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draft-manderson-sidr-usecases-01

IETF 76

# Background

- Request at IETF74 SIDR-WG for use cases:
  - Allow discussion to be on common terms/ understanding
  - A benchmark against current work
  - Clarify the question which RPKI answers
  - Aide authors in their design work
  - Help the WG to focus on the salient issues
  - Guide implementers in creating test cases
  - Allow new-comers to SIDR to quickly comprehend the problem space

# Thanks

- For reading the 00 draft and making comments
  - Curtis Villamizar
  - Danny McPherson
- For reading and reviewing the 01 draft
  - (your name could be here!)

# Raison d'être

- To list all use cases
  - currently observed
  - previously seen
  - possible(\*)
  - without bias
- (\*) as far as we can reasonably predict
- Try not to immediately jump to the answer, but ask:
  - Has this been done operationally?
  - Will it be done?
  - Does it fall under some form of abuse/attack scenario?

# Section Categories

- Five key sections (was 4!)
  - Origination use cases
    - Feedback requested
  - Adjacency use cases
    - Not in charter
  - Partial deployment use cases
    - Feedback requested
  - Transfer use cases \*NEW\*
    - Feedback requested
  - Relying party use cases
    - Feedback requested

# Changes since -00

- Tables of announcements for each item
- Clearer wording in places
- New in section 3
  - 3.10 Permitted aggregation and origination by an upstream
  - 3.11 Rogue aggregation and origination by an upstream
- New in section 5
  - Grandchild allocations

# Changes since -00

- New section
  - Transfer use cases
    - 6.1 Transfer of an in-use prefix and ASN
    - 6.2 Transfer of an in-use prefix
    - 6.3 Transfer of an un-used prefix

# Changes since -00

- New in Relying party use cases
  - Use cases related to ROA expiry or receipt of a CRL covering a ROA
  - Please review!



# Questions to the WG

- Are there other use cases that you would like covered?
  - remember “we don’t want to boil the ocean”
- There are many “TBC” sections that require interpretation of the existing drafts; do you:
  - Want the use-cases authors to complete these for WG review?
  - OR
  - Something else?

# Make this a WG item?

- The authors believe that this document should be a WG item. What do you think?
- There is certainly more work to be done. Happy to get feedback!