

Alternative RPKI Repository Retrieval Mechanism

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ARRRM

- Details a mechanism and algorithm for a relying party to synchronize a local cache of RPKI objects against the collection of original publication points.

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- Uses HTTP
- Provides for HTTPS
 - Integrity about what a relying party is fetching (and from whom)
- Identifies an efficient algorithm for synchronization and RPKI validation of a local cache from an RPKI Repository Server (RRS)
 - Protocol agnostic
- Relies upon the latest Manifest draft

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- It provides
 - An additional fetch URI for the SIA field (remember SIA order is important)
 - An IETF based mechanism
 - An unambiguous algorithm for how relying parties should fetch and process objects from publication points

Thank you!

- And.. Should this be adopted as a WG item?