

... Validation ...

IETF94 - SIDR
morrowc/smurphy

Is the validation algorithm change worthwhile?

‘The current algorithm leads to a brittle system’

- o Mistakes in resource inclusion invalidate all children

- o The proposed change would not help users of the extraneous resources

- o The cert hierarchy could be less ‘clean’ as a result

(Certs no longer mean what they say)

Where does this change matter, which conditions?

When there are accidents of certificate creation/change

- o with a reduction / change in resources

- o NOTE: this does NOT fix

- o bad cert expiry time choices (expired before issued, expire 'too soon')

- o bad key choice for a signature (signed with test/dev key)

- o Giving a cert to the wrong end entity (sally gets bob's cert)

- etc

What other changes are required?

- o RFC6487 - must update 3779 relationship with respect to resources which are valid as opposed to 'all listed resources'
- o CP - amend to manage possible incongruent certificate data vs allocation data
- o ROA - relationship between ee-cert + prefix(es) - valid resources subset
- o ??? - Let's ask someone to review for other possible changes required, pls.

Who aside from current lead author will complete?

Is there an alternate RIR-type candidate who is already an author?

I can also wrangle the text

Geoff, pls send xml coordinates

Mailing list question

This document was adopted as a WG work item,
should we accept this change and complete the
work or not?