

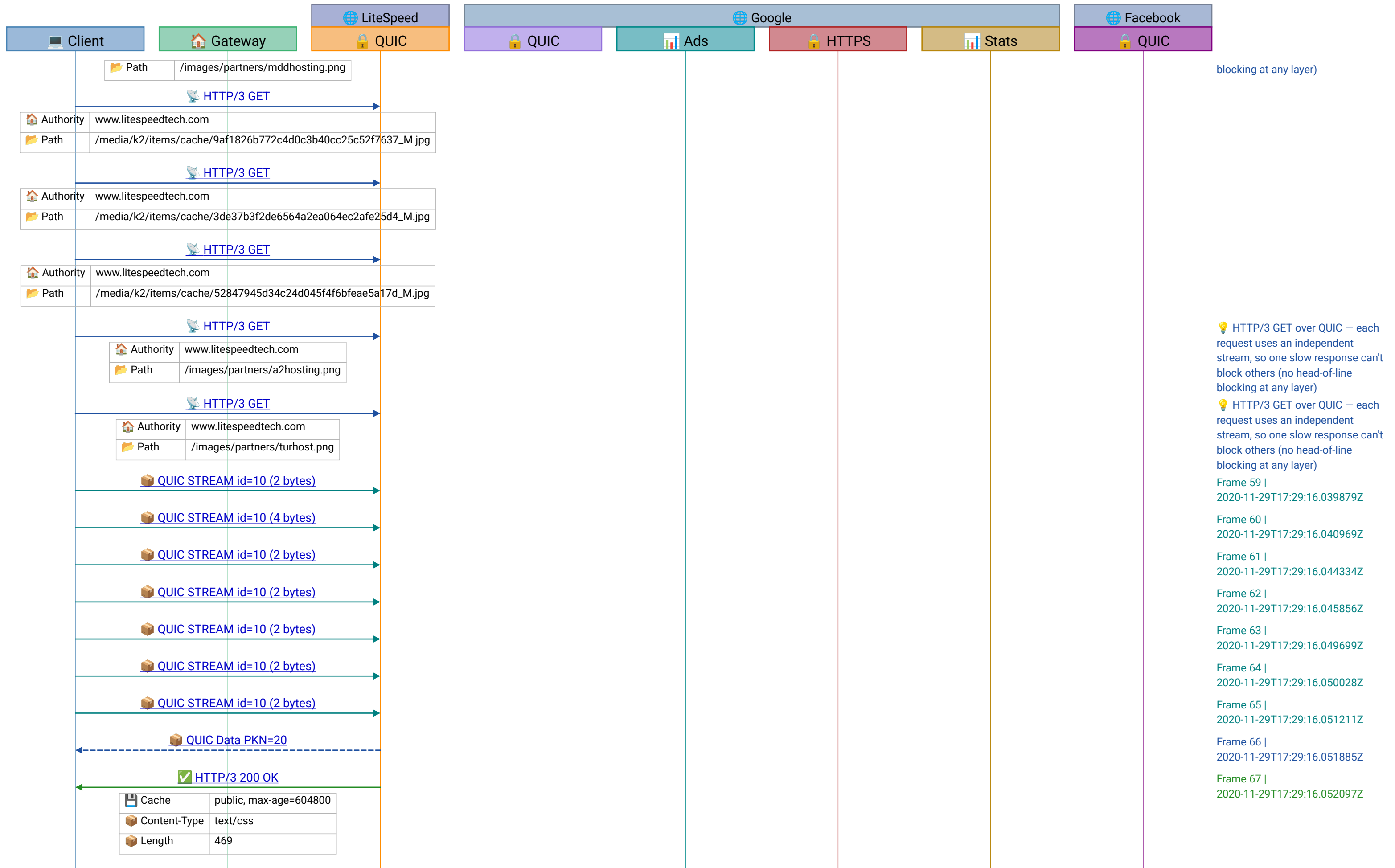
stream, so one slow response can't block others (no head-of-line blocking at any layer)

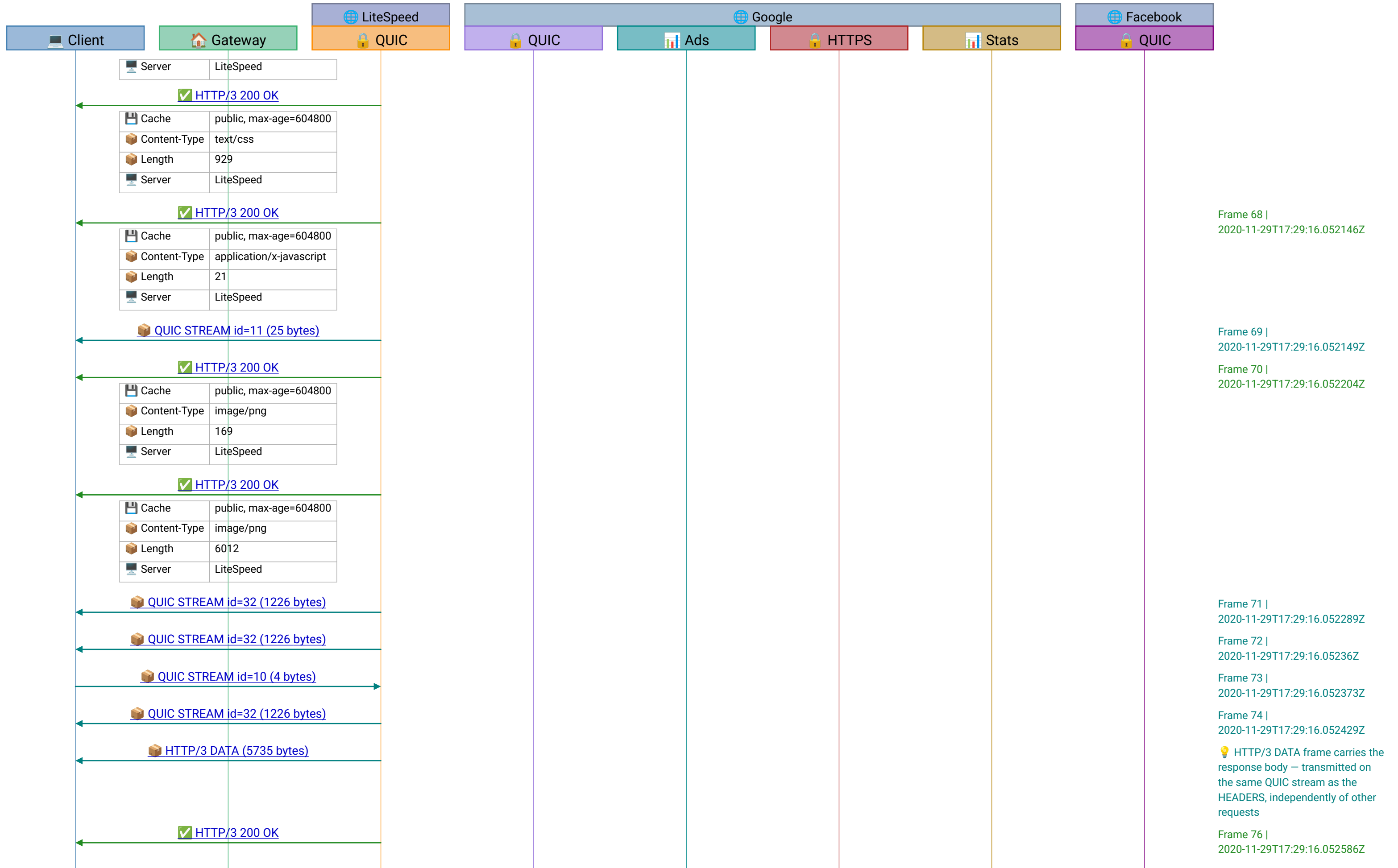
💡 HTTP/3 GET over QUIC – each request uses an independent stream, so one slow response can't block others (no head-of-line blocking at any layer)

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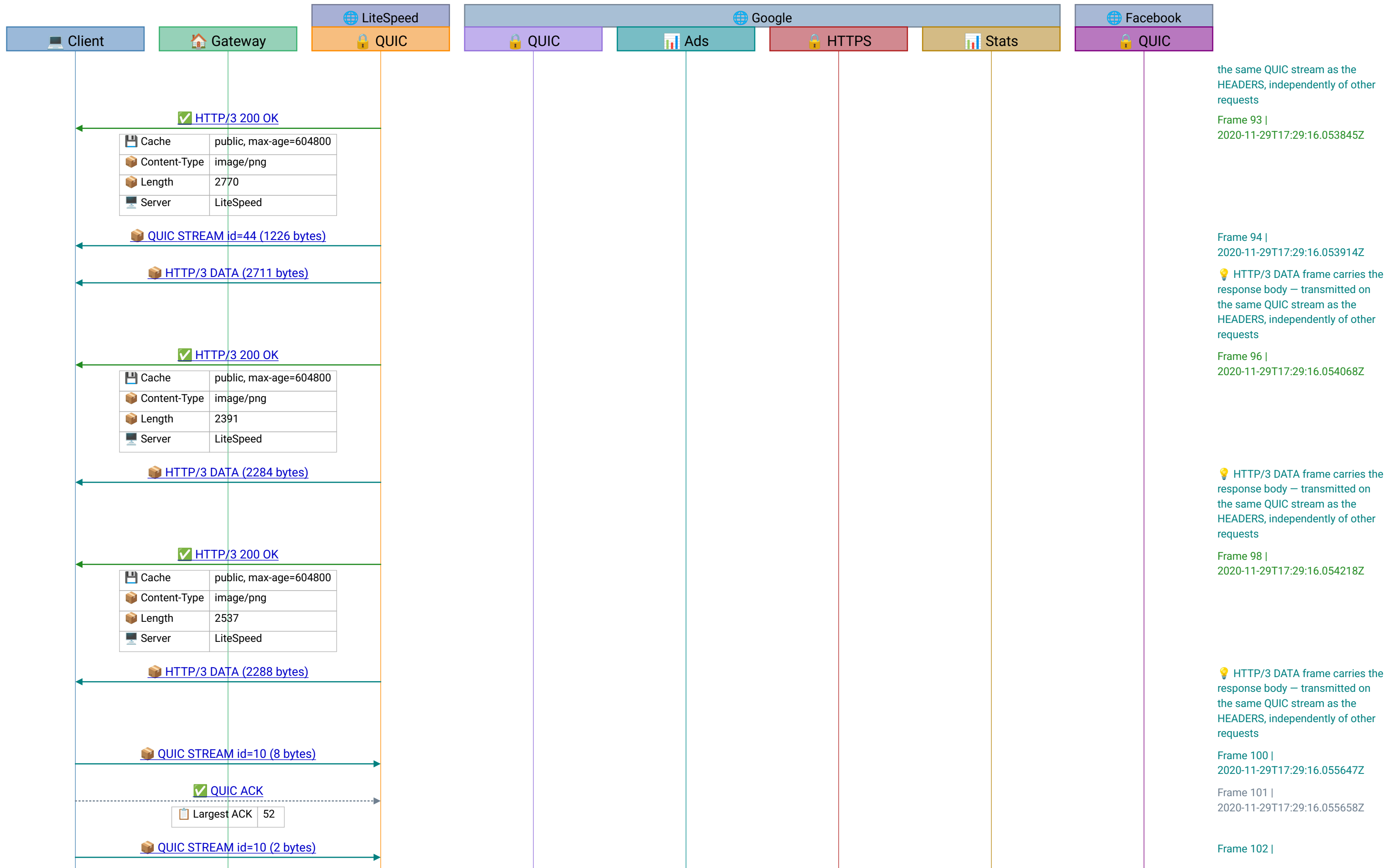
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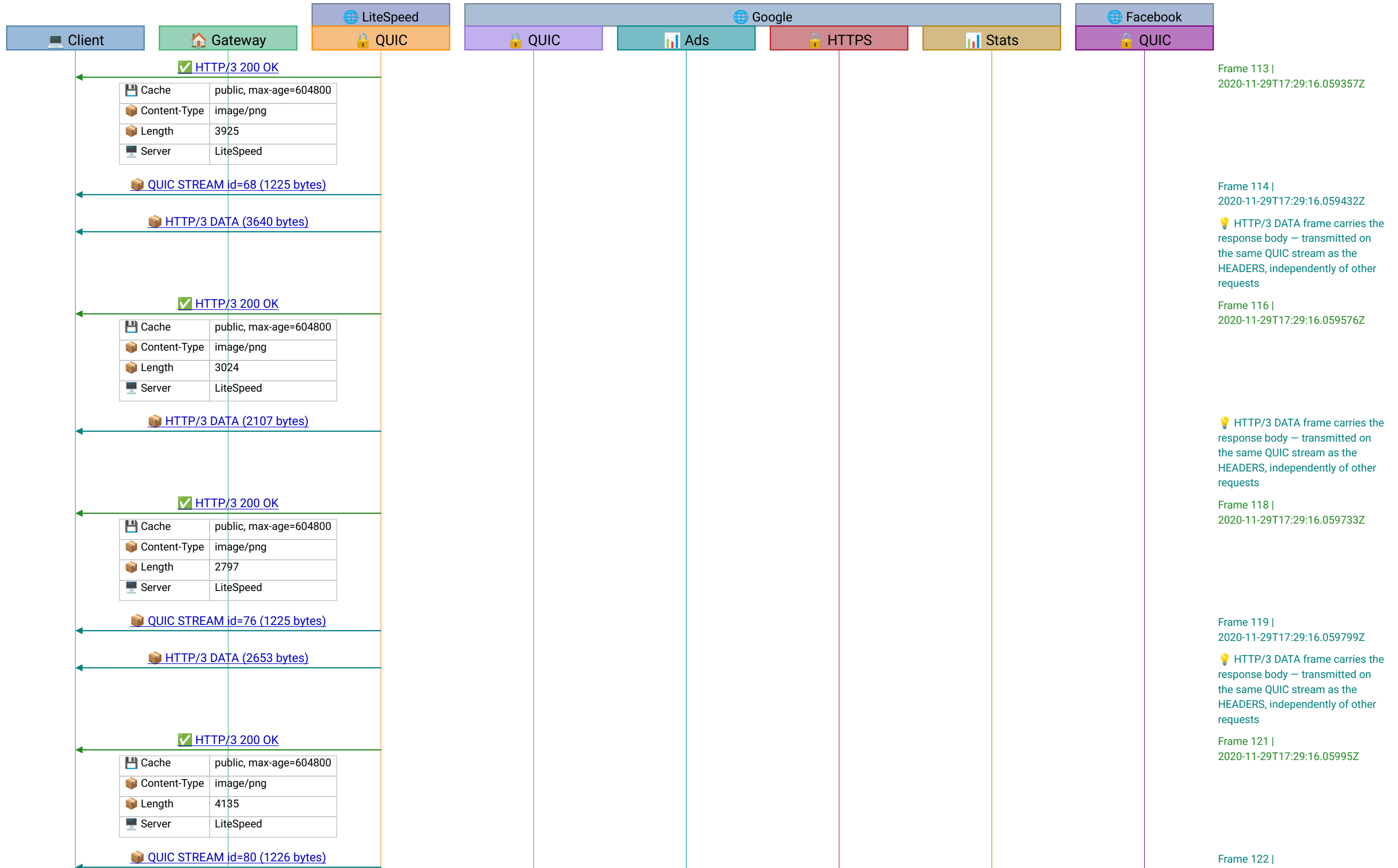
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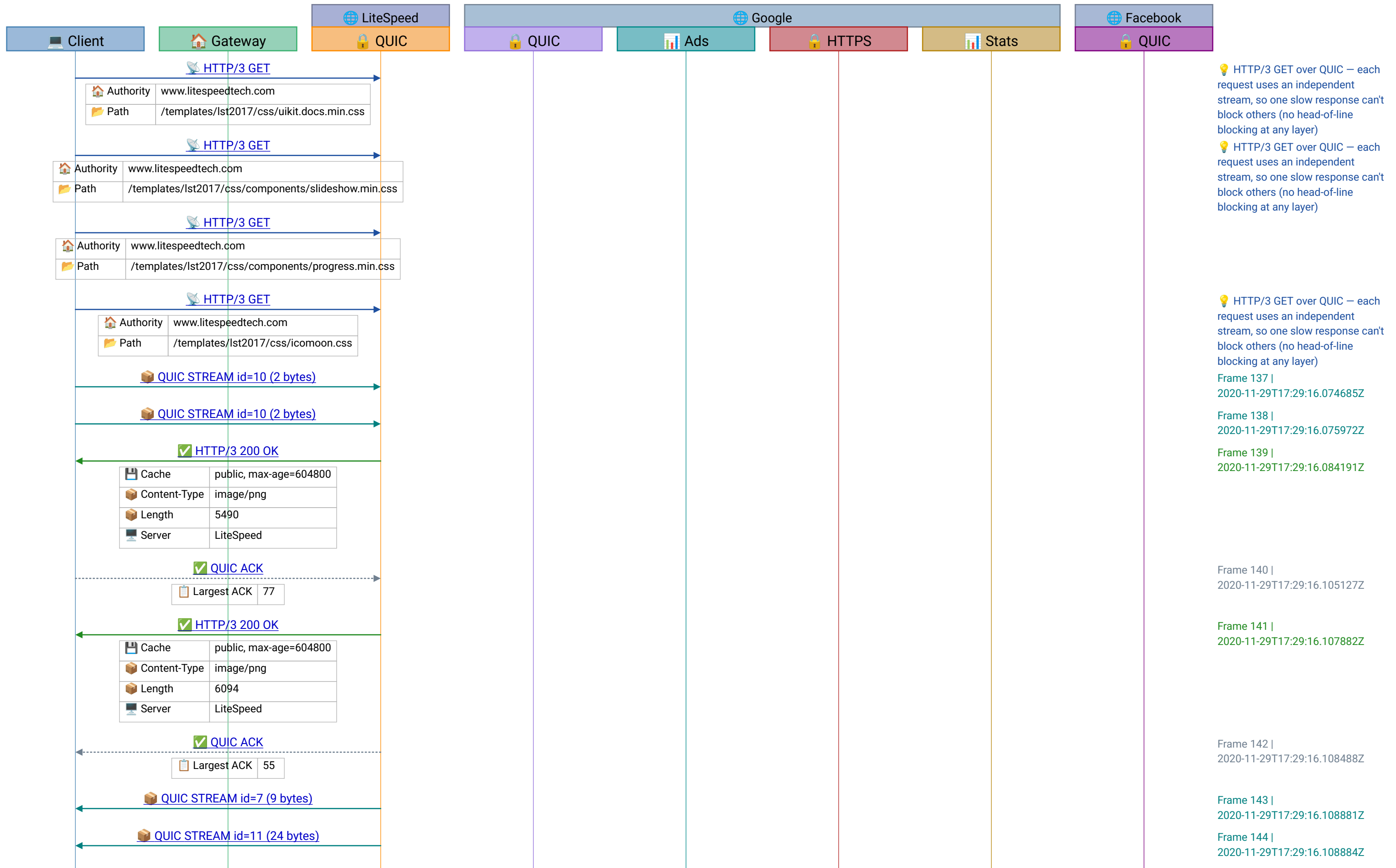


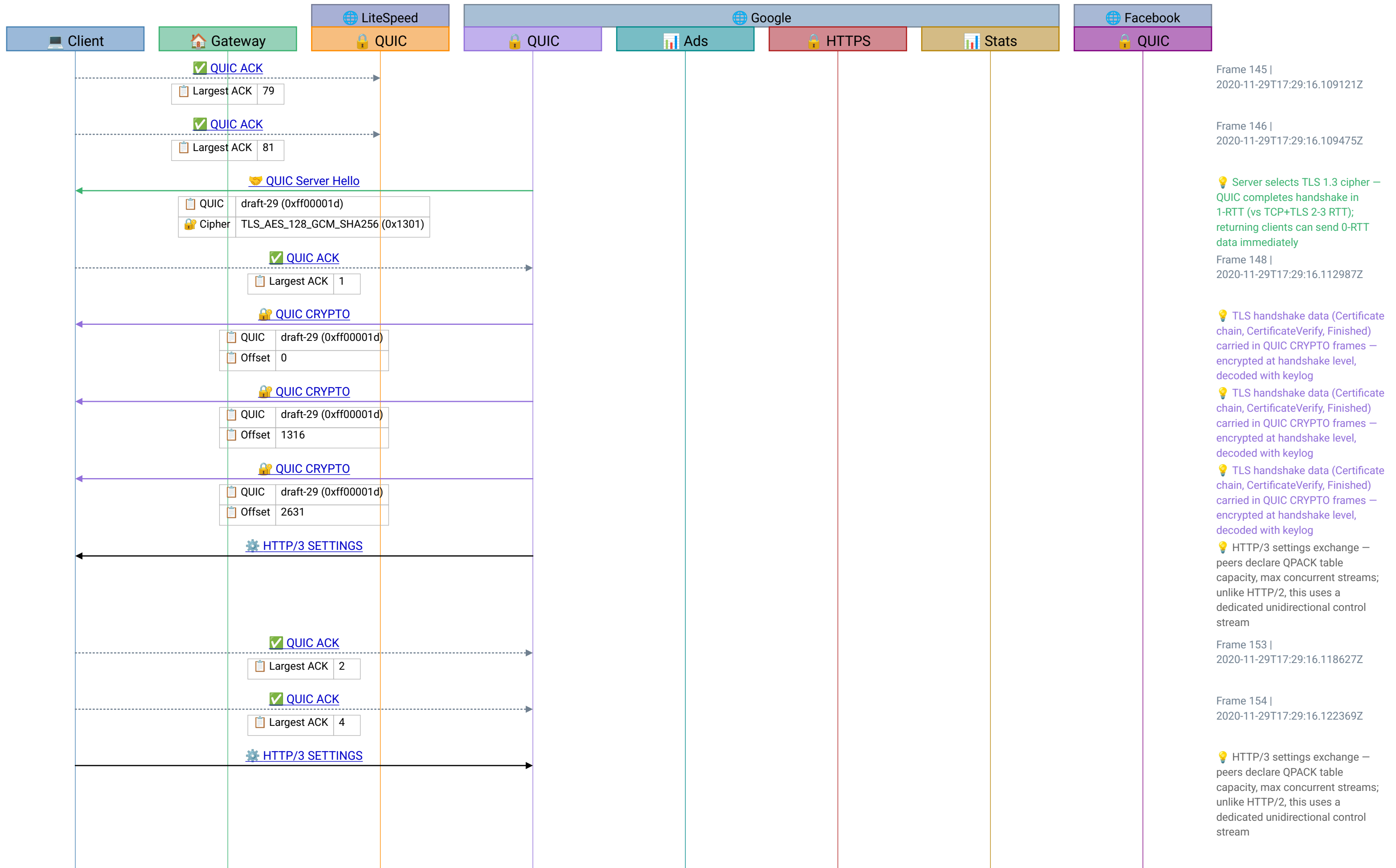


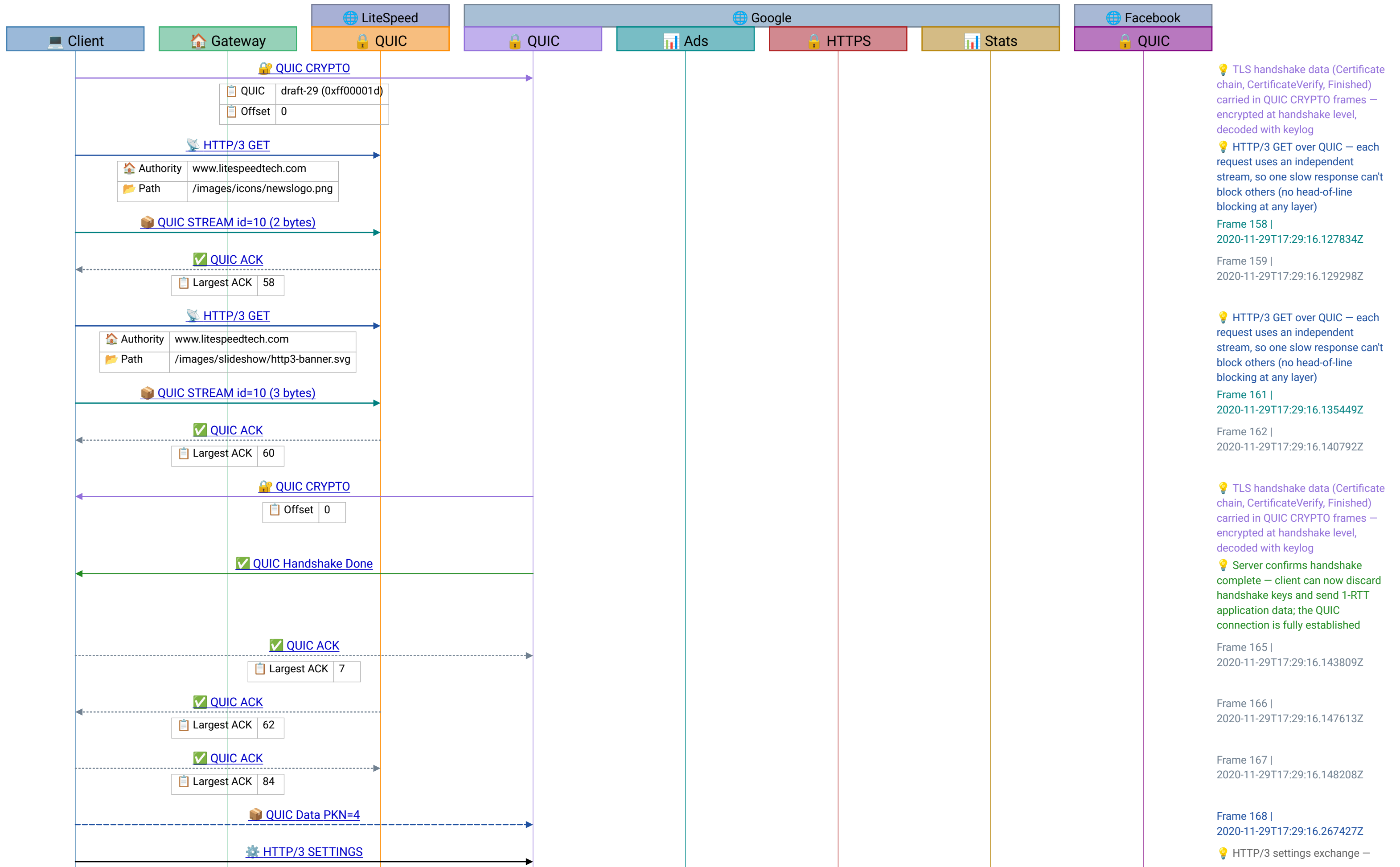












💡 TLS handshake data (Certificate chain, CertificateVerify, Finished) carried in QUIC CRYPTO frames – encrypted at handshake level, decoded with keylog

💡 HTTP/3 GET over QUIC – each request uses an independent stream, so one slow response can't block others (no head-of-line blocking at any layer)

Frame 158 |
2020-11-29T17:29:16.127834Z

Frame 159 |
2020-11-29T17:29:16.129298Z

💡 HTTP/3 GET over QUIC – each request uses an independent stream, so one slow response can't block others (no head-of-line blocking at any layer)

Frame 161 |
2020-11-29T17:29:16.135449Z

Frame 162 |
2020-11-29T17:29:16.140792Z

💡 TLS handshake data (Certificate chain, CertificateVerify, Finished) carried in QUIC CRYPTO frames – encrypted at handshake level, decoded with keylog

💡 Server confirms handshake complete – client can now discard handshake keys and send 1-RTT application data; the QUIC connection is fully established

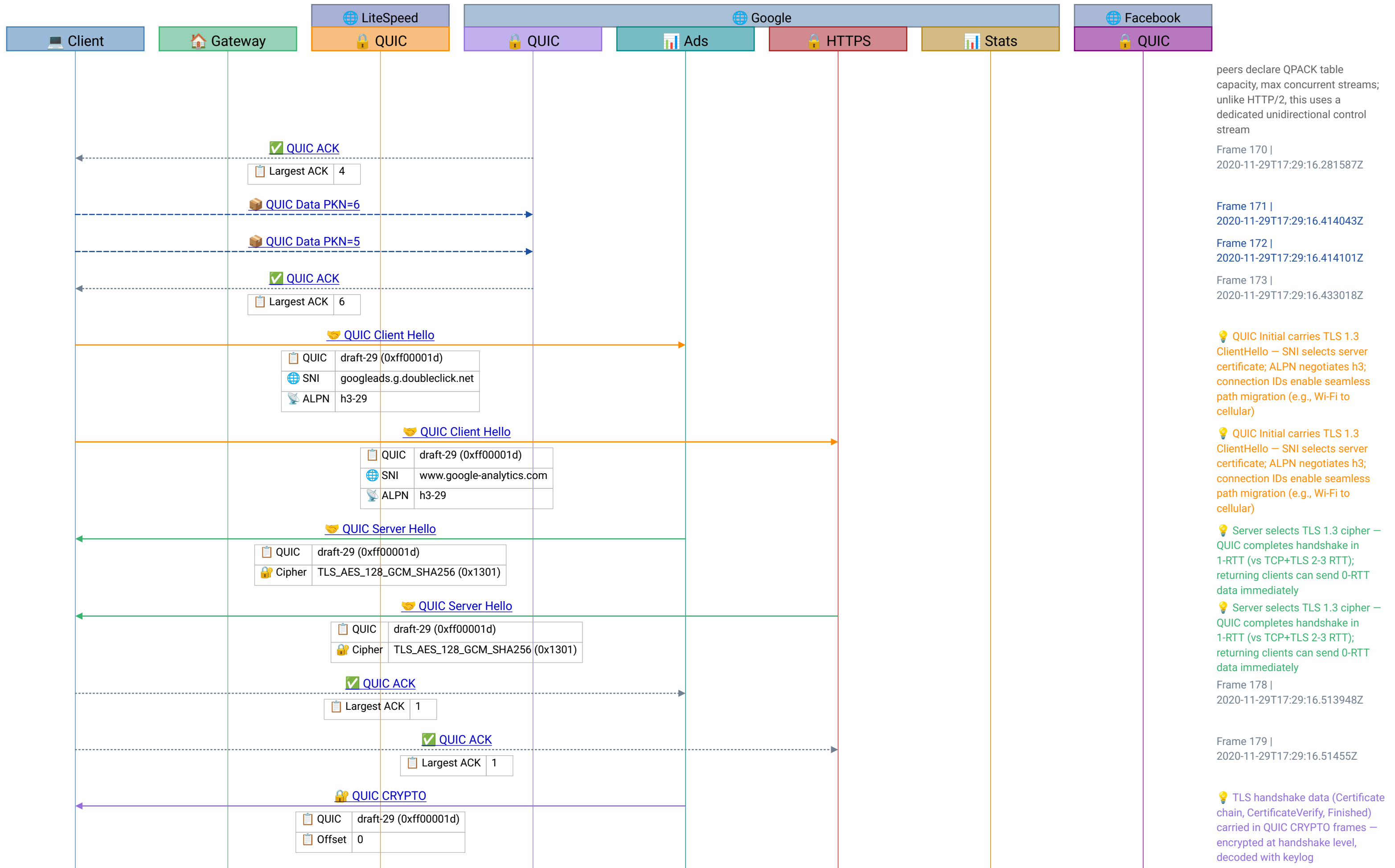
Frame 165 |
2020-11-29T17:29:16.143809Z

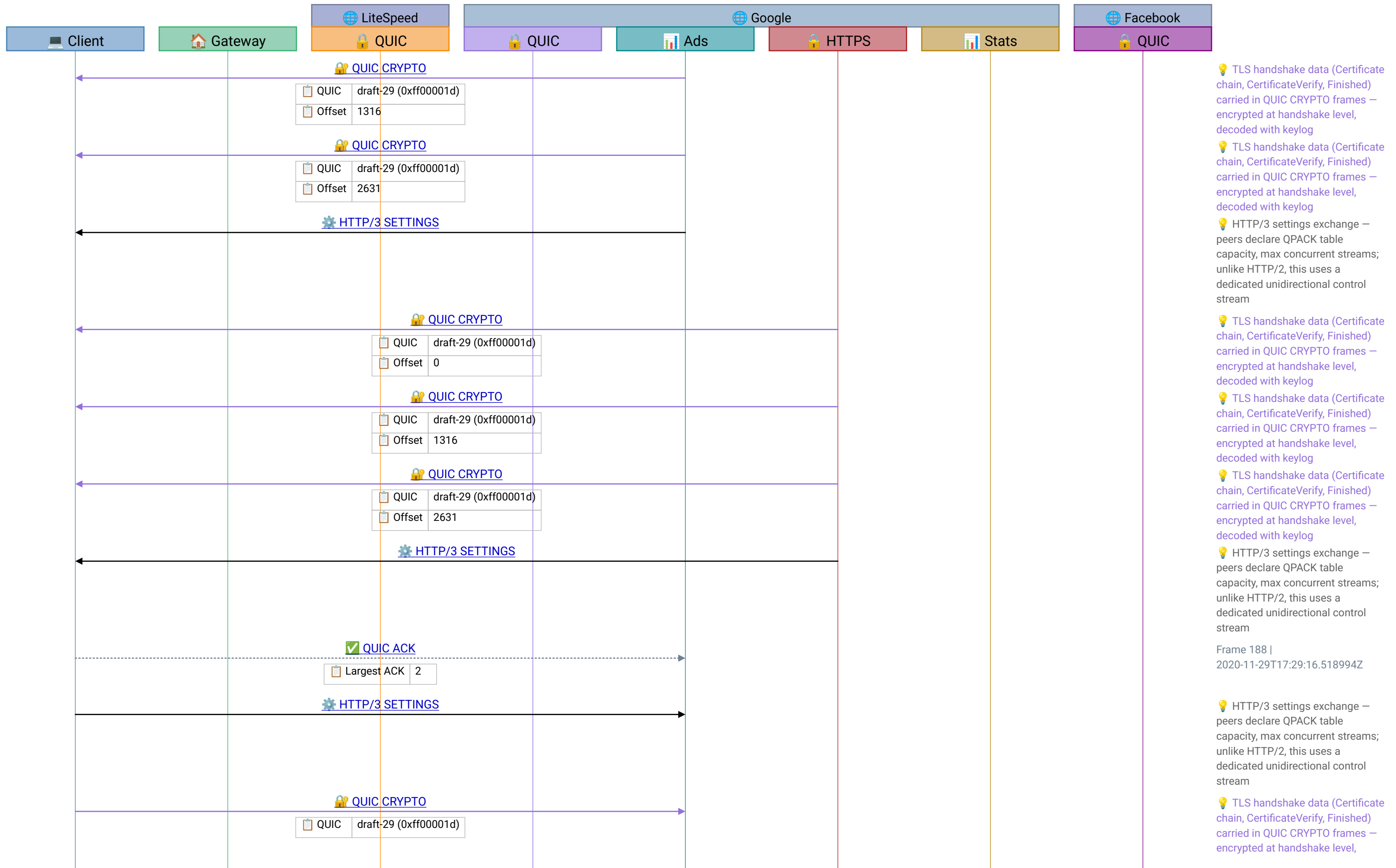
Frame 166 |
2020-11-29T17:29:16.147613Z

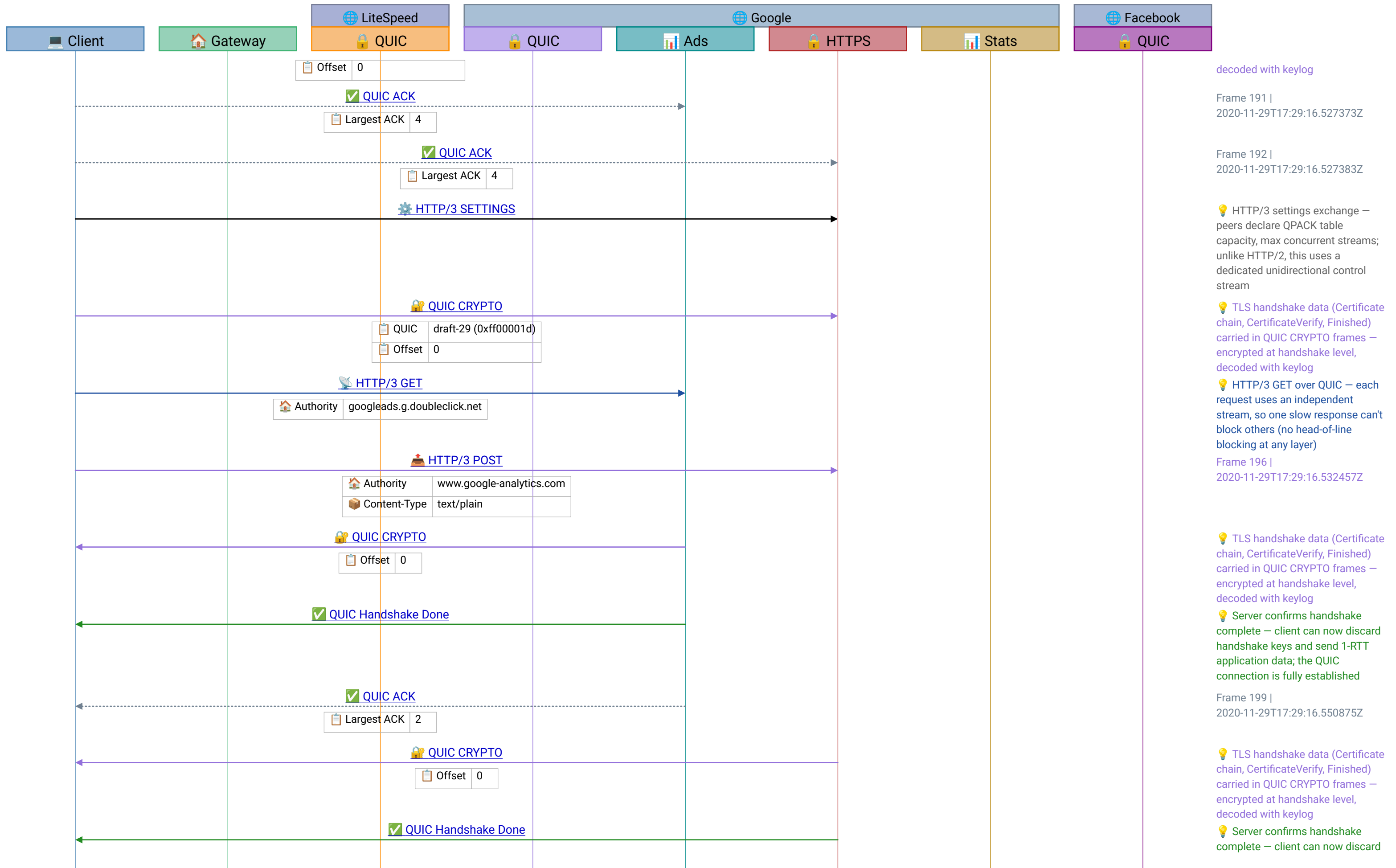
Frame 167 |
2020-11-29T17:29:16.148208Z

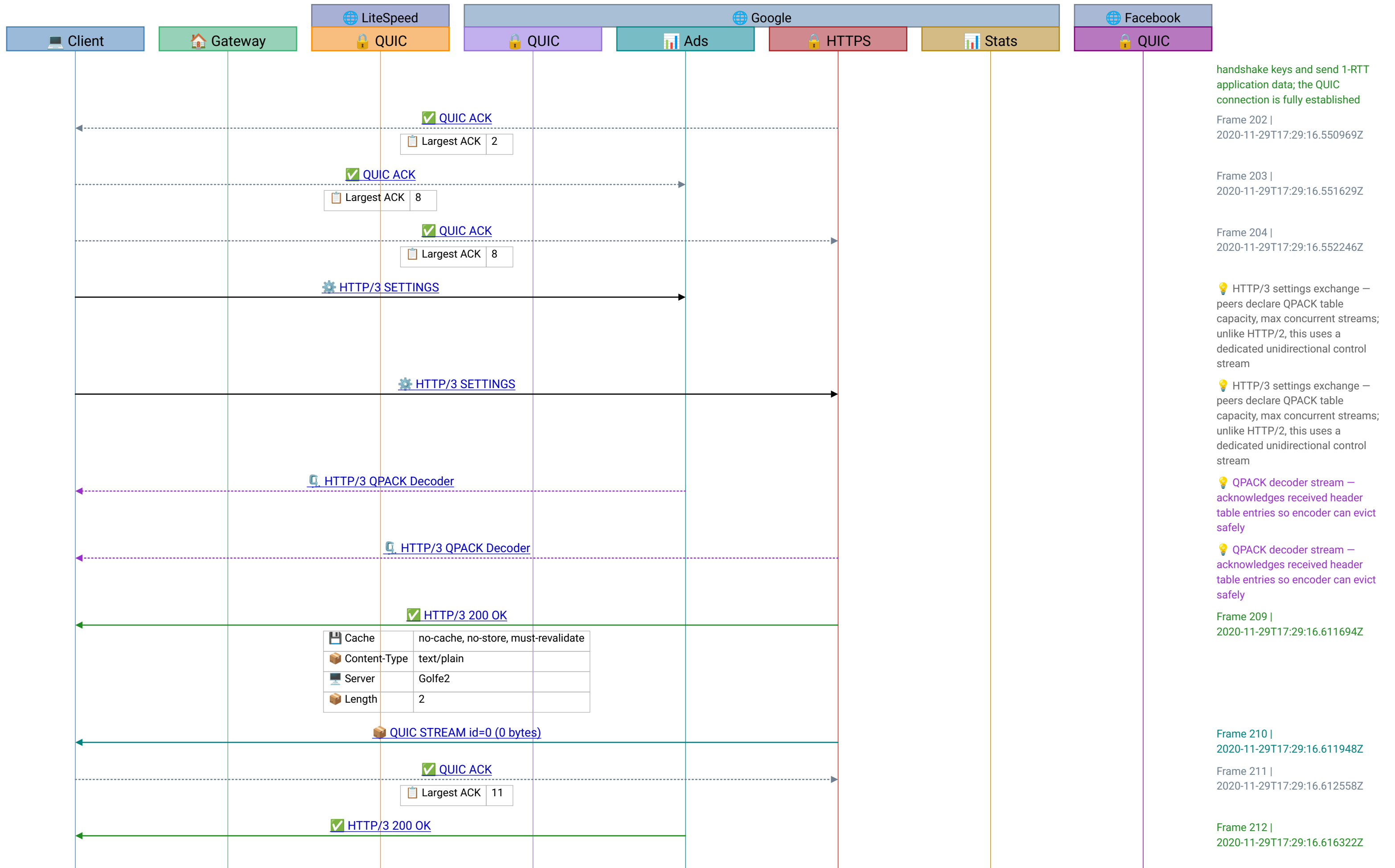
Frame 168 |
2020-11-29T17:29:16.267427Z

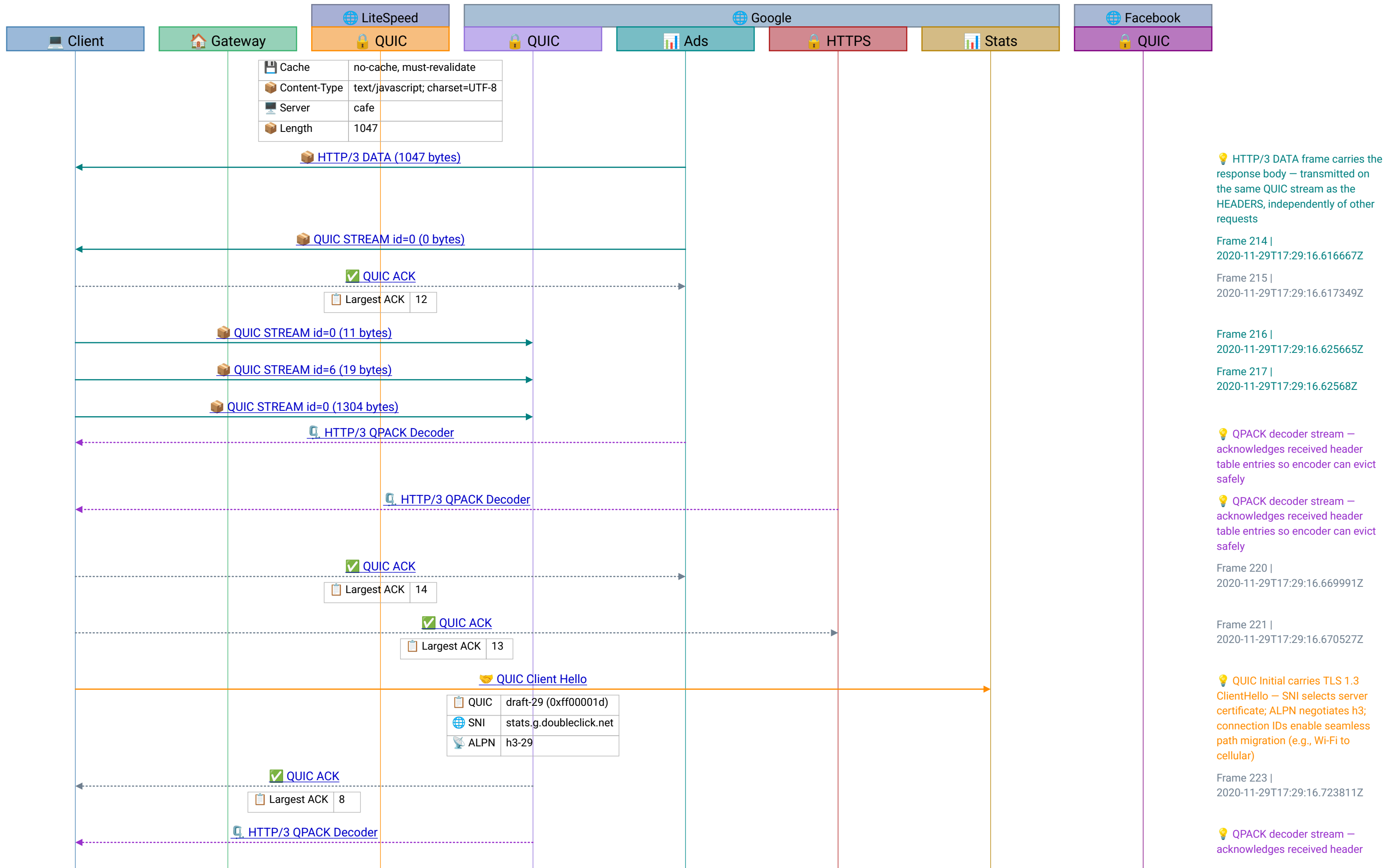
💡 HTTP/3 settings exchange –











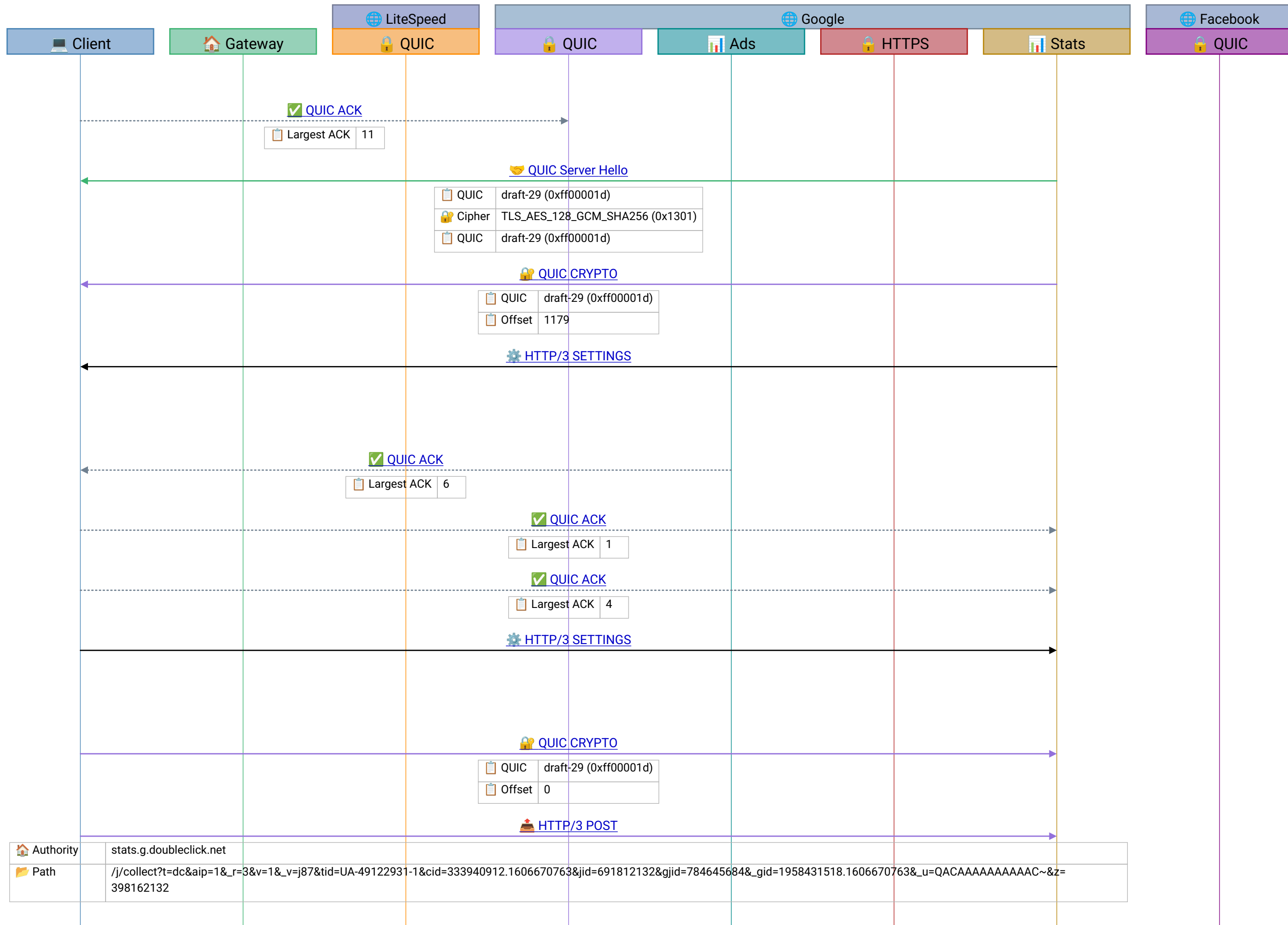


table entries so encoder can evict safely

Frame 225 |
2020-11-29T17:29:16.745894Z

💡 Server selects TLS 1.3 cipher – QUIC completes handshake in 1-RTT (vs TCP+TLS 2-3 RTT); returning clients can send 0-RTT data immediately

💡 TLS handshake data (Certificate chain, CertificateVerify, Finished) carried in QUIC CRYPTO frames – encrypted at handshake level, decoded with keylog

💡 HTTP/3 settings exchange – peers declare QPACK table capacity, max concurrent streams; unlike HTTP/2, this uses a dedicated unidirectional control stream

Frame 229 |
2020-11-29T17:29:16.749681Z

Frame 230 |
2020-11-29T17:29:16.750568Z

💡 HTTP/3 settings exchange – peers declare QPACK table capacity, max concurrent streams; unlike HTTP/2, this uses a dedicated unidirectional control stream

💡 TLS handshake data (Certificate chain, CertificateVerify, Finished) carried in QUIC CRYPTO frames – encrypted at handshake level, decoded with keylog

Frame 233 |
2020-11-29T17:29:16.752953Z

