Network Traffic Analysis
Rack Mountable NTA Solutions

RACK MOUNTABLE NTA SOLUTION

The Wasabi Networks Rack Mountable NTA products consist of a series of products supporting different network speeds and different storage capacities.

The NTA product range can assist in learning, understanding, and monitoring what is going on with the most critical parts of an organizations infrastructure.

The NTA feature set can help diagnose problems quickly and ensure uptime of customer-facing, web pages or services. This is of critical importance to all businesses in the new sharing economy.

The Wasabi Networks NTA products are fully integrated products that are ready to use, with all the hardware and software needed to capture and analyze network traffic.

The NTA products are also able to replay captured packets or uploaded PCAP files with the exact same timing as when the packets were captured.

The replay timing can also be modified to whatever network speed needed and the same is true for controlling test duration.

FEATURE HIGHLIGHTS

- Full line-rate packet recording[1]
- Sustained 40 Gbps to disk[2]
- Utilizing Napatech FPGA NICs[3]
- Secure HTTPS based GUI
- Online help for all functionalities
- Packets are indexed for fast retrieval
- Advanced filtering and slicing
- Live dashboard with graphs
- Fast data retrieval to advance packet and flow analysis[4]
- Export of packets in PCAP format[5]
- Graph and table data can be exported as CSV files[6]
- Replay of captured packets[7]
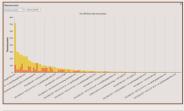- Full control of replay speed and replay duration

BENEFITS

- Working out of the box[8]
- Fully tested HW and SW solutions
- Single vendor solution
- Easy and intuitive user interface
- Simultaneously capture and analyze
- Affordable high quality systems
- No extra costs for software or maintenance licenses
- High performance and fully reliable capture and analysis

NTA GUI

The Wasabi Networks NTA products use secure HTTP based GUI which is accessed via the NTA management network interface from a standard web browser. The GUI is easy and intuitive with online help for all functionalities. The information displayed is highly configurable.

The NTA GUI is divided into five pages:

- **Dashboard** which shows live data about traffic load, packet sizes, capturing / filtering / slicing statistics and much more.
- **Analysis** is used to analyze captured data and can analyze selected packets / flow and show various graphs and tables for the selected packets.
- **Transmit** is used for transmission of captured packets. There are many options for how fast packets should be transmitted and for how long.
- **Management** is used for configuration of users, capture setting, and more.
- **Help** is providing online help on all NTA functionalities.

More information about the NTA GUI can be found at the Wasabi Networks website www.wasabiNetworks.com/gui.

NOTES:
1. For packet sizes from 64 bytes to 10000 bytes.
2. 40 Gbps for NTA40 model, 20Gbps for NTA20, 8 Gbps for NTA8 and 4 Gbps for NTA4.
3. The Napatech FPGA NICs provide hardware time stamping of captured packets with nano-second precision and enable zero packet loss capture event at line-speed.
4. As captured data is written to disk advanced indexes are built that enable very fast retrieval of relevant packets and flows.
5. A number of standard tools support import of packets in PCAP format.
6. CSV files can be imported into Excel and similar programs for further analysis.
7. Uploaded PCAP files can also be replayed.
8. The NTA products include all the hardware and software needed for monitoring, analyzing, and testing networks.

WASABI Networks

AVAILABLE CONFIGURATIONS

Model	Network Ports	Recording Speed	Size	Disk Space	Minimum Retention Time[1]	Part Number
NTA4-1[2]	4 x SFP	4 Gbps	1U	6 TB	2 hours 8 minutes	A-2-1-1.4-10.600
				12 TB	4 hours 16 minutes	A-2-1-1.4-10.1200
				24 TB	8 hours 32 minutes	A-2-1-1.4-10.2400
NTA4-4[3]	4 x SFP	4 Gbps	4U	144 TB	2 days 8 hours 53 minutes	A-2-4-1.4-18.8000
				288 TB	5 days 53 minutes	A-2-4-1.4-36.8000
				432 TB	7 days 13 hours 20 minutes	A-2-4-1.4-36.12000
NTA8-4[4]	8 x SFP	8 Gbps	4U	10 TB	1 hour 46 minutes	A-2-4-1.8-10.1000
				72 TB	14 hours 13 minutes	A-2-4-1.8-18.4000
				288 TB	2 days 12 hours 26 minutes	A-2-4-1.8-36.8000
				432 TB	3 days 18 hours 40 minutes	A-2-4-1.8-36.12000
NTA20-1[5]	2 x SFP+[7]	20 Gbps	1U	9.6 TB	40 minutes	A-2-1-10.2-10.960
				19.2 TB	1 hour 21 minutes	A-2-1-10.2-10.1920
				38.4 TB	2 hours 43 minutes	A-2-1-10.2-10.3840
NTA20-4[5]	2 x SFP+[7]	20 Gbps	4U	36 TB	3 hours 1 minute	A-2-4-10.2-36.1000
				144 TB	12 hours 5 minutes	A-2-4-10.2-36.4000
				288 TB	1 day 10 minutes	A-2-4-10.2-36.8000
				432 TB	1 day 12 hours 16 minutes	A-2-4-10.2-36.12000
NTA40-2[6]	4 x SFP+[7]	40 Gbps	2U	15.7 TB	35 minutes	A-2-2-10.4-16.960
				30.7 TB	1 hour 11 minutes	A-2-2-10.4-16.1920
				61.4 TB	2 hours 23 minutes	A-2-2-10.4-16.3840
NTA40-4[6]	4 x SFP+[7]	40 Gbps	4U	36 TB	1 hour 30 minutes	A-2-4-10.4-36.1000
				144 TB	6 hours 2 minutes	A-2-4-10.4-36.4000
				288 TB	12 hours 5 minutes	A-2-4-10.4-36.8000
				432 TB	18 hours 8 minutes	A-2-4-10.4-36.12000

NOTES:
1. Minimum retention time when network data is captured at line-speed on all available networks and no packets discarded by filters or sliced.
2. 2 x Intel Xeon CPU, 48GB DRAM, 2 x 1 Gbps electrical management ports (RJ45), Redundant hot-swap power supply.
3. 2 x Intel Xeon CPU, 48GB DRAM, 2 x 10 Gbps electrical management ports (RJ45), Redundant hot-swap power supply.
4. 2 x Intel Xeon CPU, 96GB DRAM, 2 x 10 Gbps electrical management ports (RJ45), Redundant hot-swap power supply.
5. 2 x Intel Xeon CPU, 192GB DRAM, 2 x 10 Gbps electrical management ports (RJ45), Redundant hot-swap power supply.
6. 2 x Intel Xeon CPU, 384GB DRAM, 4 x 10 Gbps electrical management ports (RJ45), Redundant hot-swap power supply.
7. Support for dual speed SFP+ module

All Wasabi Network rack mountable NTA solutions have 3 years of hardware warranty and 12 months software support maintenance. The 12 months of software maintains include free software and feature updates. The hardware warranty and software maintenance can be extended.

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For more information please checkout our website www.wasabiNetworks.com or send us an email at info@wasabiNetworks.com

ABOUT WASABI NETWORKS
The mission for Wasabi Networks is to make high quality, affordable and easy to use Network Analysis, Network test and Network security products. Wasabi Networks headquarter is located in Copenhagen, Denmark.