# Authentication and Authorization for Constrained Environment (ACE)

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# Requests

- Jabber Scribe
- Minute Taker
- Blue Sheets

# Milestone Check

## Milestones

| Date | Milestone |
|------|-----------|
| Sep 2016 | Submit "Authentication and Authorization Solution" specification to the IESG for publication as a Proposed Standard. draft-ietf-ace-oauth-authz |
| May 2016 | Submit "An Architecture for Authorization in Constrained Environments" to the IESG for publication as a Informational RFC. draft-ietf-ace-actors |
| Done | Submit "Authentication and Authorization for ACE" specification as a WG item. |
| Done | Optionally, submit "Use cases and Requirements" document to the IESG for publication as an Informational RFC. draft-ietf-ace-usecases |
| Done | Submit "An Architecture for Authorization in Constrained Environments" as a WG item. draft-gerdes-ace-actors |
| Done | Submit "Use cases and Requirements" as a WG item. draft-ietf-ace-usecases |

# Agenda

* Agenda Bashing and Status Update (Chairs, 10 mins)
* Actors (Carsten Bormann, 5 mins)
  - http://datatracker.ietf.org/doc/draft-ietf-ace-actors/
* CBOR Web Token (Mike Jones, 15 mins)
  - https://datatracker.ietf.org/doc/draft-ietf-ace-cbor-web-token/
* Authorization using OAuth 2.0  (Ludwig Seitz, 10 mins)
  - https://datatracker.ietf.org/doc/draft-ietf-ace-oauth-authz/
* ACE Profiles (Goran Selander, 20 mins)
  - https://datatracker.ietf.org/doc/draft-ietf-ace-oauth-authz/
* DTLS Profile for ACE (Carsten Bormann, 10 mins)
  - https://datatracker.ietf.org/doc/draft-gerdes-ace-dtls-authorize/
* CoAP Pub-sub Profile (Francesca Palombini, 15 mins)
  - https://datatracker.ietf.org/doc/draft-palombini-ace-coap-pubsub-profile/
* Ephemeral Diffie-Hellman Over COSE (John Mattsson, 15 mins)
  - https://datatracker.ietf.org/doc/draft-selander-ace-cose-ecdhe/
* EST over secure CoAP (Peter van der Stok, 15 mins)
  - https://datatracker.ietf.org/doc/draft-vanderstok-ace-coap-est/
* Enrollment with Application Layer Security (Goran Selander, 15 mins)
  - https://www.ietf.org/id/draft-selander-ace-eals-00.txt
* Offline usage of ACE (Jintao Zhu, 15 mins)
  - https://datatracker.ietf.org/doc/draft-zhu-ace-offline/
* Wrap-up (Chairs, 5 min)

# Status Update

- Security for Low-Latency Group Communication
  - Open Issues
    - Explicit set of requirements be defined and inserted into the scope
    - Restrict the scope of the problem to be solved
    - Transform into an ACE profile
    - Only asymmetric key multicast solution for IOT control