



# draft-lear-eap-teap-brski-01

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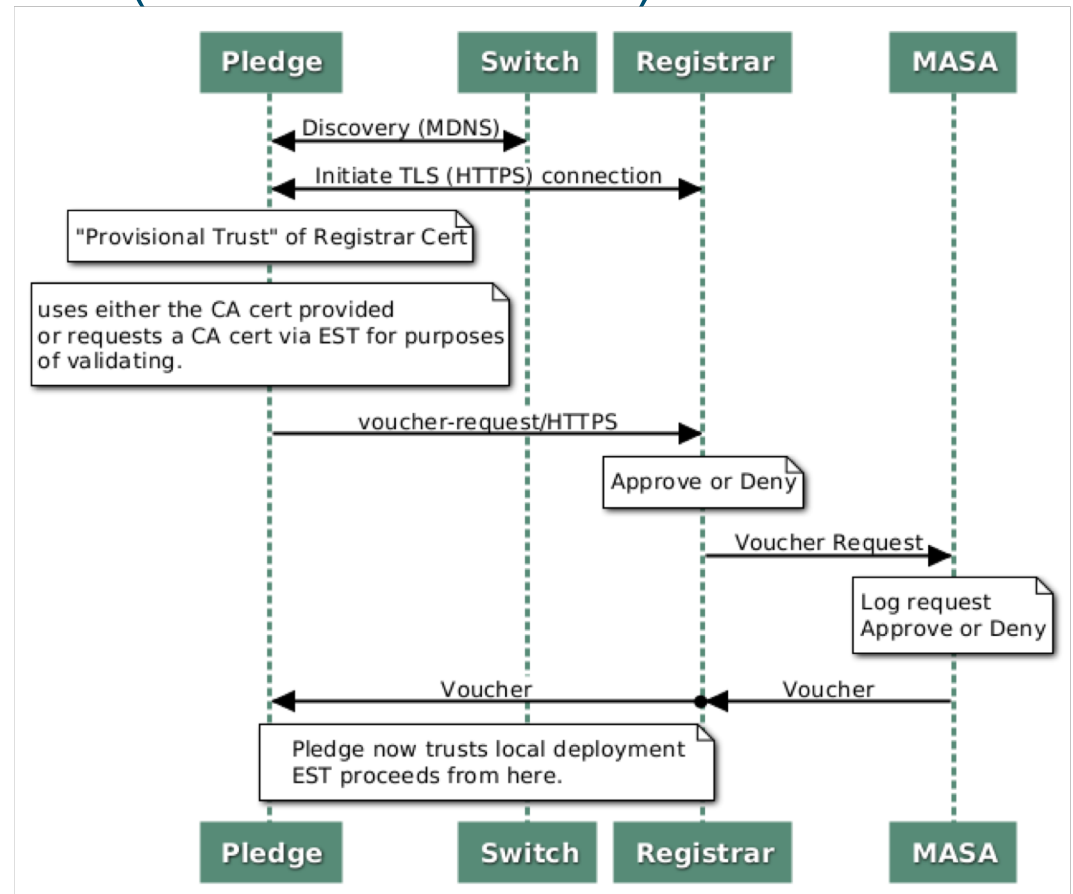
5. Nov 2018

# Problem Statement and Goals

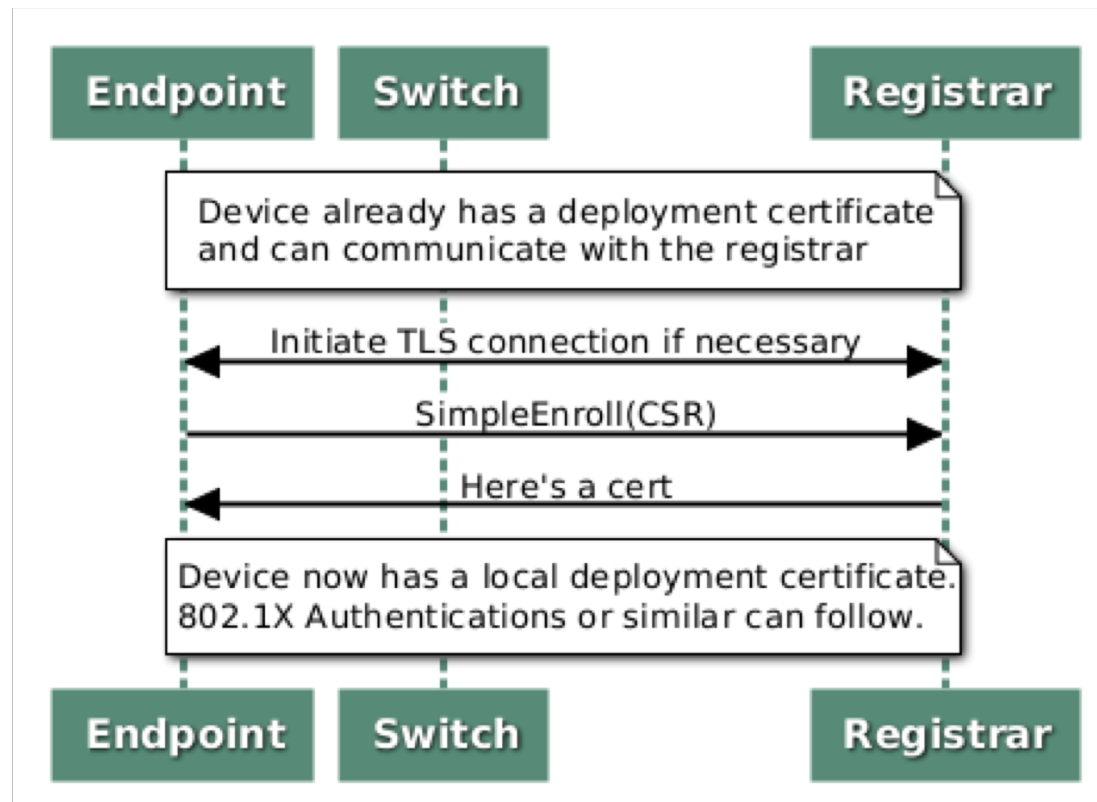
- Devices need trusted introduction to a local deployment
- ANIMA BRSKI provides that trusted introduction
  - Certificate-based trust anchor installation
- EST provides the means to enroll a deployment certificate
- BRSKI and EST assume some level of network connectivity
- Not the case with 802.11 (and other) networks
- EAP provides a tunnel mechanism **prior** to network admission control
- TEAP has many of the TLVs we already need to implement much of this

# Bootstrapping with wired (ANIMA BRSKI)

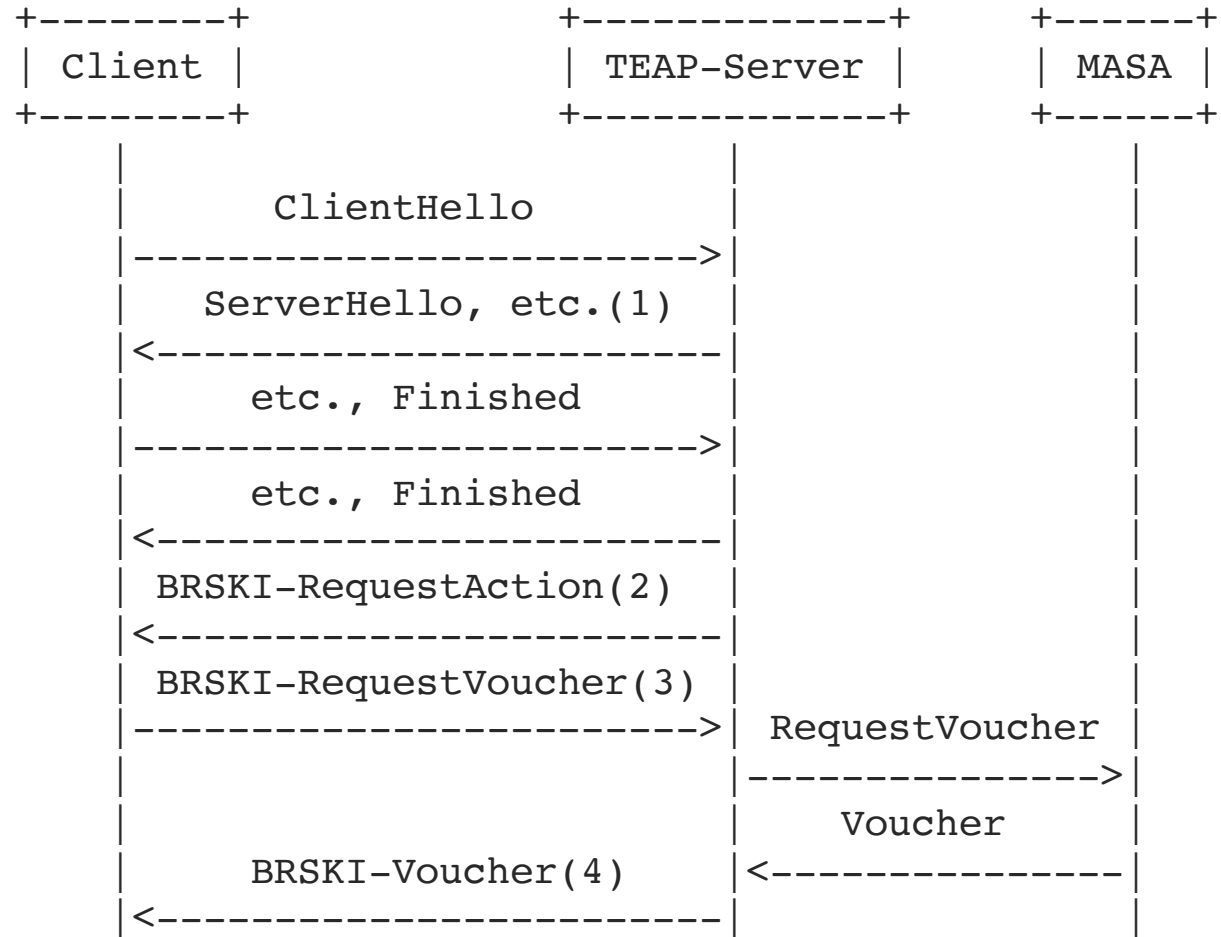
- Pledge=Device
- Registrar=Store of known devices (tied to AAA infrastructure)
- MASA="Manufacturer Authorized Signing Authority"
- EST -enrollment over secure transport



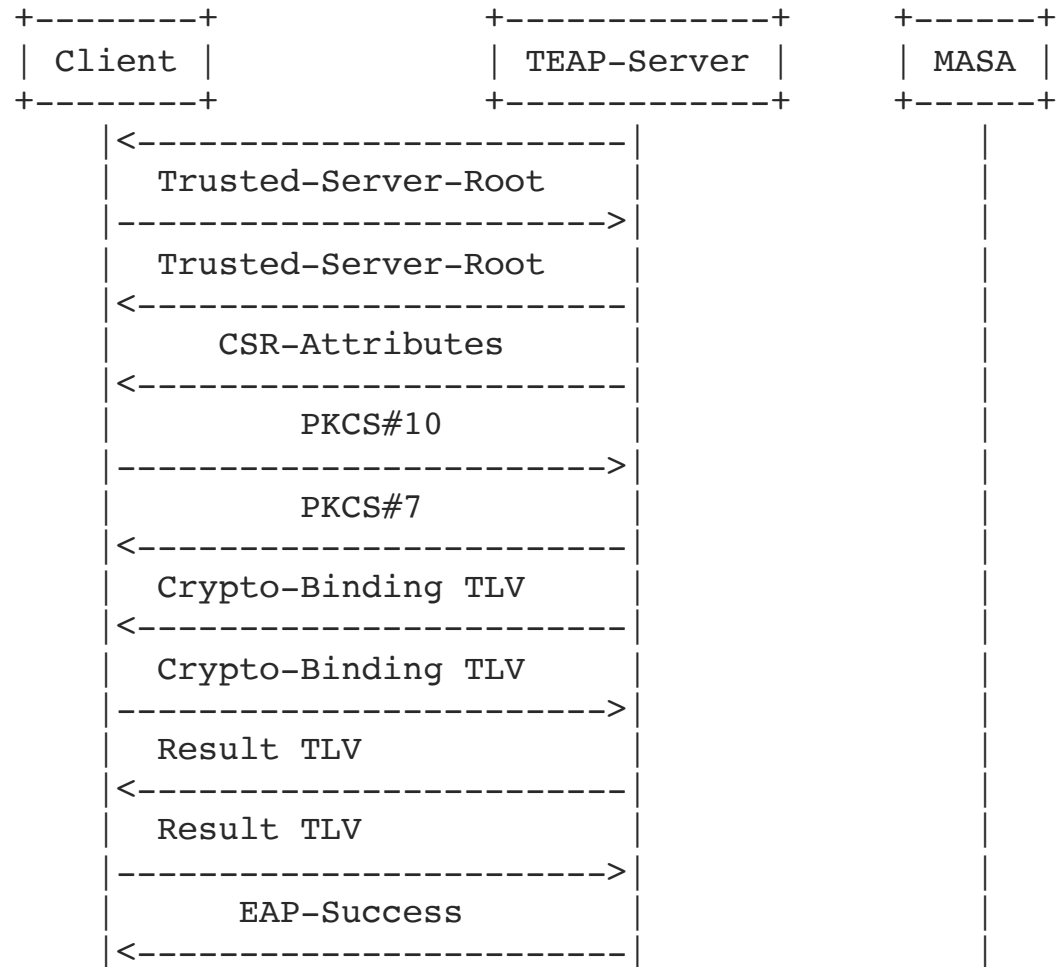
# Client gets a certificate via EST (RFC 7030)



# Overview



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## Changes since -00

- TLVs documented
- IANA considerations section added
- Several “request” messages removed (they can be implied)
- Flows updated

# Issues that need to be addressed

- Security Considerations
- Can we further develop the voucher mechanism to address non-MASA cases?
- Can we further develop to use proof other than a certificate (PSK or other)?



## Next Steps

- Consider those questions
- Work on the underlying architecture
- Consider EAP-NOOB use case as well
- Not asking for WG adoption at this time
- May need some interim discussions on the broader issues
- More about those broader issues at OPSAWG
- “Side Meeting” Tuesday at 18:00