

CoAP Pub-Sub Profile for Authentication and Authorization for Constrained Environments (ACE)

[draft-palombini-ace-coap-pubsub-profile-06](#)

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IETF 106, ACE WG, Singapore, Nov 19th, 2019

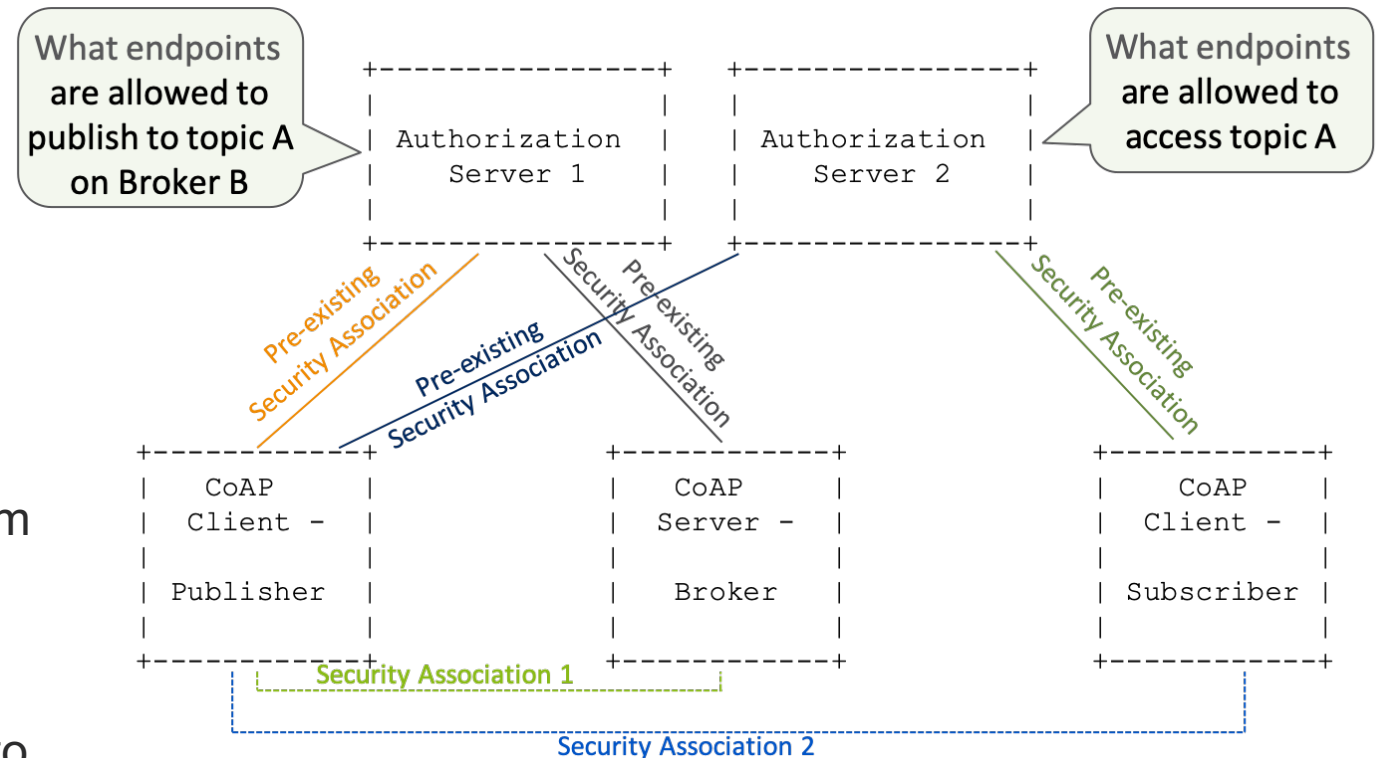
Quick Recap / Motivation

Defines how to:

- use ACE to authorize nodes and provision keys for CoAP pubsub
- protect CoAP pubsub communication using those keys
- **protect MQTT pubsub communication using those keys**
- Submitted at IETF98
- Got several reviews and positive feedback during previous meetings
- Updated following ace-key-groupcomm updates

Related work:

- Draft-ietf-core-coap-pubsub is closer to being done
- MQTT pubsub profile of Ace has been adopted



Status update + next steps

- Updated to v-06 to comply with ace-key-groupcomm
- Planned update v-07:
 - clarify and expand on: the protection of content applies to **MQTT pubsub** as well as **CoAP pubsub**
 - improve on encryption and content protection (+ get reviews from MQTT authors?)
 - keep up-to-date with ace-key-groupcomm
- **Adoption**