Authentication and Authorization for Constrained Environments (ACE)

Thursday, November 8, 2018
IETF 103, Bangkok

Jim Schaad and Roman Danyliw
Note Well

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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)
Agenda

Administrative and WG Summary (Chairs, 10 min)

ACE-OAuth (Ludwig Seitz, 10 min)
draft-ietf-ace-oauth-authz

DTLS Profile for ACE (Göran Selander, 10 min)
draft-ietf-ace-oauth-authz

OSCORE Profile for ACE (Francesca Palombini, 10 min)
draft-ietf-ace-oscore-profile

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

EST over secure CoAP (Michael Richardson, 15 min)
draft-ietf-ace-coap-est

New Work Adoption (Chairs, 10 min)

Closing and Summary (Chairs)
Status Update

• October 2018 WGLC on:
  – draft-ietf-ace-oscore-profile
  – draft-ietf-ace-authz
  – draft-ietf-dtl-authorize
  – draft-ietf-ace-oauth-params
  – Summary: https://www.ietf.org/mail-archive/web/ace/current/msg03073.html

• In Shepherd Review:
  – draft-ietf-ace-cwt-proof-of-possession-03

• IETF 103 Hackathon Activity
## Milestones

<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
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<tbody>
<tr>
<td>Nov 2018</td>
<td>Submit ACE profile for OSCORE to the IESG for publication as a Proposed Standard. draft-ietf-ace-oscore-profile</td>
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<tr>
<td>Nov 2018</td>
<td>Submit DTLS Profile for ACE to the IESG for publication as a proposed standard. draft-ietf-ace-dtls-authorize</td>
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<tr>
<td>Nov 2018</td>
<td>Submit &quot;Authentication and Authorization Solution&quot; specification to the IESG for publication as a Proposed Standard. draft-ietf-ace-oauth-authz</td>
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<td>Sep 2018</td>
<td>WGLC on OSCORE Profile for ACE draft-ietf-ace-oscore-profile</td>
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<td>Sep 2018</td>
<td>WGLC for DTLS Profile for ACE draft-ietf-ace-dtls-authorize</td>
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<td>Jul 2018</td>
<td>WGLC for OAuth Authentication and Authorization Solution draft draft-ietf-ace-oauth-authz</td>
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<td>Jul 2018</td>
<td>Submit CWT Proof of Possession to IESG for publication as proposed standard. draft-ietf-ace-cwt-proof-of-possession</td>
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<tr>
<td>Mar 2018</td>
<td>WGLC on CWT Proof of possession draft-ietf-ace-cwt-proof-of-possession</td>
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New Work Adoption (Chairs, 10 min)

Closing and Summary (Chairs)
Call for Adoption

• Key Provisioning for Group Communication using ACE
  – draft-palombini-ace-key-groupcomm
• CoAP Pub-Sub Profile for ACE
  – draft-palombini-ace-coap-pubsub-profile
• Key Management for OSCORE Groups in ACE
  – draft-tiloca-ace-oscoap-joining