

Validation Reconsidered -06

Updates to ROA and BGPSec Router Certificate profiles

Tim Bruijnzeels | 21 July 2016 | IETF96

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

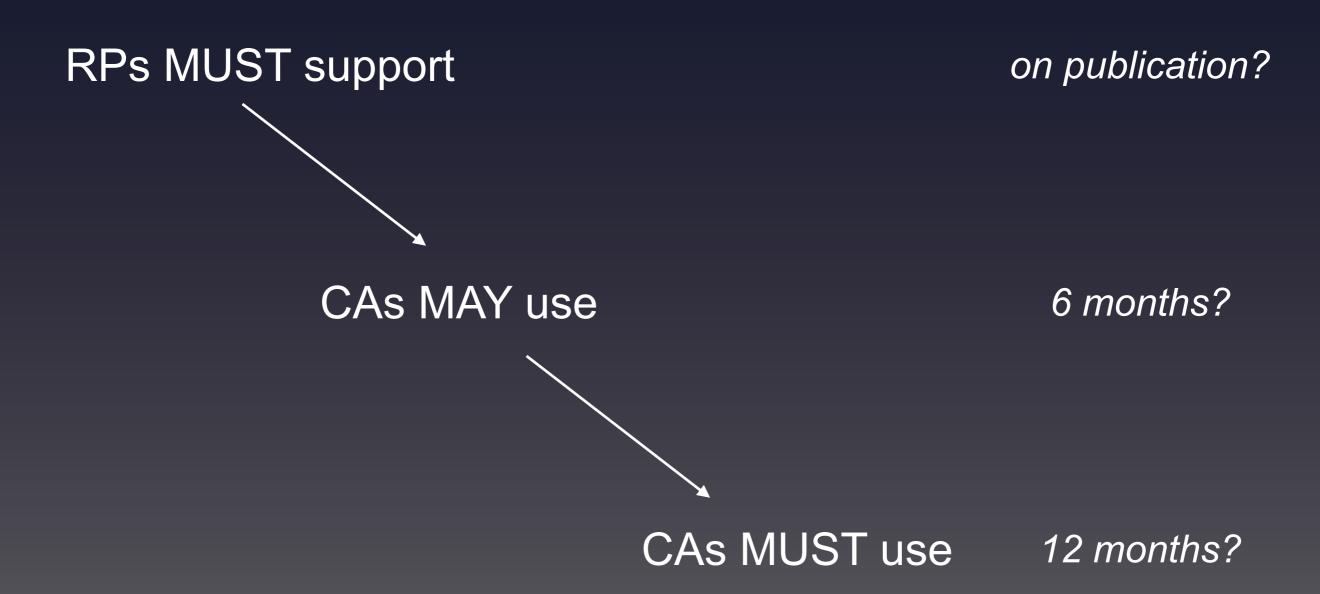
- Recommendation to CAs:
 - Avoid fate sharing; create separate BGPSec Router certificates for different ASNs

Authors suggested change

Different OID



Ensures that all RPs behave the same way





Questions

