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