



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

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

RP's **MUST** support

on publication?



CAs **MAY** use

6 months?



CAs **MUST** use

12 months?



Questions

