

CMP Over CoAP Transport

draft-ietf-ace-cmpv2-coap-transport-02

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Introduction

- Lamps WG is working on improving CMP according to the new use cases notably for industrial and iot device. These are the drafts in progress:
 - Certificate Management Protocol (CMP) Updates
 - Certificate Management Protocol (CMP) Algorithms
 - Lightweight Certificate Management Protocol (CMP) Profile
- For constrained devices, CMP can be used more efficiently over CoAP transport instead of traditional HTTP/HTTPS.
- Since CMP itself is transport protocol agnostic and can be transported over CoAP too, this draft intends to provide guidelines for using CoAP transport.
- In general this draft follows RFC 6712 (CMP over HTTP).

Current Status

- Working on updating the draft with based on the review comments that have been closed in the WG last call (mostly done).
- Also reviewing changes in the latest version of the Lightweight CMP Profile (<https://datatracker.ietf.org/doc/html/draft-ietf-lamps-lightweight-cmp-profile>) draft 06 and CMP Updates (<https://datatracker.ietf.org/doc/html/draft-ietf-lamps-cmp-updates-10>) (In Progress)
- Got an comment yesterday about URI suffix for CMP over CoAP for /.well-know/ path to use cmp-over-coap instead of just cmp and add it to IANA section for registry request. Need to discuss about this in the group. (To be resolved for the next version)

Questions?