

Publication Server BCP

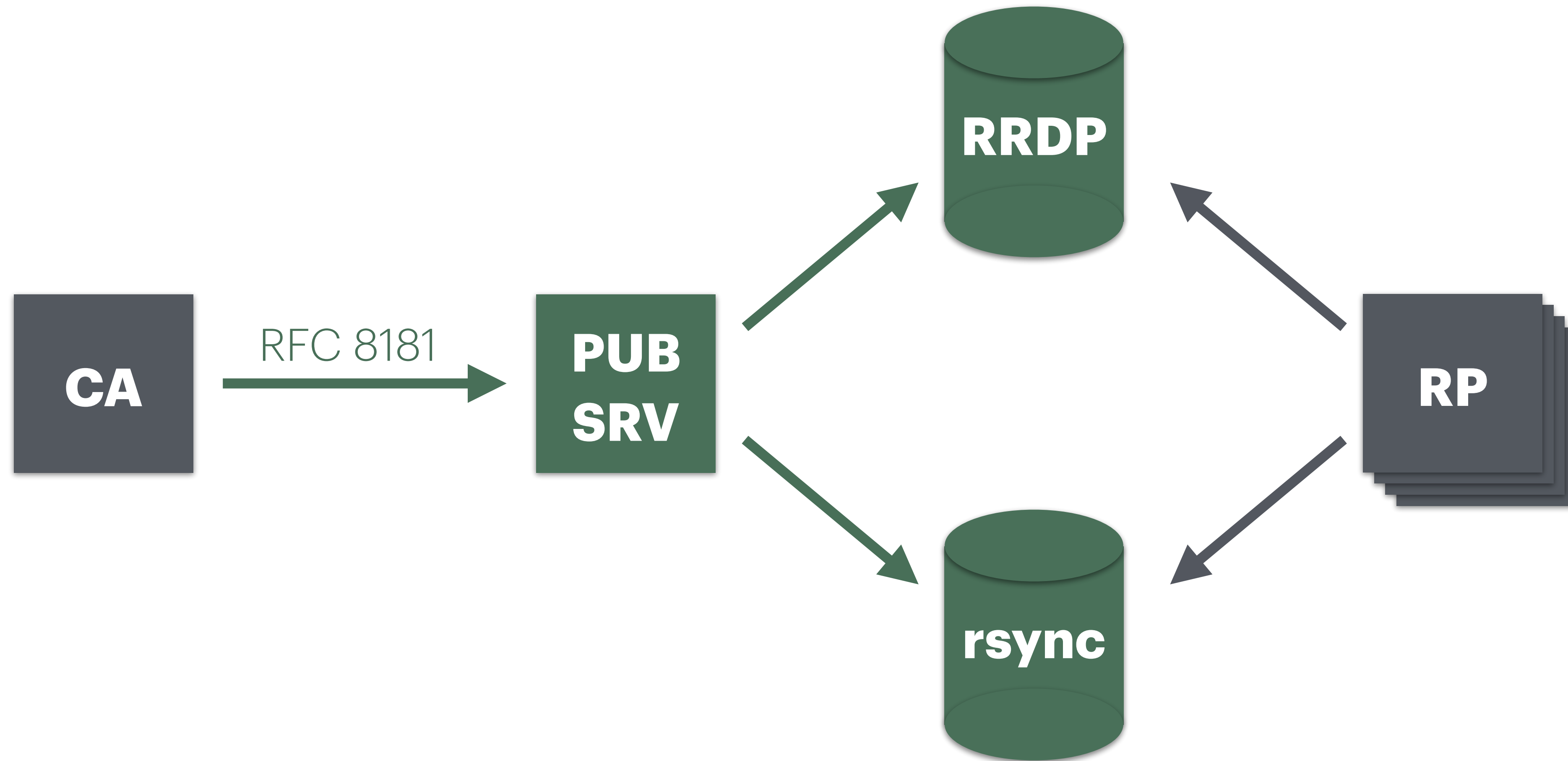
draft-timbru-sidrops-publication-server-bcp-02

Adopted!

Draft-ietf-sidrps-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



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?