ACME STAR & Delegation

IETF 100 Hackathon

ACME STAR

- Extend the ACME protocol to issue short-term certificates that are automatically-renewed by the ACME CA

- Diego (remote) has implemented draft-ietf-acme-star-00 on top of Boulder and Certbot (on github)

- Details recorded in the "Implementation Status" [BCP 205] section of -01 (to be posted tomorrow)

STAR Requests

- Protocol that uses ACME STAR to provide credential delegation from a domain name owner to a 3rd party (e.g., a CDN)

- Implemented draft-sheffer-acme-star-request-01 in Go (on github)

- Lots of feedback into the spec wrt the protocol flow [changes on my fork, soon to become a PR]

Portable CDN Demo

- James started working on a "portable" CDN to demo the delegation use case end-to-end and close the loop
- Likely to be ready before London

See you in London!