ANIMA
Constrained Voucher
and BRSKI extensions to COAP-EST

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https://www.sandelman.ca/SSW/ietf/meeting/ietf103/ietf103-ace-est-coap.pdf

EST-COAP -06

- Moved change Log section to front.
- clarified discovery section, by specifying that no discovery may be needed for /.well-known/est URI.
- added resource type values for IANA
- added list of compulsory to implement and optional functions.
- Fixed issues pointed out by the idnits tool.
- Updated COAP response codes section with more mappings between EST and HTTP codes and EST-coaps COAP codes.
- Minor updates to the MTI EST Functions section.
- TBD8 removed from C-F registration, to be done in CT draft.

Interop testing

- Started Tuesday Oct. 9, 15:00 UTC
  - Visit https://appear.in/est-coaps
- Participants have put EST Registrar ("server") online at public IP
  - Client can usually operate behind NAT if needed. Some IPv6-only though.
- Some systems require trust anchors configures, others do not.
  - Trust anchors have been distributed by email and via github tree.
- Mailing list: https://lists.sandelman.ca/mailman/admindb/est-and-bootstrap-plugtesting
- "Three" participating companies: 2 with client and server, one with server-only, one with client-only (a team!)
- Initial meetings were very much "is this thing turned on", and have continued weekly, including this week.
  - We have passed through "does DTLS even work" and we are now at the stage of "what's wrong with this CSR?"

Internet
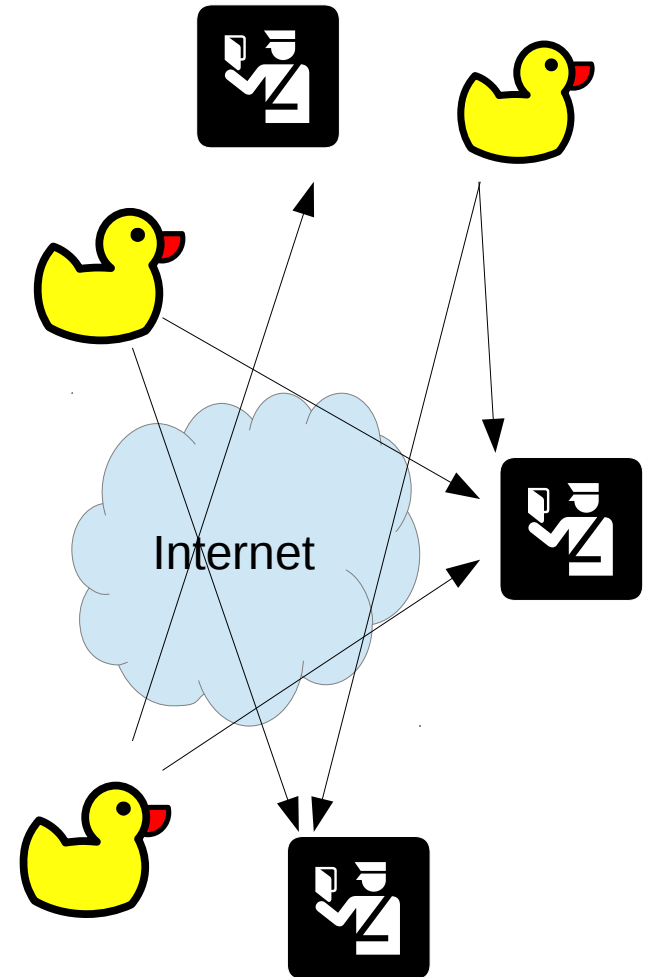
Open Issues

- We think that there are none, but that seems too ridiculous.

- It is clear that EST-CoAP is a building block for other specific protocols.

    – The choice of how the EST channel is secured is dependent upon target use case.

        • Trying to get away without detailing use cases, because it is a rathole.

    – Case for renewal of existing certificates would seem to be well defined, except for draft-nir-saag-star considerations!

- Ready for WGLC!