

simplified and one-way authentication TLS 1.3 (2018)











 N_B , $ECDH_B$, $[Cert_B, sign(H(N_A || N_B || ECDH_A || ECDH_B || Cert_B))]_K$

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NA, ECDHA

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TLS 1.3 is much better than TLS 1.2

- ✓ Only one round in the handshake (vs 2 with TLS 1.2)
- √ Faster (use of elliptic curves)
- ✓ Certificate is encrypted (better confidentiality)
- ✓ Protocol has been formally proven
 (dos not prevent from implementation bugs)