Validation Reconsidered -06

Updates to ROA and BGPSec Router Certificate profiles
Update to RFC 6487 (RPKI certs)

• Now updating all of section 7.2
  - Thank you Steve for review

• Verified Resource Set - IP / AS

• No difference between CA and EE certificates
  - More consistent
ROA validity

- All prefixes MUST be contained in VRS-IP

- Recommendation to CAs:
  - Avoid fate sharing ROAs; create separate ROAs for different prefixes
BGPSec PKI profile updates

- All ASNs MUST be contained in VRS-AS

Recommendation to CAs:
- Avoid fate sharing; create separate BGPSec Router certificates for different ASNs

Authors suggested change
Different OID

- Ensures that all RPs behave the same way

RPs MUST support

CAs MAY use

CAs MUST use

on publication?

6 months?

12 months?
Questions