Multiplexing Updates for QUIC
draft-aboba-avtcore-rfc7983bis

AVTCORE WG

IETF 109

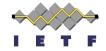Thursday, November 19, 2020

B. Aboba

G. Salgueiro

C. Perkins

Recap: RFC 7983bis

- Update to RFC 7983 Section 7, documenting QUIC multiplexing.
  - Description of multiplexing SRTP, SRTCP, STUN, TURN, DTLS, ZRTP and QUIC
  - Guidance on handling overlap between QUIC and TURN channels (not an issue in WebRTC).
- Update to (D)TLS Content-Type Field IANA page to reference new RFC (no other change needed)
- Caveat:

  - "Since new versions of QUIC are allowed to change aspects of the wire image, there is no guarantee that future versions of QUIC beyond version 1 will adhere to the multiplexing scheme described in this document."
- IETF 108 Ask: Can we adopt RFC 7983bis as an AVTCORE work item?

Call for Adoption Issued...

[AVTCORE] Call for Adoption: Multiplexing Scheme Updates for QUIC

Jonathan Lennox <jonathan.lennox@8x8.com> | Thu, 30 July 2020 14:18 UTC | Show header

(Note this mail is Cc'd to quic@ietf.org <mailto:quic@ietf.org>; please keep discussion on avt@ietf.org <mailto:avt@ietf.org>.)

This is a call for adoption in the AVTCore working group of the document "Multiplexing Scheme Updates for QUIC",
https://tools.ietf.org/html/draft-aboba-avtcore-rfc7983bis-00 <https://tools.ietf.org/html/draft-aboba-avtcore-rfc7983bis-00> ,
as the basis for a working group item, along with an appropriate milestone.

As a summary for those unfamiliar with the document, it updates RFC 7983 to document how QUIC can be demultiplexed from STUN,
DTLS, RTP, and other protocols common in WebRTC and WebRTC-like systems.

If you have opinions on whether this document should be adopted, please respond to the AVTCore mailing list by Friday, August
14th.

Technical comments on the document itself are also always welcome, of course!

Thanks,

Jonathan Lennox
AVTCore co-chair

Conclusion?

- Call for adoption issued on July 30, 2020.
- Call for adoption ended on August 14, 2020.
- 9 responses received, from 6 WG participants.
- Was a conclusion reached?