

# QUIC Version Negotiation

[draft-ietf-quic-version-negotiation](#)

IETF 113 – Vienna – 2022-03-22

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# A brief history of QUIC Version Negotiation

2013: GoogleQUIC 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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