NetEyez Version 2.5 Release notes

Oct 26, 2022,　　　　Version 2.5

Released Packages

This version of the release package is applicable to the following products.

- The NetEyez of Version 2.5
- New shipment

Models

Same as previous version.

New Features

1) Baseline trending chart added for supported KPIs.　Please see manual for more details

2) Multiple channels traffic aggregation like NPB (Network Packet Broker)

3) Retry count and multicast widget customization support

4) IP address search from entire database

5) Alarm can be notified now like report notification

6) Alarm content customization for Mail notification

7) Enhance mail server setting for Mail notification

8) Alarm status management

9) New baseline alarms (Global – CRT, NRT, and ART) support

10) New alarm Channel-based DLC alarm support

11) New "Delete All" function for captured files and uploaded files under Data Collecting->Capture page

12) Intuitive GUI support for data restore/backup on Setting->Monitor-General page

13) Trending chart improvement – higher granularity

14) The column width of list table can be adjustable now

15) Progress bar display to show status for decoding large trace file

16) Out of resource handling for CPU, Memory, and Disk with Warning at the first threshold and warning and stop operation at 2nd threshold

17) ELK version upgraded from v7.10 to v8.3

18) T-shark upgrade from v3.2.3 to v3.6.5

19) New filter (Flow, Protocols and sites) setting for real time monitor and packet capture

20) Advanced filter instead of site filter support for real time monitoring and pCap decode

21) HTTPS support for launching Kibana web page

22) Added total packets/bytes for host-based related statistics table

23) Second-based support for Multicast IP/LLC - trend chart and table content

24) New Retry trend chart on performance page

25) Capture File Name adds filter name info automatically if software filter is selected on real time monitoring

26) Changed "Unknown "Application to "Protocol + Port"

27) Capture File Name is based on filter plus timestamp

28) Supported Version up for v2.0B948 settings

29) Added restore button for restore setting

Internal notes

1) Packet drop notification support

Fixed Issues

1) Made some of widget titles more meaningful. Ex: "Performance" changed to Microsoft performance

2) Added back marginal to availability status. It has Excellent, Marginal, Critical status now

3) Added "-"support for name of email address

4) Table widget can adjust width and show all information in Alarm detail column

5) It shows site table when click on Site trend chart on Analysis – Application- Performance

6) Reports generation should be based on Language selection

7) The details of Customized alarm description is incorrect

8) Chinese locale issue for navigation menu

9) Misbehavior for user/application byte sorting

10) Port scan small threshold hang by importing settings of B948

11) Admin user cannot be deleted now

12) Make title and description consistent with scheduler list and new schedule modal box

13) The Host IP address appears in the Host2 column

Known Issues and Limitations added in this version

1) Data cannot be kept from previous versions due to database format changed

2) The status of Zoom in/out on trend chart is only supported on the selected page. The status is reset to original after leaving page

3) No warning if new capture file name is already in capture llist table. The existing one will be overwritten.

4) Selection on trend chart such as IP address will be reset in 30 seconds in real time mode

5) No I18N support on trend charts

6) Submenu can no longer be closed after entering search mode in navigation menu

7) The scrollbar is not shown on TopN host widget.   Also, the line is displayed outside of the frame

8) Limited setting import from NetEyez v2.0 B948 and v2.0 Patch B961 to NetEyez2.5. The Reports and Template page, Setting-Monitor-General page and Image for user created cannot be imported

9) If IP addresses, subnets, or address ranges overlap in branch, VIP, and site definitions, correct analysis cannot be performed. Currently, a warning message is displayed to avoid duplication within each category, but cross-category checks are not performed.   Any duplication will cause at least the following symptoms:

- Analysis results are not displayed in the branch widget of the NetEyez view.
- Results are not displayed even if All is selected first in Analysis>NetEyez branch tab. It becomes visible when you select a specific branch.
- Subnet definitions for branches and sites are not reflected correctly.

10) IP global search with real-time monitoring (when you select monitor as the data source), the search will stop every 30 seconds.

- The search is stopped every 30 seconds, even though the contents of the search box and the IP global search checkbox settings remain the same. Toggle the IP Global Search checkbox to recover.

11）Sorting and search on the following pages:

- Analysis > Network/Host
  Analysis > Network/IP Matrix
  Analysis>Application>HTTP/Server,
  Analysis>Application>HTTP/Transaction,
  Analysis>Application>Microsoft/Transaction,
  Analysis>Application>Performance/Transaction,
  Analysis>Application>Performance/Proxy Server/Server
  Analysis > Application > Performance/Proxy Server/Transaction,
  Analysis>Application>Performance/Remote Access
  Analysis > Application > Performance/Server

- The search is for the data in the list table.   If IP global search is checked, then user can search IP address from entire database.   For all sorting (User, Application, bytes and packets), it will sort from the whole data base, not just list table

About Upgrade

- NetEyez 2.5 has no upgrade package available

Due to significant change of database format, all ELK data cannot be upgraded from previous versions.   However, you can still import setting to 2.5 release. Please try to export your setting before software upgrade.