NAT Support for QUIC

draft-duke-quic-natsupp-02
TL;DR

- NATs should treat QUIC like any other UDP packet; if they try to use the Connection ID they’ll break something
Works great until the CIDs change – then it black holes
Server NAT

Routing infrastructure here is 5-tuple based

- 1.2.3.4:19000 CID A
- 1.2.3.4:19001 CID A

Bypasses validation procedures

 Doesn’t work when CID changes (migration)
Document Status

• Currently an individual draft in QUICWG
• Any outcome is fine
  - Incorporate text into QUIC operations draft
  - Reference an expired individual draft in QUIC ops draft
  - Standalone Informational RFC
  - Drop it altogether