

Authentication and Authorization for Constrained Environments (ACE)

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IETF 102, Montreal

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

Agenda

Administrative and WG Summary (Chairs, 10 min)

PoP Key Semantics for CWTs (draft-ietf-ace-cwt-proof-of-possession) (Mike Jones, 15 min)

EST over secure CoAP (draft-ietf-ace-coap-est) (Peter van der Stok, 10 min)

Core Framework and Profiles (10 min)

- draft-ietf-ace-oauth-authz (Ludwig Seitz)
- draft-ietf-ace-dtls-authorize (Ludwig Seitz)
- draft-ietf-ace-oscore-profile (Ludwig Seitz)

Group Communications

- draft-palombini-ace-key-groupcomm (Francesca Palombini, 10min)
- draft-palombini-ace-coap-pubsub-profile (Francesca Palombini, 10min)
- draft-tiloca-ace-oscoap-joining (Marco Tiloca/remote, 10min)

Resource Directory Authorization Issues (Peter van der Stok/Carsten Bormann, 30min)

EDHOC (as time permits)

- draft-selander-ace-cose-ecdhe-09

Closing and Summary (Chairs)

Status Update

- IETF 102 Hackathon Activity
- WGLC on draft-ietf-ace-cwt-proof-of-possession-02
- Early registration of CoAP Media types for draft-ietf-ace-coap-est
- InterOp event (May 30)
- Published RFC 8392 (CBOR Web Token)

Milestones

Date	◆ Milestone
Nov 2018	Submit ACE profile for OSCORE to the IESG for publication as a Proposed Standard draft-ietf-ace-oscore-profile
Nov 2018	Submit DTLS Profile for ACE to the IESG for publication as a proposed standard draft-ietf-ace-dtls-authorize
Nov 2018	Submit "Authentication and Authorization Solution" specification to the IESG for publication as a Proposed Standard. draft-ietf-ace-oauth-authz
Sep 2018	WGLC on OSCORE Profile for ACE draft-ietf-ace-oscore-profile
Sep 2018	WGLC for DTLS Profile for ACE draft-ietf-ace-dtls-authorize
Jul 2018	WGLC for OAuth Authentication and Authorization Solution draft draft-ietf-ace-oauth-authz
Jul 2018	Submit CWT Proof of Possession to IESG for publication as proposed standard draft-ietf-ace-cwt-proof-of-possession
Mar 2018	WGLC on CWT Proof of possession draft-ietf-ace-cwt-proof-of-possession

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Resource Directory Authorization Discussion

Resource directory authorization is a general problem from ACE

After the presentation we will ask “Is this a problem the WG should be examining”

Resource Directory

Authentication Summary

- What is the problem?
 - Protecting end-points? Vs. Something more general purpose (what is that?)?
 - No human in the loop
 - Integrity vs. privacy
- What is the solution?
 - A way? Vs. The way?
 - Consider group communication
 - Keep it simple

Wrap Up

- draft-ietf-ace-cwt-proof-of-possession
 - Authors respond to outstanding issues posted by Document Shepherd on ML (07/12/2018)
- draft-ietf-ace-oauth-authz
 - Publish revised draft to address feedback; WGLC in September 2018
- Group Communication Individual Drafts
 - Deferring WG adoption discussion until framework documents progress
- Resource Directory Authorization Discussion
 - More discussion required on problem and solution