

Multicast to the Browser

Status Update

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draft-ietf-mboned-dorms
draft-ietf-mboned-cbacc
draft-ietf-mboned-ambi
draft-ietf-mboned-mnat

Outline

- TPAC/W3C Update
- Secdispatch
- Doc Status
- Next Steps

W3C & TPAC

- Multicast Community Group meeting regularly:
<https://github.com/w3c/multicast-cg>
- Web & Networks Interest Group adding Multicast as a use case:
https://github.com/w3c/web-networks/blob/main/meetings/W3C_WNIG_TPAC2021_V1.0.pdf
 - Matches well with sustainability efforts getting started
- Presented to WebTransport WG, requested Multicast as a use case:
<https://github.com/w3c/webtransport/issues/371> (links to presentation)
 - Discussion ongoing

Secdispatch

- Presented yesterday draft-krose-secdispatch-multicast-security:
<https://datatracker.ietf.org/meeting/112/materials/slides-112-secdispatch-multicast-security-privacy-considerations-00.pdf>
- Recommendation: mailing list
- Hopefully will get consensus toward Bof, if decent discussion?
 - Hopefully March or July?
 - Chat feedback suggests a protocol proposal also necessary that satisfies the proposed multicast security model.

Doc Status

- DORMS: minor updates, checked vs. reviews
- Low motion on other docs due to non-mboned work
- MNAT feedback so far was surprisingly positive for its age
 - Any more critical reviews?
 - Not sure what needs touching here, eyeballs requested.
 - DNS-SD is what worries me most

Next Steps

- DORMS last call?
- Cluster for DORMS, CBACC, AMBI
- Security feedback means some likely new docs
 - Probably another TBD group iff sufficient interest can be demonstrated
 - Probably an extension to QUIC and/or WebTransport
 - Probably will build on draft-pardue-quic-http-mcast
 - Experiments beginning now, proposal or 2 to come
 - Will send an invite to msec-or-whatever mailing list, please join.