

nBox Netflow

NetFlow™ v5/v9/IPFIX Probe



The ability to characterize IP traffic is critical for network availability, performance and troubleshooting. nBox offers a scalable, manageable and reliable solution to provide the necessary data and information to optimize and troubleshoot your network.

nBox NetFlow is a NetFlow v5/v9/IPFIX Probe able to analyze multi-Gbit networks at full speed, up to 100 Gbit, or collect and export NetFlow flows generated by border gateways/switches/routers. It also includes a user-friendly web-based collector and traffic analyzer, ntopng.

It can be effectively used to:

- analyse NetFlow™ flows generated by your border gateway or, generally, by your NetFlow™ enabled device.
- replace the embedded, low-speed, NetFlow™ probe available on your router.
- analyse full-speed multi-Gbit network trunks with no packet loss and delay.
- as a NetFlow™ probe to send flows towards one or more collectors (ntopng or any NetFlow™/IPFIX collector).

nBox relies on OpenSource high-performance technologies for capturing and processing traffic, including the PF_RING framework, delivering line-rate packet capture up to 100 Gbit/s.

nBox is easy to set-up and thanks to its web-based user interface it is immediately ready to use with little configuration efforts. Improvements, new features, and software updates are periodically released by the nBox team and immediately available upgrading the box via Internet using the web interface.

Key Features

- High-performance embedded NetFlow™ v5/v9/IPFIX probe.
- Embedded NetFlow™ v5/v9/IPFIX collector.
- IPv4, IPv6, MPLS, GTP, GRE support.
- Easy to set-up and configure using a web user interface.
- No additional delay in both mirrored traffic and existing network.
- Multiple collector mode for load balancing or redundancy.
- Firmware and packages upgrade via Internet
- Ability to dump NetFlow™ flows on-disk.
- Optional Hard-Disks for permanent storing of traffic flows.
- Ability to export flows to ClickHouse, Apache, Syslog, MySQL/MariaDB, Splunk, Kafka and ElasticSearch.
- Over 250+ Application protocols recognized by the nDPI library, including email, multimedia, messaging, p2p.
- Integration with ntopng for the exploration of realtime and historical traffic information using a web-based user interface.
- Appliance available in 1U form factor.

About ntop

The ntop project was started in 1998 as an opensource network monitoring tool by Luca Deri. With more than 15 year spent in R&D in the networking world, the nTop team, still leaded by the project founder, is now a reference in packet capture and analysis community.

