

Extended Key Update for Transport Layer Security (TLS) 1.3

draft-tschofenig-tls-extended-key-update-02

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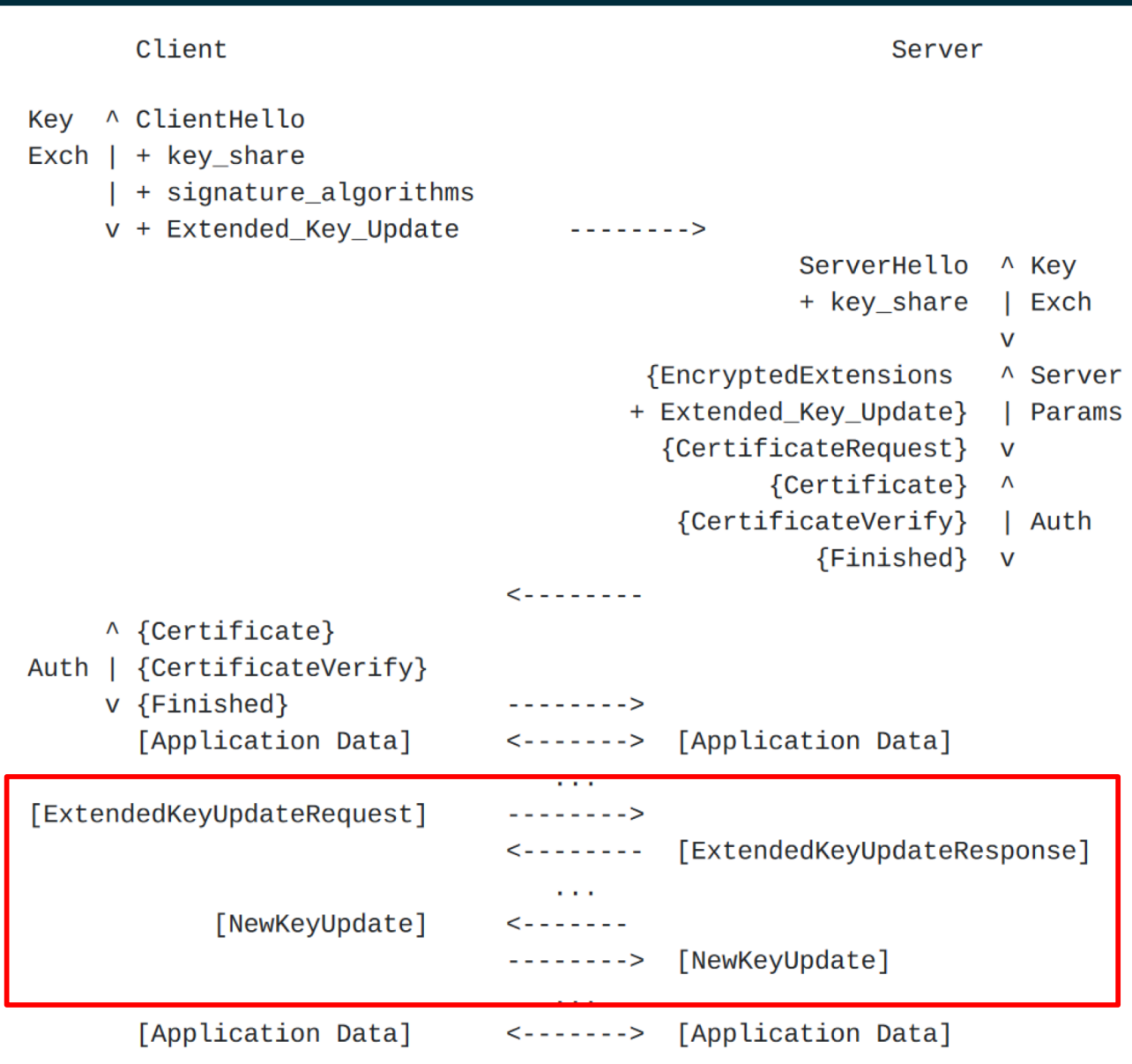
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Status

- -02 version with re-design based on feedback from Brisbane meeting
- New design uses:
 - Flags extension to negotiate the feature
 - Message exchange for sharing the key shares
 - Separate exchange to trigger the update of traffic secrets
 - "too_many_extendedkeyupdate_requested" alert

Message Flow



Next Steps

- Call for adoption?
- Additional work ahead of us:
 - Formal analysis
 - Prototyping