



Network monitoring solutions



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.

Products:

nProbe

An Extensible NetFlow™ v5/v9/IPFIX GPL Probe for IPv4/v6

nProbe has been designed as an engine that processes packets and computes basic statistics, and plugins that extend the core with additional capabilities. Each plugin dissects a specific traffic (e.g. HTTP, GTP, DNS, SMTP, MySQL, Oracle, SIP, etc) to provide enhanced specific statistics. In addition to this nProbe detects hundreds of protocols thanks to the ntop-maintained nDPI library.

ntopng

High-Speed Web-based Traffic Analysis and Flow Collection.

With the experience of more than 10 years of its previous version, ntopng is the next generation of the original ntop, a network traffic analyser that shows the network usage, similar to what the popular "top" Unix command does. Users can discover and analyse their network traffic just by surfing ntopng web based interface and get a dump of the network status.

n2disk

A multi-Gigabit network traffic recorder with indexing capabilities.

With n2disk™ you can capture full-sized network packets at multi-Gigabit rate (above 10 Gigabit/s) from a live network interface, and write them into standard PCAP files without any packet loss.

disk2n

A 10 Gigabit network traffic (re)player.

disk2n is able to replay network traffic previously captured with n2disk on live networks observing the original inter-packet time. disk2n supports the industry standard PCAP file format (with both regular and nanosecond timestamps).

nDPI

Open and Extensible LGPLv3 Deep Packet Inspection Library.

nDPI is a ntop-maintained superset of the popular OpenDPI library. Released under the LGPL license, its goal is to extend the original library adding newer and modern protocols available just purchasing commercial DPI library. nDPI is used by both ntopng and nProbe to add application-layer information for the detected protocols

PF_RING

High-speed packet capture, filtering and analysis.

PF_RING is a framework that dramatically improves the packet capture speed. It allows user to achieve 1/10 Gbit line rate packet processing (both RX and TX) at any packet size. It implements zero-copy operations including patterns for inter-process and inter-VM (KVM) communications.

