



MIRA Pod – Call for Hosts

The Project

The [MIRA \(Measuring Internet Resilience in Africa\)](#) is a joint initiative between [AFRINIC](#) and the [Internet Society](#). The aim is to collect and analyse relevant Internet “health” information to determine current levels of Internet resilience in African countries.

To achieve the above, we need to improve the Internet measurement infrastructure in Africa by increasing the number of measurement vantage points (MIRA Pod) active in Africa.

As such, AFRINIC and ISOC would like to invite volunteers to host a MIRA Pod, which is a Raspberry Pi 4 device, on which the following systems are installed:

- [Balena OS](#): it is an operating system that allows remote control of the MIRA Pods
- [M-Lab Murakami](#): A software tool that performs speed test measurements
- [RIPE Atlas software probe](#): A software probe that performs ping, traceroute, DNS, SSL, etc. measurements.

By hosting a MIRA Pod, you will help expand the global network of Internet measurement platforms, and you can benefit from quality information for research and policymaking.

Data usage

The MIRA Pod will perform speedtest and other types of measurements (ping, traceroute, etc.) six times per day and will consume a minimal amount of data. The measurements will not impair the performance of your network.

Privacy considerations

- Notwithstanding your privacy settings, this experiment will collect the public IP address of the MIRA Pod. It will not be included in aggregated MIRA data to appear on the Internet Society [Pulse Dashboard](#).
- The MIRA Pod is an active measurement tool that does not carry any passive measurement. It means that it **will not** collect, inspect or analyse any ongoing traffic on the network.

Contact information

For any queries, please send us an email at [<mira_at_afrinic_dot_net>](mailto:mira_at_afrinic_dot_net)