# RPKI Notes

Refer to RPKI-Based Policy Without Route Refresh for context.

Basically BGP implementations should/must not send a route refresh when receiving updated RPKI data, and are recommended instead to retain the prefix marked as invalid should the future RPKI state change.

Also presented at RIPE 83 for additional background and context.

## ROV

| Implementation | Adj-RIB-In | ROV behaviour | Notes |
|---|---|---|---|
| Cisco IOS-XE | No | VRP update triggers a route-refresh | Workaround is to turn on “soft-reconfiguration in” |
| Cisco IOS-XR | No | VRP update triggers a route-refresh | Workaround is to turn on “soft-reconfiguration in” |
| Juniper JunOS | Default | VRP update handled locally | Adj-RIB-In can be turned off by “set protocol bgp group keep none” as described here |
| Bird 2.0.8 | ? | handles VRP updates locally | “rpki reload on” is default in 2.0.8 as described here |
| Arista EOS | Default | VRP updated handled locally | Adj-RIB-In can be turned off |
| FRR 8.1 | ? | ? | ? |

Back to Home page

From:
https://bgp4all.com/pfs/ - **Philip Smith's Internet Development Site**

Permanent link:
**https://bgp4all.com/pfs/rpki?rev=1637797373**

Last update: **2021/11/24 23:42**