Update on BRSKI with Pledge in Responder Mode (BRSKI-PRM)

draft-ietf-anima-brski-prm-12
Repo URL: https://github.com/anima-wg/anima-brski-prm

Steffen Fries, Thomas Werner, Elliot Lear, Michael Richardson
Shepherd: Matthias Kovatsch

IETF 119 – ANIMA Working Group
BRuki-PRM Status
History of main changes 10→ 12

- Addressed remaining issues from ANIMA design team resulting in:
  - DNS service name definition to allow discovery of the pledge by the registrar agent
  - Clarification of nomadic operation
  - Clarification of verification of wrapped CA Certs response
- Comment resolution of Shepherd review resulted in
  - structural improvements of the document (focus on artifact definition and exchange in section 7;
  - change of JSON prototypes to CDDL, when no YANG is available
  - terminology alignment, editorial updates (references, duplicated text)
BRSKI-PRM Status

Next Steps

- WGLC before IETF 116 - DONE
- IOT DIR early review - DONE
- SECDIR early review – DONE

- Update of examples in Annex to match latest state of definitions
- Shepherd review of last part and writeup
- Ready for AD review

- Further Interop testing with other parties welcome 😊, PoC implementations of all components available, please get in touch
Backup: BRSKI-PRM – Abstract Protocol Overview

Step 1: Collect Bootstrapping request information from pledge

Step 2: Infrastructure Interaction based on BRSKI approach to collect voucher and LDevID Cert

Step 3: Provisioning of voucher, CA certs, and LDevID cert to pledge