

Zyrion Traverse™ 5.1 Release Notes



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These Release Notes provide additional information for the Traverse 5.1 software release.

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Kit Contents

The Traverse package includes:

- traverse-5.1.xxx-linux.tar.gz
- traverse-5.1.xxx-solaris.tar.gz
- traverse-5.1.xxx-windows.exe
- wmitools-5.1.xxx-windows.exe
- Documentation
 - Traverse-51-UserGuide.pdf
 - Traverse-51-DevGuide.pdf
 - Traverse-51-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 5.1 User Guide*.

New in this Release

Traverse 5.1 includes the following new features.

Panorama Map Overlay (includes integration with Google Maps)

The Panorama Map Overlay feature lets you display a graphical representation of devices and containers in your network, organized by geographical or logical location. You can upload your own image which can be a static map image of a region, data center floor plan or server rack, or use Google Maps API to display live maps of geographic locations. In either case, you are able to place existing devices and containers on the map overlay as icons ("hotspots") which reflect the status of the device/container. Additionally, by creating hotspots that are associated with other map objects, you can create a nested geographical hierarchy.

Remote DGE-extensions (with “push” technology)

A DGE-extension is a light-weight remote monitoring and collection component which has no local storage. The DGE-extension is very similar to a traditional DGE in terms of monitoring capabilities. But the collected data is periodically transferred over a secure SSL connection (“push” mechanism) to an upstream DGE for aggregation and storage, which makes it ideal for deploying behind firewalls or monitoring small NAT environments. It can also help to minimize data collection network traffic between subnets or different geographic locations without installing additional DGEs.

On-demand Actions from Event Manager

This new extensible framework can be used to create any number of notification or corrective actions that can be launched from the Event Manager in interactive manner by a user. These actions are complementary to the existing action profiles, which are triggered automatically by the DGE/BVE for tests and containers respectively. In contrast, the On-Demand Actions are user initiated and can prompt the user for additional information (for example, login password to a router) before using that information to execute a script, send email, open a browser window, etc.

Enhancements to Custom Reports

- A new “Availability Report” has been added that provides detailed breakdown of time spent in ok, suspended, unreachable and other states at container, device or test level. The report also provides the ratio of uptime for the selected objects within the specified date/time range. Unlike the pre-built availability report under Advanced category, which focuses on the Packet Loss metric at device level, this report can be applied to any metric monitored by Traverse.
- It is now possible to configure scheduled reports to be generated (starting) at a specific time. This will enable you to (for example) send a custom performance report via email at 2:00pm after certain routine transactions happen between noon and 1:00pm. Additional flexible scheduling options like last day of every month or first Monday of every 2 months is also available.
- Custom performance report has been enhanced with a number of visualization and usability changes including user selectable sort order for graphs, ability to group the performance statistics with corresponding graph and option to show up to 4 graphs on each row. A new option has been added to group matching pair of tests (In & Out, Sent & Received, etc) and overlay the historical data on a single chart while showing multiple charts in tiled manner.
- New date range macros have been added to facilitate relative ranges in saved report queries and scheduled reports. Last Week, This Month, Last Month, etc options are available for custom reports and complements the existing macros like Last 7 Days.

Other Enhancements

- Allow administrators to update device/test configuration without representing an end-user
- Support discovery and monitoring of composite JMX MBean
- Support discovery and monitoring of SNMP objects that return numbers as string
- Improved search workflow on RealView dashboard with device/test name filter
- Display the assigned location and DGE of devices on Event Manager
- Support for AES and SHA in SNMPv3 (available in build 065 and later)
- User preference to hide navigation menu’s for read-only users

New Device Signatures:

- Qlogic SAN Switch
- Hitachi Storage Array

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- Cisco Telepresence System
 - Cisco Unity
 - Force10
 - Riverbed Steelhead Appliance
 - HP Blade Enclosures
 - Avocent Intelligent Power Strips
 - Liebert HVAC
 - Liebert UPS
 - PGP Universal Messaging Server

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.

- Underlying tests of SLA measurement had an invalid compliance value.
- Recursively deleting nested containers resulted in a stale object reference.
- An admin user could see a private dashboard from end-user departments.
- A timed out plugin test resulted in an unresponsive script monitor and queue buildup.
- Reports scheduled in the future were sent daily regardless of the chosen frequency.
- Could not include exported devices for a dashboard component.
- Could not drill down into containers from a dashboard component.
- Could not verify email/trap action using the "test now" feature with Firefox.
- Could not create a container with a name already used for a real device.

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 5.1 Release Notes (this document)*
- *Traverse 5.1 User Guide*
- *Traverse 5.1 Developer Guide & API Reference*

Contacting Zyrion

Contacting Zyrion, Inc.

Customer Support

You can reach Zyrion technical support online:

<http://www.zyrion.com/support>

Telephone

In the US: **877-7-ZYRION (877-799-7644)**

Outside the US: **+1 408-524-7424**

E-mail

support@zyrion.com

User Forum

To join a customer-driven user group connecting the worldwide community of Zyrion users, visit our online forum:

<http://community.zyrion.com/>