

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	?	?	?

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