



EndOfEarlyData

QUIC Interim, New York, September 2018
Martin Thomson

Problems

Can't coalesce it

connection ID has to be the client's random value

coalescing with different connection IDs not allowed

Repairing it is annoying

Agreed Conclusion

Use the connection ID the server gives you as soon as you have it

Remove EndOfEarlyData from TLS

and DTLS

What about load balancers?

The server's choice of connection ID will now be sent in Initial (and 0-RTT) packets

That choice is made with the assumption that it is only included in other packets

We might split the frame types to signal "server chosen" vs. "client chosen" connection IDs if this is important

Proposal: use 5-tuple for routing long header packets, connection ID otherwise