QUIC-LB Update

IETF 111
A few open issues
Lots of config choices based on tradeoffs and use cases
Implementations
  ○ F5/NGINX: full LB + Retry Service
  ○ Ant Financial/NGINX: PCID LB + Retry Service
  ○ …?
Paths forward
  ○ Grind through the issues, make executive decisions, be done
  ○ Wait for implementations
  ○ Split
New proposal: Stateless Retry Offload

From Ant Financial:

It’s what it sounds like: share the key, send on behalf of servers that are down

Avoids lengthy client timeouts

Has bigger implications of key compromise

https://github.com/quicwg/load-balancers/issues/119