT components
  - We could go through the "individual -> WG doc" exercise
  - Maybe we should agree on what we need to say first?
  - Create a \$ARCH MOQ repository, but start with issue tracking
  - Add issues for topics, that would go into a draft
- Spencer thinks we need to say something about
  - A named layering model (see JR comments at this interim)
  - A minimal architecture ([see slide 4](#))
  - A list of relay functionalities ([see slides 9-11](#))
- ***What else do we need to say something about?***