

# RPKI Beacons

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# RPKI Beacons != BGP Beacons

## Existing: BGP Beacons

- Announce and withdraw IP prefix at predefined time intervals

## Proposal: RPKI Beacons

- Publish and revoke *RPKI objects* at predefined time intervals

# Why Do We Need RPKI Beacons?

- BGP Beacons help to
  - Monitor BGP
  - Analyze deployment of invalid filtering (in combination with ROA)
- RPKI Beacons might help to monitor consistency of RPKI repositories

# Details About RPKI Beacons

- Each CA operates at least one RPKI beacon
- In addition to the beacons, an anchor is published
  - We might use existing objects for RPKI-enabled BGP beacons (e.g., RIPE)

# Open Questions

- Which RPKI objects should we use as beacons?
  - ROAs, Certificates?
- Which time interval?
- Interested in this topic?