Changelog

5.2.0

January, 2024

NETFLOW ANALYZER

- Until NetVizura 5.2, data were aggregated in 5-minute intervals. Now, we have reached a huge milestone – besides 5-minute it is possible to have data aggregated in 1-minute intervals. Henceforth you can monitor your traffic near real-time. Set up your desired data aggregation interval by following instructions on the page Data aggregation interval
- Elasticsearch database becomes the main database. To learn more about its strengths and benefits, visit Elasticsearch
- We have developed the Migration tool, an instrument for the swift transfer of data from PostgreSQL to Elasticsearch. Find out more on the following page NetVizura Data Migration
- Charts and tables offer the functionalities you already use, however, they are now more modern, visually appealing and interactive

> ⓘ Data migration is only required if you are using previous versions of NetVizura (NetVizura 4.7.4 and older). Once you complete data migration, it is **not possible to migrate data back** to NetVizura 4.x version.
>
> **IMPORTANT NOTE:** If you have both NetFlow Analyzer and EventLog Analyzer modules, please contact support@netvizura.com before clearing data from PostgreSQL.

GENERAL

- Further improvements to Dashboard
- Minor bugfixes were made.

5.1.0 Beta

August, 2023

GENERAL

- CentOS 9 distribution is now supported
- Debian 11 distribution is now supported
- Ubuntu 22 distribution is now supported
- Many existing NetFlow Analyzer functionalities have been transitioned to modern technologies compared to NetVizura 5.0 Beta
- Dashboard Beta is now main dashboard, and it is no longer in beta phase
- Minor bugfixes were made

4.7.4

February, 2023

GENERAL

- Although **we were not affected** by Log4Shell vulnerability, we have updated the latest version of Log4j (Apache Log4j 2.19.0)
- Further improvements of Dashboard Beta and Elasticsearch NoSQL database implementation have been made (optional)
- Minor bugfixes were made

4.7.3

GENERAL

- NetVizura now includes localization. Besides English, now you can use our products in Italian as well. If you are interested in using NetVizura in your native language, please do not hesitate to contact sales@netvizura.com
- Ubuntu 20.04 LTS distribution is now supported
- Further improvements of Dashboard Beta and Elasticsearch NoSQL database implementation have been made (optional)
- Minor bugfixes were made

NETFLOW ANALYZER

- Minor bugfixes were made

4.7.2

December, 2020

NETFLOW ANALYZER

- There is an option to export report containing the isolated Top Talker analytics
- Minor bugfixes were made

GENERAL

- Debian 10 and CentOS 8 distributions are now supported
- CentOS 6 has reached EOL in November, therefore this version is no longer supported. The same goes for Debian 8 as it has reached EOL in June this year
- Dashboard Beta Reports are now available
- Further improvements of Dashboard Beta and Elasticsearch NoSQL database implementation have been made (optional)
- Minor bugfixes were made

> ⊙ **IMPORTANT NOTE:**
>
> Dear customers,
>
> Due to the improvements made on the sFlow traffic sampling, there is a possibility that your number of flows per second would increase. Should the described situation occur and you experience some licensing issues, please contact our Support team (support@netvizura.com).
>
> Sincerely yours,
>
> NetVizura team

4.7.1

August, 2020

NETFLOW ANALYZER

- There is an option to rename interfaces
- Minor bugfixes were made

EVENTLOG ANALYZER

- Minor bugfixes were made

GENERAL

- New version of dashboard, Dashboard Beta, that can be customized based on your particular needs (optional)
- Elasticsearch NoSQL database has partially replaced PostgreSQL database (optional)
- Minor bugfixes were made

4.6.6

November, 2019

NETFLOW ANALYZER

- There is an option to enable/disable Reverse DNS
- Optional bidirectional flow filtering in Raw Data
- Minor bugfixes were made

EVENTLOG ANALYZER

- Alarm Settings are improved
- Minor bugfixes were made

GENERAL

- Windows 2019 server is now supported
- VmWare Installer is now available
- Minor bugfixes were made

4.6.5

April, 2019

EVENTLOG ANALYZER

- Minor bugfixes were made

4.6.4

March, 2019

NETFLOW ANALYZER

- There is an option now to disable Whois lookup for All Traffic Internal Addresses
- Default time for sending scheduled reports has been changed (from 4am to 8am)
- Multi-select option for exporters in the sampling settings is now introduced
- Minor bugfixes were made

EVENTLOG ANALYZER

- Group alarms with the condition based on number of messages in unit of time, are now available
- E-mail alerts for activation and deactivation of group alarms are enabled
- Minor bugfixes were made

GENERAL

- Debian 9 and Ubuntu 18.04 are now supported
- It is now possible to manually add devices in settings
- Minor bugfixes were made

4.6.3

August, 2018

NETFLOW ANALYZER

1. Conversations are now showing the initiator/responder traffic

2. AS tab has an ANS resolution with Whois information and country flag, when you hover the AS
3. Discard interface (0) is now renamed to Null, for easier understanding
4. Minor bugfixes were made

GENERAL

1. Live Demo is updated with the latest version
2. Minor bugfixes were made

4.6.2

February, 2018

NETFLOW ANALYZER

1. Report branding (custom logo, description and link) is provided
2. Palo Alto devices are supported
3. sFlow compact format is supported
4. User type is visible in users overview

GENERAL

1. System notifications and reports are now emailed at 8 AM, instead at 4 AM
2. Minor bugfixes were made

4.6.1

September, 2017

NETFLOW ANALYZER

1. Grouping exporters by custom tag is now possible (e.g. core, edge, locations, data center, etc.), which enables separate monitoring and reporting
2. Predefined calendar periods (last day, last week and last month) were added for more intuitive use and precise comparison
3. Minor design improvements were made
4. Visual traffic image bugfix is provided
5. sFlow bugfix is provided

EVENTLOG ANALYZER

1. Minor bugs with filtering are now fixed

GENERAL

1. Email messages for alarms and system notifications are improved
2. Minor bugfixes were made

4.6.0

July, 2017

NETFLOW ANALYZER

1. sFlow collection from various devices is now supported
2. Hiding Others from chart is now available, if it consumes most of the traffic
3. Compare feature is now added for comparing total (Overview) traffic with traffic made in the previous period, to spot positive or negative deviations

GENERAL

1. LDAP integration (AD and Open LDAP) is provided for central management of user accounts
2. System notifications are improved to better inform you about your support expiry and renewal actions
3. Guide on how to setup SSL and HTTPS connection between NetVizura web app and server is now available in our documentation. Read more
4. NetVizura backup and restore procedures for Windows OS are now prepared and available

4.5.1

February, 2017

GENERAL

1. CentOS 7 and Debian 8 and Ubuntu 16 distributions are now supported
2. System emails now include information about the source NetVizura server (eg. test or production)
3. When update fails, system notifications are now sent
4. Various minor bugs are fixed

NETFLOW ANALYZER

1. Overview tab design is fine-tuned
2. SNMP v3 discovery is now supported
3. Exporter data deletion issues are now solved
4. Various minor improvements are also made

4.5.0

January, 2017

NETFLOW ANALYZER

1. Easy, fast and extremely useful new Overview added
2. Exporter search added
3. Subnet sets are now moved to Traffic Pattern section (beside Subnets) for simpler navigation
4. Legal Agreements (EULA, MSA and FALA) updated/added and reorganized. Please review here.

4.4.3

November 16, 2016

NETFLOW ANALYZER

1. Loading of exporters tree is optimized and application is now loading faster
2. When migrating configuration, problem with All Traffic node duplication is now fixed
3. Some minor bugs fixed

4.4.2

November 3, 2016

NETFLOW ANALYZER

1. NSEL data collection optimized and documentation added
   ℹ Due to significant changes, ASA devices might show value increased/decreased compared to previous version. This is due to discovery of NSEL export method not specified in Cisco documentation
2. Selection of multiple objects in alarm conditions is introduced, currently only for volume and conversation alarm type
3. Fixed problem where charts were not displayed properly while selecting long time periods
4. End-user deduplication introduced

4.4.1

October 6, 2016

NETFLOW ANALYZER

1. Volume based alarms added
2. Additional info given in email notification, about the alarm
3. Whitespaces are now allowed in usernames
4. Cisco ASA devices (NSEL) supported
5. NetFlow collection optimized

GENERAL

1. Navigation significantly enhanced
2. Alarm design improvements
3. Some minor bugs fixed

4.4.0

August 19, 2016

GENERAL

1. Dashboard added
2. Java 8 support added
3. Windows troubleshooting added
4. Other minor bugs fixed

NETFLOW ANALYZER

1. All Traffic Pattern provided by default
2. High traffic performance optimized
3. Minor GUI improvements made
4. Other minor bugs fixed

4.3.4

June 24, 2016

GENERAL

1. Getting started guide improved
2. NetFlow exporter limit removed from Free Trial license
3. Call-to-action buttons added to Live Demo and Free Trial applications

4.3.3

June 17, 2016

GENERAL

1. Windows installer now can perform update to latest NetVizura version
2. Added more Getting started steps
3. PostgreSQL logs are now created with the date in the filename and are rotated daily
4. Minor bug fixes

4.3.2

June 2, 2016

GENERAL

1. Windows Installer flow improved
2. Getting Started guide introduced

NETFLOW ANALYZER

1. End User Traffic performance optimized
2. Minor bug fixed

4.3.1

May 13, 2016

GENERAL

1. Windows OS is now supported (for server installation)
2. System requirements updated

NETFLOW ANALYZER

1. IP addresses in Scheduled Reports bug fixed
2. Other minor bugs fixed
3. Minor GUI improvements made

MIB BROWSER

1. MIB module parsing bux fixed

4.3.0

April 14, 2016

NETFLOW ANALYZER

1. End User traffic statistic added
   read more
2. IP addresses are now shown as hostnames
3. IP addresses now include WHOIS description
4. AS are now shown as names instead of AS numbers
5. Admin can now remove exporters
6. User with Read privileges can now schedule reports, too
7. Traffic illustration images improved
8. Traffic table layout improved
9. Menu Panel (left sidebar) is now resizable
10. System performance optimized
11. Minor bugs fixed

MIB BROWSER

1. Modules bulk import added
2. Menu Panel (left sidebar) is now resizable

GENERAL

1. NetVizura User Guide is updated

4.2.1

January 26, 2016

GENERAL

1. Database maintenance improved
2. Update patch improved
3. Update from ICmyNet legacy application supported
4. Timezone for ISO installation fixed

NETFLOW ANALYZER

1. User with Read persmission can now schedule reports
2. 32-bit AS numbers are now supported

4.2.0

November 19, 2015

GENERAL

1. Logo redesigned
2. Device discovery and management improved
3. Empty system message fixed

4. Minor bugs fixed

NETFLOW ANALYZER

1. Report Scheduling added
2. Automatic deduplication added
3. Traffic Pattern cloning added
4. System performance optimized
5. Node tree improved
6. Various other features improved
7. IPTables discovery stops collection fixed
8. PDF report crash fixed
9. Minor bugs fixed

EVENTLOG ANALYZER

1. Alarms added
2. SNMP Trap OID name resolution added
3. Minor bugs fixed
4. Online documentation published

MIB BROWSER

1. Minor bugs fixed
2. Online documentation published