

ROA Misconceptions

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People say
"Invalid ROA"

A ROA is Invalid
only if the signing
chain to the Trust
Anchor fails

The Validity of a ROA
has NOTHING to do
with a BGP
announcement

A ROA may or may not
cause a BGP
announcement to be
marked as Valid or
Invalid

AS Not Responsible

- ROA 1.2.3.0/24-24 AS42
- AS 42 has no responsibility for this ROA
- They did not consent, were not asked
- They may announce in BGP or not
- If it makes your announcement Invalid
 - Fix the ROA to have the correct AS, or
 - Add a new ROA with the correct AS
- It takes one ROA to make a route Valid