

Zyrion Traverse™ 5.2 Release Notes



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PN TRV-RN-52

These Release Notes provide additional information for the Traverse 5.2 software release.

Table of Contents

- [Kit Contents on page 1](#)
- [New in this Release on page 1](#)
- [Key Issues Fixed in this Release on page 4](#)
- [Available Documentation on page 4](#)
- [Contacting Zyrion on page 4](#)

Kit Contents

The Traverse package includes:

- traverse-5.2.xxx-linux.tar.gz
- traverse-5.2.xxx-solaris.tar.gz
- traverse-5.2.xxx-windows.exe
- wmitools-5.2.xxx-windows.exe
- Documentation
 - Traverse-52-UserGuide.pdf
 - Traverse-52-DevGuide.pdf
 - Traverse-52-ReleaseNotes.pdf

NOTE: The x's in the filenames above represent the minor revision number.

All the files listed above are directly downloadable from the Zyrion support web site at <http://www.zyrion.com/support>.

For hardware and software requirements and installation and update instructions, see the *Traverse 5.2 User Guide*.

New in this Release

Traverse 5.2 includes the following new features.

Network Configuration & Inventory Management module

NCM module for backup of configurations for routers, switches, firewalls and other network devices, which allows identification of unauthorized changes or correlate outages with configuration changes. Features include:

- Retrieve running or saved configuration files via telnet, SSH,SNMP
- Scheduled or on-demand operation

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- Version controlled archival of configurations
 - Compare running vs saved configurations or different versions of saved configurations
 - Remote configuration management using DGEs and DGE-x
 - Search for MAC address or IP address and show connected switch/router port
 - Other live query tools for network devices (routing tables, hardware model, interface description, etc)

Support for Cisco IOS, CatOS, Nexus, WAAS, firewalls, Juniper JUNOS, ScreenOS, Foundry, Extreme, F5, 3Comp, HP ProCurve, Dell PowerConnect, and many more vendors.

VMware vCenter Integration

- Native integration with VMware APIs to monitor the status of VMware environment using vCenter and vSphere.
- Monitor vMotion enabled guests and track its movement across different physical hosts.
- Supports VI 3.5 ESX/ESXi , vSphere 4, vSphere 4.1

Panorama Features

- Service Container filter to highlight devices that are members of a container and include interconnecting switches/routers for service dependency analysis
- Collapse devices within the same network into subnets to support very large networks
- Radial Layout
- Top level departmental selector (customer selector for MSPs) to limit the devices displayed to a selected department.
- Premier Google maps key for Panorama Maps

Netflow Features

- Support for v9 records and IPfix
- Launch flow analysis console for router interface to display conversations “through” an interface
- Flexible report for historical netflow data analysis

VoIP Call Management Records (CMR) Analysis

- Analyse VoIP CDR/CMR records to derive call quality metrics for:
 - Jitter, Latency, packet loss
 - MOS score (K-factor)
 - Interval Conceal Ratio
- New interactive report which can also be scheduled for email delivery.

Secure Tunnel for remote SSH, Telnet, RDesktop

Users can setup a secure TCP tunnel with port forwarding between the BVE and the DGE or DGE-extension to establish a telnet, SSH, VNC or remote desktop connection for troubleshooting of monitored devices behind firewalls or remote networks.

Customer Branding & Themes (for MSPs)

- Administrators can upload a logo and select a theme for per-customer branding (can also be done at the admin-group level for intermediate-MSPs)

New Dashboard Components

- Service Container health component
- Stacked charts

Other Enhancements

- Install new license key on BVE/Webapp without requiring a restart (to reload new expiration dates or changed entitlements).
- Support for authenticated SMTP and alternate SMTP relay for email notifications
- Add multiple hotspots in Panorama maps before saving for ease of use
- Performance improvements in WMI Query Daemon
- New elements for 'devices', and grouping tests by elements in UI
- Discover IP subnets during topology discovery

New Device Signatures:

- F5 (BigIP) load balancers
- A10 AX load balancers
- Packeteer Packetshaper
- Sycamore Networks DNX-11
- Atrica Routers
- Microsoft Office Communication server
- Redhat Cluster Service
- Jetty webservers
- ActiveMQ messaging bus
- Postgres database
- JBoss Application server
- EMC Avamar storage for Virtual Environments
- DataDomain Storage
- APC Powernet (netbotz) devices
- ServerTech Sentry Switched CDU
- HP Virtual Connect modules

- Christie Digital projectors
- Conveda Media servers

Key Issues Fixed in this Release

The following are some of the key issues that are fixed in this release. This is not a complete list of all the bugs and issues. Please see the CHANGELIST on the Traverse download site for a more complete list.

- Unable to perform topology discovery using seed router
- Loss of historical data on upstream DGE when downstream DGE-x loses connectivity
- DGE does not trigger action item with OK severity
- Suspended EDF test still impacts overall device health on status page
- Unknown test result shown for unmounted cluster drives
- Memory leak in dashboard in certain browsers and components
- Preserve netflow collector configuration across upgrades

Available Documentation

Documentation for Zyrion Traverse is available in Adobe PDF format or online help system in HTML format.

Acrobat Reader is needed to open documents in PDF format. A free copy of Acrobat Reader is available from the Adobe website.

The documentation set for this release consists of the following documents:

- *Traverse 5.2 Release Notes (this document)*
- *Traverse 5.2 User Guide*
- *Traverse 5.2 Developer Guide & API Reference*

Contacting Zyrion

You can reach Zyrion Technical Support using any of the following methods:

Online:	http://www.zyrion.com/support
Telephone:	In the US: 877-7-ZYRION (877-799-7644) Outside the US: +1-408-524-7426
Email:	support@zyrion.com
User Forum:	http://community.zyrion.com

