Authentication and Authorization for Constrained Environments (ACE)

draft-ietf-ace-oauth-authz-13 (= framework)
draft-ietf-ace-oauth-params-00 (=params)

Ludwig Seitz (ludwig.seitz@ri.se)

IETF 103 ACE WG meeting
November 8, 2018
Framework updates from 13 to 16

- Split out “cnf”, “rs_cnf”, “req_aud” to separate draft (draft-ietf-ace-oauth-params)
- Introduced ace+cbor content type
- Added claim registrations for “rs_cnf” and “profile”
- Added text about refresh tokens
- Added text about using RFC 6750 error codes
- Defined new error code for incompatible request parameters
Discussion Points

• Use of low-digit abbreviations
  – What parameters are valuable enough?
• Unified registry for CBOR abbreviations
  – Avoid collisions
• CWT as format for signed protocol messages?
  – Access token request/response
• Alignment with ongoing OAuth work
  – req_aud vs resource (cf. draft-ietf-oauth-resource-indicators)
Discussion Points ctd.

• Multiple tokens for one RS and client
  – How should the RS handle them?
    1) Newer tokens amend older ones
    2) Newer tokens overwrite older ones
• Do we need the expiration mechanism based on sequence numbers?
  – For devices with no internal clock
• Symmetric cnf keys and multi RS audiences
  – Currently: SHOULD NOT
  – Use cases in multicast?
Next Steps

- Update drafts after WGLC comments and WG discussions