

draft-cdni-fieau-lurk-https- delegation-00

CDNI WG

Frédéric Fieau

Emile Stephan

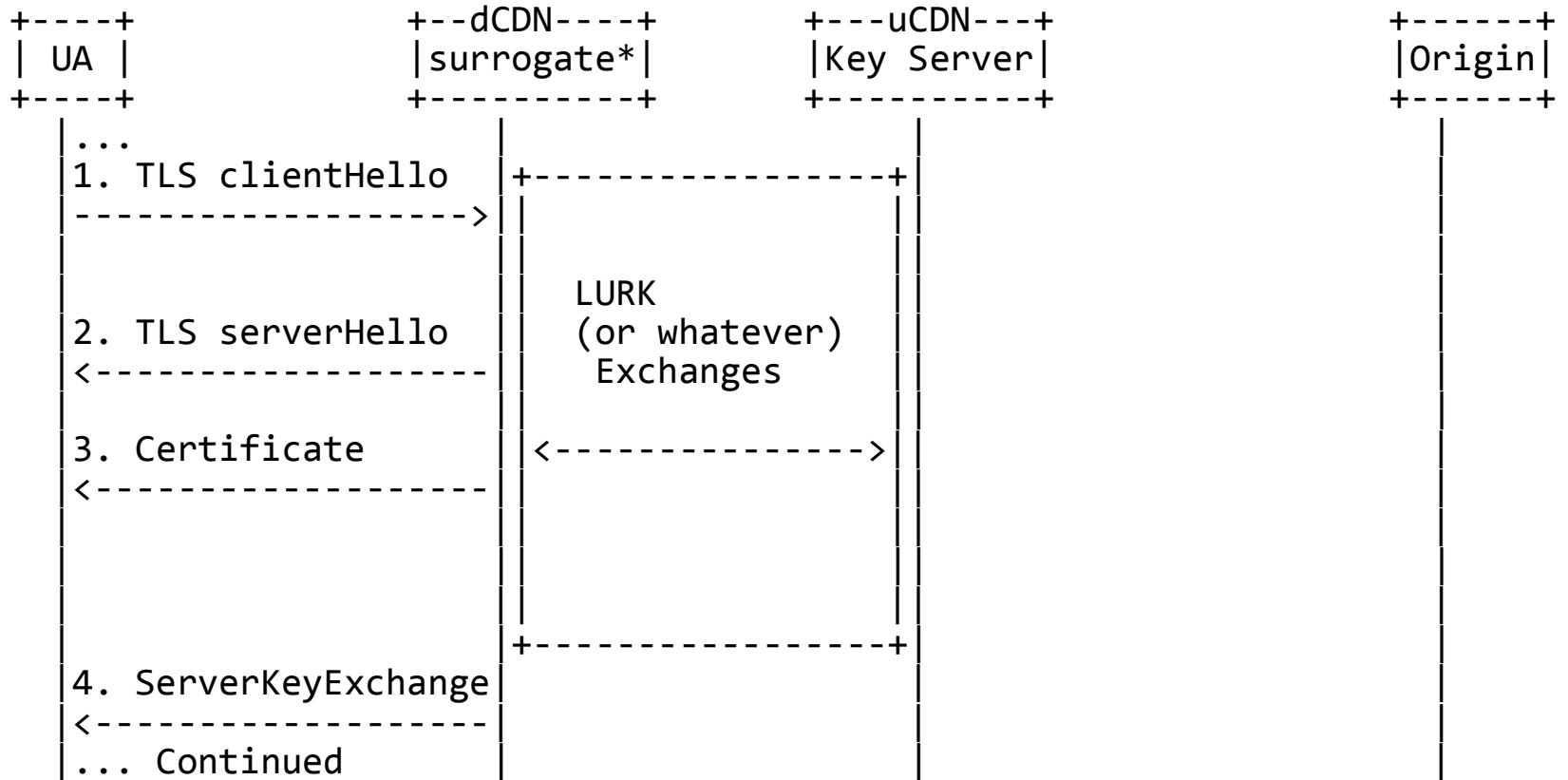
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IETF 96 – Berlin

Introduction

- Regarding TLS certificates, the LURK BoF feedback is that CSPs and CDN providers are reluctant to share private keys mainly because of legal and security issues about private keys.
- The CDNI working group is still looking for a solution that avoids the exchange of private keys between CDNs.
- We proposed a new draft to specifically based on LURK in CDNI: the objective is to propose a solution for delegating content delivery.

High level architecture



Use Cases

- The draft presents 2 use cases
 - A: Origin certificate under the uCDN authority
 - B: Origin certificate under a 3rd party authority

Next Steps

- It is likely that LURK key server interface is not going to be specified.
- Other approaches are being discussed at the IETF to provision adhoc certificates instead of keying information.
- Could those approaches be considered by the CDNI WG in a further work?
- Do we update the draft with these approaches?