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!