draft-ietf-acme-integrations-04

Friel, Barnes        Cisco
Shekh-Yusef         Auth0
Richardson          Sandelman Software Works
TL;DR

• Informational draft

• Describes how ACME RFC 8555 can be integrated with multiple existing client / device certificate enrolment mechanisms without requiring any changes to ACME
  • EST
  • BRSKI / BRSKI Cloud
  • TEAP
Changes in draft-04 since IETF110 / draft-03

• Added “ACME Integration Considerations” section
  • Service Operators: Clarifies that EST or TEAP server operators are expected to be domain owners for certificate identifiers
  • CSR Attributes: Clients MUST send a CST Attributes request to the EST or TEAP server
  • Certificate Chains and Trust Anchors: Clarifies how end entity and associated certificate chain handling aligns across ACME, EST and TEAP specifications i.e. when ACME returns a cert chain
  • Error Handling: Gives RECOMMENDED mapping between ACME, CMC and TEAP error codes

• Consolidated existing id-kp-cmcRA guidance into this section too
Next Steps

• Feedback please