



RIPE NCC
RIPE NETWORK COORDINATION CENTER

RIPE NCC Tools Update

RIPEstat, RIS, RIPE Atlas



RIPE NCC Internet Measurements Tools

- **RIPE Atlas** for active Internet measurements (data plane)
- **DNSMON** for DNS root, TLD measurements and visualisations
- **RIS** for BGP data collection (control plane)
- **RIPEstat** for insights and visualisations on IPs and ASNs



RIPEstat



RIPEstat changes since last meeting

Part of the team is at the RIPE meeting and wants your input on both the user interface and data. Come and visit us in the common area!

- Release of a new UI that is a middle ground between the two previous UIs.
- Modernisation of deployment and application code
- First renewed user-facing feature: [looking glass](#)



RIS



What are we working on for RIS

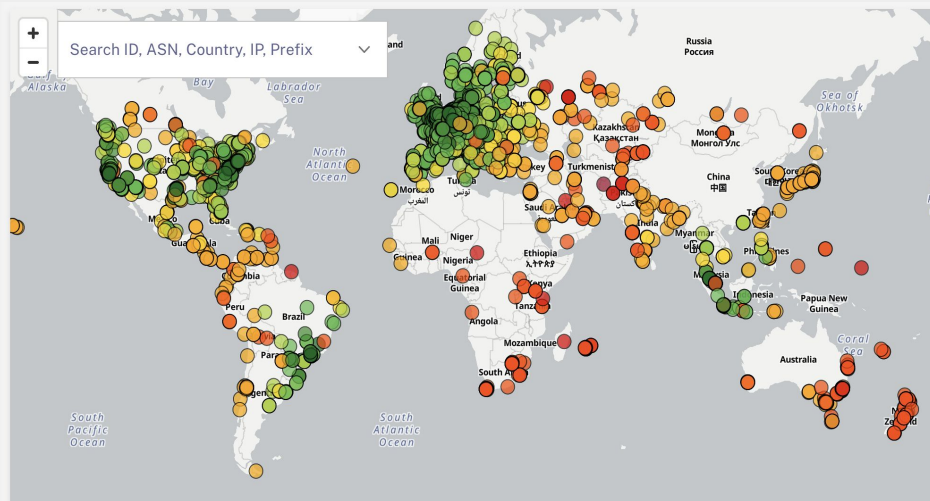
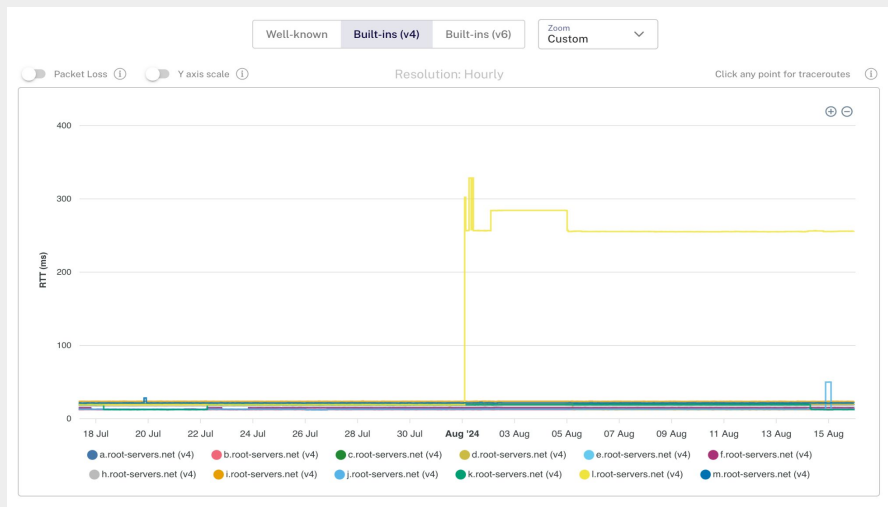
- We still have a selective peering policy to control the growth rate of the long-term archive. The goals are to:
 - cover under-covered geographical areas
 - validate how feasible is remote peering to prevent increasing the number of route collectors
 - target IXP route-servers
- We have improved monitoring for noisy peers and (temporarily) de-peer during incidents
- We are documenting dataset artifacts and will include those in the documentation
- Working on an new solution for storing RIS / RIPEstat historical data



RIPE Atlas

Lots of changes in the UI - and still more to come

- All major functions have been modernised (measurements, probes, maps, dashboard, credits, keys, preferences, ...)
- More to come: supporting functions, special features (DomainMON, LatencyMON, TraceMON)





Less visible back-end changes

- Work on upgrading the infrastructure is ongoing
 - We expect this winding down in Q2
- Improving support and offerings for RIPE NCC members and particular use cases
- More user-requested features and improvements

Probe measurement code (“firmware”)

- Binary packages are now available for Raspberry Pi OS (as of v5110)

Questions & Comments



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