



RIPE NCC
RIPE NETWORK COORDINATION CENTRE



RIPE Atlas Anchors

atlas.ripe.net/anchors

About RIPE Atlas Anchors

RIPE Atlas anchors play an integral role in the RIPE Atlas network by acting both as enhanced RIPE Atlas probes with more measurement capacity, as well as regional measurement targets within the greater RIPE Atlas network.

Anchors are able to perform many more measurements than a regular RIPE Atlas probe, and the large amount of data they collect is made available to everyone. In addition, anchors act as powerful targets that can handle a large number of measurements originating from nearby probes in the RIPE Atlas network. As such, RIPE Atlas anchors provide valuable information about the local and regional connectivity and reachability of the Internet. RIPE Atlas anchors also form the backbone of data collection for other RIPE NCC services, including DNSMON.

HOST AN ANCHOR

We are interested in deploying RIPE Atlas anchors as widely as possible, and you do not have to be a RIPE NCC member to host an anchor. You can find a map of all current anchors online, along with a complete list including the host organisations.

Map of RIPE Atlas anchors:

atlas.ripe.net/anchors/map/

List of RIPE Atlas anchors:

atlas.ripe.net/anchors/list/

BENEFITS

- Anchor hosts gain access to the results of anchoring measurements (ping, ping6, traceroute, traceroute6) scheduled by the RIPE NCC towards your anchor from all the other anchors and several hundred probes,

providing a continual overview of regional reachability

- We promote anchor hosts by displaying their logo on our Community page
- Anchor hosts earn ten times as many credits as regular probe hosts, which they can use to perform their own customised measurements, gaining valuable information about the health of their own networks

REQUIREMENTS

The anchor is designed to be installed in a highly-available network and physical environment in order to operate as a stable measurement device and target. It is not suitable for use in a home network.

Organisations are responsible for purchasing and maintaining the necessary hardware. The RIPE NCC provides the software and firmware in order to connect the hardware to the RIPE Atlas network. The anchor consists of:

- Soekris Net6501-70 board
- 1U 19-inch rack-mounted case
- Intel SSD 525 series 240GB mSATA SSD

APPLY NOW

You can find all the requirements for hosting an anchor, and the steps for applying, online:

atlas.ripe.net/anchors



Learn more on RIPE Labs: labs.ripe.net/atlas



Questions? atlas@ripe.net



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