

# Zyrion Traverse™ 5.5 Release Notes



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These Release Notes provide additional information for the Traverse 5.5 software release.

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## Kit Contents

The Traverse package includes:

- traverse-5.5.xxx-linux.tar.gz
- traverse-5.5.xxx-solaris.tar.gz
- traverse-5.5.xxx-windows.exe
- wmitools-5.5.xxx-windows.exe
- Documentation
  - Traverse-55-UserGuide.pdf
  - Traverse-55-DevGuide.pdf
  - Traverse-55-ReleaseNotes.pdf

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

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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 5.5 User Guide*.

## New in this Release

Traverse 5.5 includes the following new features.

### **New Rich UI**

An alternative rich User Interface with highly interactive data analysis features is available in addition to the Basic UI.

### **SLA Module**

New real-time SLA module with support for containers, devices and tests. This module supports time of day based calculations, real-time status screen and reporting framework.

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## **Variable Thresholds based on Time of Day**

Thresholds can be adjusted based on hour of day and day of week for each test to track the behavior of tests over time and reduce the amount of false alarms. These thresholds can be automatically calculated using the auto-baseline feature.

## **Event Manager Enhancements**

Event Manager has been re-written with much faster performance, and includes the following features:

- Grouping of events based on containers, devices, and other criterion
- Rules editor for easily creating new Event rules
- Show related events and downstream device impact
- Automatic MIB translation for displayed traps
- Support for various browsers including mobile devices

## **IPv6 Support**

Traverse now supports monitoring of IPv6 devices (in single or dual-stack IP networks).

## **Cisco Call Manager**

A new native XML monitor which includes support for Unified Call Manager v6 and above, as well as analysis of Call Manager records is included in Traverse v5.5

## **Scheduled Maintenance**

You can define a one-time or recurring maintenance period for a device to avoid getting alerts during this interval.

## **Composite Tests across Devices**

Composite tests can be created across multiple devices as long as they are on the same DGE. Additionally, a lot more arithmetic and boolean operators are available for complex data calculations.

## **Linked Device Templates**

Devices can be linked to a master device template, and changes made to the master device template can be pushed out to all the linked devices.

## **Centralized File Distribution from BVE**

Configuration files, license key, device signatures, messaefgs, actions, reports and profiles and plugins are automatically synchronized from the BVE server.

## **Auto-Reload of configuration files**

The system automatically detects new license key, event rules, device signatures and reloads them without requiring a restart.

## **Other Enhancements**

- Monitor metrics from Cisco UCS using services API
- Monitor metrics from Microsoft HyperV

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- Monitor metrics from Citrix Xenserver
  - Monitor metrics from Postgres
  - Scheduled topology discovery in Panorama
  - New SLA component for dashboard.
  - VMware specific reports
  - Netflow v9 support
  - SNMPv3 bulk provisioning from command line interface
  - Enhanced web services API (see Programmers Reference)

#### **New Device Signatures:**

- Juniper SSL VPN
- Apache Hadoop

The following device signatures were added in the previous release:

- 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.

- Allow scheduled reports to run on hourly frequency
- Invalid Google Map API key is detected and generates error message

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## 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 5.5 Release Notes (this document)*
- *Traverse 5.5 User Guide*
- *Traverse 5.5 Developer Guide & API Reference*

## Contacting Zyrion

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

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

