

RIPE Routing Information Service

ThousandEyes, like many other organizations, uses the RIPE Routing Information Service (hereafter RIS) to improve operations in our networks. RIS is a RIPE NCC service. With the help of network operators all over the world, RIS employs a globally distributed set of Remote Route Collectors (RRCs), typically located at Internet Exchange Points, to collect and store Internet routing data. Volunteers peer with the RRCs using the BGP protocol and RIS stores the update and withdraw messages. RIS data can be accessed via:

- RIPEstat, the “one-stop shop” for all available information about Internet number resources. RIPEstat uses individual widgets to display routing and other information;
- RIS Live, a real time BGP streaming API allowing server-side filtering of BGP messages by prefix or autonomous system;
- RIS Raw Data, available for each route collector, with state dumps and batches of updates made available periodically;
- RISwhois, that searches the latest RIS data for details of an IP address using a plaintext “whois”-style interface. It is useful when querying RIS data using scripts.

For more information, please visit RIPE NCC’s website: <https://www.ripe.net/ris>