

CoRE Resource Directory Extensions

amsuess-core-resource-directory-extensions-10

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Document content

A mixed bag

- Practical extensions: Reverse proxy registration, infinite lifetime, peeking across the brain split
- Exploratory extensions: Convert multicast lookups into RD interface, new interface for per-registration metadata
- *Workflow summary: RD with ACE or EDHOC*
- ... and a bunch of ideas moved into the attic

RD with EDHOC: Flows

Minimal CoAP RS sends one request: Simple registration

May suffice unauthenticated, RD can drive EDHOC.

How are registration parameters (if any at all) protected?

RD with ACE: Roles

Minimal CoAP RS sends one request: Simple registration

ACE roles are ill-matched for role reversal situation.

Ongoing work in ACE for high-level `workflow-and-params #1` and `edhoc-oscore-profile #8`

Next steps

Drive ACE enhancements