

# ACME Renewal Information

draft-ietf-acme-ari-01

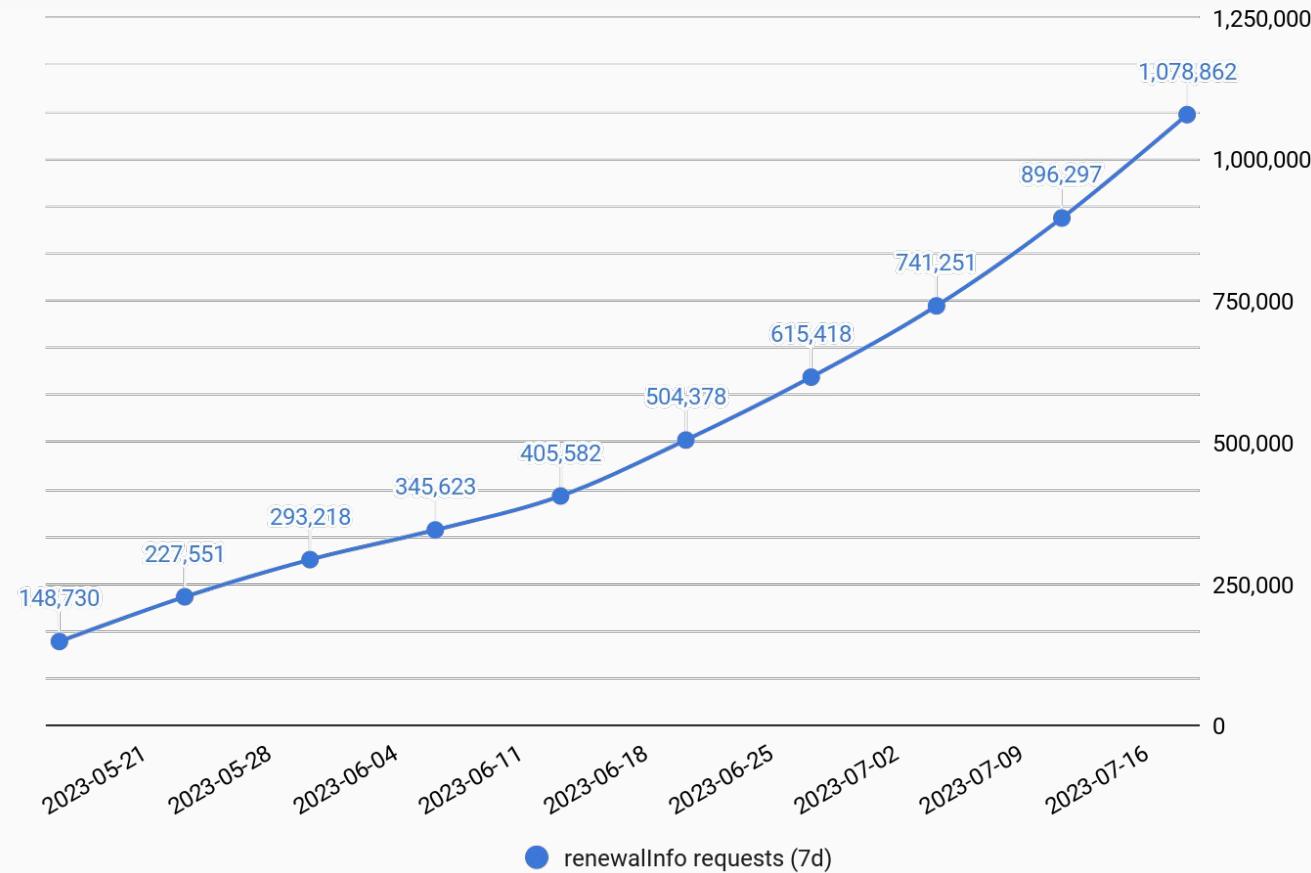
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IETF 117, 2023-07-24

- No changes to the draft specification
- Fully implemented by Let's Encrypt
- Fully implemented by Google Trust Services
- Under evaluation by Certainly (Fastly)

## Current Work

- Client adoption
  - eggsampler/acme (Go)
  - go-acme/lego (Go)
  - Let's Encrypt is contributing to multiple clients

# ARI Endpoint Usage



# Open Questions

- Construction of the unique certificate ID
  - OCSP CertID
  - base64url(Authority Key Identifier + Serial)
- Reducing request volume
  - Batch endpoint
    - GET
    - POST-as-GET
  - Include current CertID in newOrder requests
- Simplifying client logic
  - Single timestamp instead of window
  - Bypassing rate limits for renewals during window