

# RPKI Repository Documents

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Work in progress..



# Repository related documents

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- Validation using local cache
- Repository analysis
- Alternative delta protocol

We did not request WG adoption for any of these documents (yet)

In a nutshell, we are still doing our home work, but your comments are definitely welcome.

# Validation using a local cache

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- Informational
  - Seeking WG scrutiny
  - Standard to point to in validator release notes
- Proposes a way to decouple validation from object retrieval
  - Enables multiple publication/delta algorithms and multiple publication points
- Relies on manifests to be authoritative listings
  - Simplifies validation in general, less error prone!

# Repository Analysis

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- Structured document detailing the concerns we are aware of, and recommendations for improvements.
- Still fluid..

# Delta Protocol

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- Concrete proposal to do full dumps, deltas and notifications using http, and leveraging existing http CDNs
  - Want to a pilot implementation first
  - Want to do measurements similar to BBN's work on scaling rsync
  - Hope to report in Vancouver (pending other work..)

# Questions?

