QUICv2

draft-ietf-quic-v2-01
IETF 113
QUIC v2

Purposes:

- Grease the version field
- Exercise the VN mechanism
- Template for new version drafts
ALPN, again

Does QUICv2 need new ALPNs for HTTP/3 and DoQ?
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Currently: No.

- Compatible negotiation
- v2-only hosts are unlikely
- New ALPNs would complicate some implementations
- ALPN registry might explode
- Easier to deploy and deprecate QUIC versions without changing applications
What about the future?

- Punted the question about incompatible versions
- *draft-duke-httplibs-quic-version-alt-svc-00*
- Any draft with a new QUIC ALPN should explicitly state compatibility with existing QUIC versions in the registry
- Any draft with a new QUIC version should explicitly state compatibility with existing QUIC ALPNs in the registry
- If this becomes unmanageable we can create/extend the QUIC versions registry to include ALPNs