ACME STAR

draft-ietf-acme-star-01
IETF 100 Singapore
• Lots of changes triggered by Martin's review

• Missed cut-off deadline (sorry)

• -01 submitted on Sunday night
"Delurkage"

- Removed CDN-specific text from the introduction
- Clean out LURK-specific text & figures
- Changed the document's title (removed the "D" word) which now reads: "Support for STAR Certificates in ACME"
  - Delegation is one (important) use case, not the main topic.
Authorised cancellation

- The ACME way, i.e. using POST + JWS (was: simple DELETE)
ST-certs time bounds and granularity

- recurrent-start-date & recurrent-end-date are absolute [RFC3339] dates (was: relative time)

- Validity of ST certs (recurrent-certificate-validity) in seconds (was: days)
Error responses

• Use "Problem Details" [RFC7807] in error responses for order expiry and cancellation

• New entries in the IANA registry
Implementation Status

- Added an "Implementation Status" section [BCP205]
- Describe the open source implementation by Telefonica
- As per process, this section will be removed before publication
Misc edits

- Protocol fields semantics defined clearly (was: described in comments inlined in example exchanges)

- Temporarily removed text from security considerations (needs more thought)
TBD

- Security and operational considerations:
  - Interaction with CT
  - TRANS meeting report from Diego
  - "MUST use CAA with the ACME extension that can't be modified by the delegated party"
Other STARs

- draft-nir-saag-star-00 on operational and security considerations about using STAR (not just ACME)
- Side meeting in Hullet Today at 6pm