nBox Netflow

NetFlow™ v5/v9/IPFIX Probe

nBox is a flow-based network traffic analyser capable of Cisco NetFlow™ data export and analysis. The ability to characterise 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 optimise and troubleshoot your network. nBox includes both a NetFlow™ v5/v9/IPFIX probe (nProbe) and a collector (ntopng).
It can be effectively used:

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

nBox has been developed on Linux, and thanks to an optimised kernel module (PF_RING) significantly improves the packet capture process on 1 and 10 Gbit networks.
nBox is able to monitor network trunks at full speed without the requirement of special and expensive hardware accelerated network card.
nBox is easy to set-up and thanks to its embedded and intuitive web GUI it is immediately ready to use with little configuration effort. Improvements and/or software updates released by the nBox team are immediately available as upgrade via Internet using a simple 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.
- No additional delay in both mirrored traffic and existing network.
- User friendly web GUI for nProbe and ntopng.
- Multiple collector mode for load balancing or redundancy.
- Firmware and packages upgrade via Internet
- All software reside on flash disk.
- Optional Hard-disk for permanent storing of traffic flows.
- Ability to dump NetFlow™ flows on-disk or on Database Server.
- Over 130+ Application protocols recognised by DPI library including email, messaging, P2P, Skype, Citrix.

Who is nTop

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. Mainly known as software developer, nTop team provides also custom solution to customers who is requesting nTop networking expertise.

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