

RIPE Atlas - Note Well

Dear RIPE Atlas Probe Host,

Thank you for your interest and support in our new active measurements network – RIPE Atlas!

Please take a minute to read the following RIPE Atlas Host Guidelines before receiving your probe.

Powering your probe

The probe is powered by USB. You can use the complimentary RIPE NCC USB charger that came with your meeting pack, or any other USB charger (or USB port).

Keeping your probe running

We prefer that hosts keep their probes running 24/7, though it can be unplugged at any time.

Unplugging your probe

If you need to unplug the probe, please unplug the USB connector to save energy and to ensure that the probe starts up correctly when you plug it in again. If you intend to unplug the probe for more than a week, please let us know at atlas@ripe.net.

Configuring your probe

The probe is configured to take measurements from a globally routed IP address or from behind a normally configured NAT.

The probe does not accept any incoming connections, so there is no need to set up incoming port forwarding, if behind a NAT.

IPv4 via DHCP

The probe needs to receive an IPv4 address via DHCP. We do not provide static configurations at this time. The probe will also need to learn the IPv4 addresses of the default router and DNS resolver via DHCP.

IPv6

If you have IPv6 connectivity and offer global addresses via router advertisements (e.g. radvd) the probe will try to auto-configure using RA. The probe currently does not support DHCPv6.

Open-access to the Internet

We prefer that the probe has open access to the Internet as much as possible. The bare minimum is for DNS (UDP/53), HTTPS (TCP/443), NTP (UDP/123), ping (ICMP echo/reply) and traceroute traffic to go through.

Probe status & measurement results

In order to get access to the probe status and measurement results you need to do two things: register as a RIPE Atlas user and then link the probe to your RIPE Atlas user account. In order to link the probe to your account, you will need to know the probe's MAC address (printed below the barcode of the probe), and a PIN code, which we will mail to you. We advise you to write down the MAC address before you install the probe in any hard-to-reach location.

Visit <https://atlas.ripe.net/getting-started> to find more useful information about setting up your RIPE Atlas probe

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RIPE Atlas Team