... Validation ...

IETF94 - SIDR
morrowc/smurphy
Is the validation algorithm change worthwhile?

‘The current algorithm leads to a brittle system’

- Mistakes in resource inclusion invalidate all children
- The proposed change would not help users of the extraneous resources
- 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
  - with a reduction / change in resources
  - NOTE: this does NOT fix
    - bad cert expiry time choices (expired before issued, expire ‘too soon’)
    - bad key choice for a signature (signed with test/dev key)
    - Giving a cert to the wrong end entity (sally gets bob’s cert)

  etc
What other changes are required?

- RFC6487 - must update 3779 relationship with respect to resources which are valid as opposed to ‘all listed resources’

- CP - amend to manage possible incongruent certificate data vs allocation data

- ROA - relationship between ee-cert + prefix(es) - valid resources subset

- ??? - 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?