DEPLOYMENT OF RECONSIDERED VALIDATION IN THE RESOURCE PUBLIC KEY INFRASTRUCTURE (RPKI)
draft-va-sidrops-deploy-reconsidered-01

ggm@apnic.net

March 19 2018

OVERVIEW

- You said "where is code"
  - "without code, no adoption"
- We solicited code
  - We now have code
- It wasn't clear if this is a flag day move
  - We think its mixed-mode
  - Draft has minor clarification words
- Where to next?

CODE

WITHOUT CODE NO ADOPTION

- Routinator has implemented this mode of validation

- RIPE NCC Validator has this mode of validation on backlog

- "another Validator under development" has this validation mode on backlog

- We have discussed this mode of validation with RPStir authors

- We have discussed this mode of validation with Dragon authors

IS THIS A FLAG DAY?

- A flag day appears untenable
  - Nobody wants to move to another mode entirely
- Instead, we should flag-day mixed-mode operation
- The OID determines the mode of validation in descent
  - Its top down: Parent sets what child says
    - Grandchild setting in the hand of child, not (this) parent
  - At each point of 3779 validation, about *this* certificate
    - Doesn't say what child uses, thats in child certificate

WHERE TO NEXT?

WHERE TO NEXT?

- We want to call for adoption

- We want to discuss this with a view to date-setting

  - wider code availability
  - test in use (parallel trees?)

- Let the community decide when to move

- The fundamental issue (risk to parent in over/underclaim) hasn't gone away

  - It isn't just our risk: its a community wide risk