Publication Server BCP
draft-timbru-sidrops-publication-server-bcp-02
Adopted!

Draft-ietf-sidrops-publication-server-bcp-00

- Adoption call in February
- Some comments received
- Adopted 20 July
- New version was uploaded
- Feedback from comments and some small bits in -01 edit buffer
Scope

- CA
- PUB
- SRV
- RRDP
- rsync
- RP

RFC 8181
Quick Highlights
RFC8181

• Different impact of outage/downtime compared to repositories

• Improvements to protocol out-of-scope
Quick Highlights

RRDP

- Make deltas and snapshot available before notification
- Bad feedback loop in case of low bandwidth (fallback to snapshots makes things worse)
- Use a CDN if you can!
- Avoid predictable file names (404 cache poisoning)
Quick Highlights

rsync

• Use symlink to directory with latest content
• Use deterministic timestamps for files
• Load balancing and testing
Quick Highlights

Single CA repositories

• RIR/NIR provided publication server is RECOMMENDED
Planned for -01

- Nits (in edit buffer)
- Document publication server restores
  - Really, really, really avoid if possible (minimise data loss)
- Contact publishers? (Manifests/CRLs expire)
- RRDP session reset
Likely out-of-scope

- RPKI content checks by server
- Quota
- Any other changes requiring updates to RFC 8181
Next steps...

- Publish -01
- Discuss
- Last call?