

# draft-ietf-sidr-arch-06

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# SIDR Arch -06

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- ❑ Changes since -04 (IETF 73):
  - Removed (most of the) trust anchor text  
(Pointer to draft-ietf-sidr-ta-00)
  - Removed (most of the) ROA usage text  
(Pointer to draft-ietf-roa-validation-01)
  - Attempted to clarify terminology
  - Changed text on Subject names  
(More on next slide)
  
- ❑ Thanks to Danny McPherson for a detailed review!



# Subject Names in Certificates

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## □ Recall:

- Subject names for RIR and NIR certs are meaningful
- Subject names for other certs are NOT meaningful
  - Certificate authorities in the RPKI do NOT make any assertions regarding identity!
- Subject names must be unique among all certification issued by a given certification authority

## □ Change:

- Previously, non-RIR/non-NIR Subject Names used only Common Name attribute
- Now, recommend the use of both Common Name and Serial attributes



# Resource Transfer between Regions

- ❑ Current text has example of how an RIR would delegate resources to another RIR
  - e.g., Early Registration eXchange (ERX)
  - could be used for future transfers (if RIR policy permits)
- ❑ Example illustrates how RIR “root” certificates need not be re-issued for transfer/exchange
- ❑ Discussion on Mailing List
  - Question: Is this example helpful?
  - Side Note:  
Should architecture draft discuss “Make Before Break” ?



# One slide on ROA format draft

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- ❑ Minor issue from last meeting:
  - Overlapping prefixes in ROA
  - E.g. 10.0.0.0/8 maxlength = 10  
10.1.0.0/16 maxlength = 16
  - Current text: Implicitly permits
  - Proposal: Explicitly permits
- ❑ Ready to issue a new version
  - Thanks to Danny McPherson and Roque Gagliano for review
  - Hopefully, ready for last call



Thank You

