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

draft-palombini-ace-coap-pubsub-profile-06

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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