QUIC Version Negotiation

draft-ietf-quic-version-negotiation

IETF 113 – Vienna – 2022-03-22

David Schinazi – dschinazi.ietf@gmail.com
Eric Rescorla – ekr@rtfm.com
A brief history of QUIC Version Negotiation
2013: Google QUIC adds version negotiation and downgrade protection
2016-07: IETF QUIC initially had it too
2018-09: issues found with incremental server deployments Issue#1810
2019-02: removed VN from the base drafts to unblock them via PR#2313
2019-03: published draft-schinazi-quic-version-negotiation-00
2020-02: adopted as draft-ietf-quic-version-negotiation-00
2021-04: QUIC WG interim dedicated to version negotiation
    Consensus to keep compatible and incompatible but try to simplify
2021-05: draft-04 published with simplified design
2021-10: draft-05 published with editorial changes
2022-03: draft-06 published with (mostly) editorial changes
#90: What does "compatible VN" mean

When the server transparently "upgrades" from the client's original version to a different version, that's definitely "compatible VN"

But when the server negotiates the client's original version, is that "compatible VN"?
Next Steps

This draft is close to done

Do we tie timeline to QUICv2 draft?
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