

RPKI Certificate Profile

Update for draft-ietf-sidr-res-certs-17.txt

Summary

- This document specifies a profile for:
 - resource certificates,
 - certificate revocation lists,
 - certificate requests, and
 - certificate validation

Status

- Moved algorithm and key size to the alg-draft
- Adoption of CRL Reason Codes was proposed
 - no visible WG support for such a change
- WG Last Call as a Proposed Standard
 - 1 comment in favour
 - no other comments so far
- Open Question: Does the issue of algorithm transition affect this draft?

RPKI Repository Structure

Update for draft-ietf-sidr-repos-struct-03.txt

Summary

- A profile for the distributed structure of RPKI repository publication points. This profile contains:
 - the contents of repository publication points for CA's and EE's,
 - repository object naming suggestions

Status

- No substantive changes in -03 draft
 - but numerous typos to be corrected in -04!
- WG Last Call as a BCP
 - 1 comment in favour
 - no other comments so far!

ROA Validation

Update for draft-ietf-sidr-roa-validation-03.txt

Summary

- This document describes the intended semantics of the application of a set of ROA objects to a route object, allowing both ROA publishers and Relying Parties to manipulate ROAs within the framework of a common semantic intent

Status

- Draft updated following WG comment at IETF 74 regarding choices in determination of “invalidity”
- Considerations of support for partial deployment of RPKI added (the text may require additional clarification as per WG ML comment)
- Does not recommend any specific changes to BGP – that role is left for a separate standards track document
- WG Last Requested as an Informational RFC

Trust Anchor Profile

Update for draft-ietf-sidr-ta-02.txt

Summary

- A profile for the publication of Trust Anchor material for the RPKI that allows the publication of long-lived cryptographic material that “wraps” a self-signed RPKI certificate

Status

- Algorithms moved to the alg-draft
- Diagram of the TA structure added