

RPKI

RPKI is a certification system that network operators can use to establish that they are the legitimate holders of specific IP resources.

As such, it plays an important role in BGP security, since it allows network operators to determine the authenticity of BGP announcements and route accordingly. As a Certification Authority, the RIPE NCC issues these certificates to resource holders and guarantees their authenticity.

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IN 2023

We achieved full coverage of the critical parts of our application with end-to-end and API tests.

We deployed monitoring and fallback RRDP infrastructure outside AS3333.

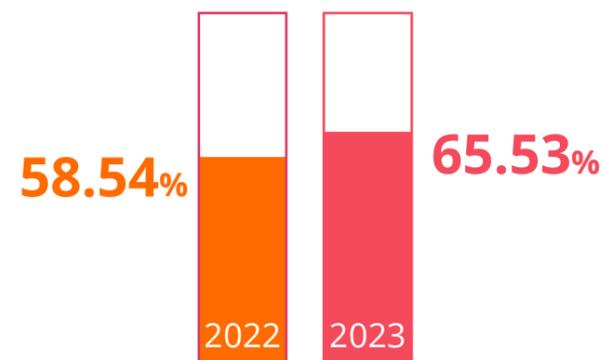
We increased our rsync capacity by building and deploying rsync infrastructure that uses RRDP as a source of truth.

We migrated all our virtual machine infrastructure to a newer operating system.

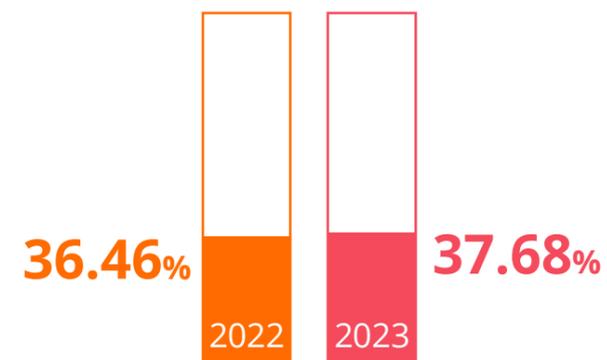
We built a new RPKI dashboard based on user feedback that is now undergoing user tests.

We prepared and tested a migration to new online HSMs (to be deployed in Q1 2024).

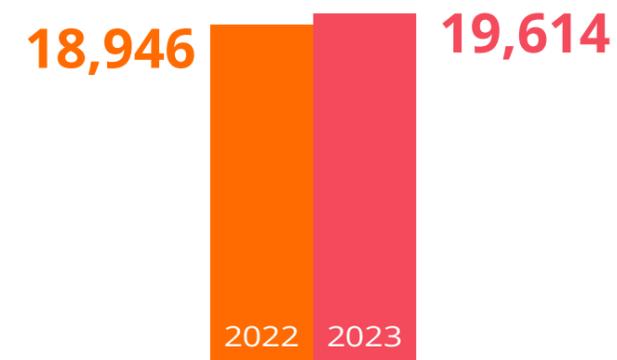
ROA COVERAGE - IPv4



ROA COVERAGE - IPv6



RPKI CERTIFICATES



ROAs

