

Release Notes

ViewPoint

SonicWALL ViewPoint 6.0

Contents

Platform Compatibility	1
New Features.....	2
Known Issues.....	4
Related Technical Documentation	5

Platform Compatibility

Operating System Requirements

SonicWALL ViewPoint 6.0 is supported on the following operating systems:

- Windows 7 (32-bit and 64-bit)
- Windows Vista 32 and 64 bit (SP1)
- Windows XP Professional 32 bit (SP3)
- Windows Server 2008 SBS 64 bit
- Windows Server 2008 Standard 32 bit and 64 bit (SP1)
- Windows Server 2003 32 bit and 64 bit (SP2)

In all instances SonicWALL ViewPoint is running as a 32 bit application.

Note: Running SonicWALL ViewPoint on a virtual machine is not supported.

Hardware Requirements for ViewPoint Server

The requirements for the SonicWALL ViewPoint server are as follows:

- x86 Environment: Minimum 3 GHz single-CPU Intel processor
- 100 GB hard disk free space
- Minimum 2 GB RAM

Database Requirements

For fresh installations or after upgrading from 5.1, SonicWALL ViewPoint 6.0 supports the following database:

- MySQL 32 bit version 5.0 for Windows, bundled with SonicWALL ViewPoint 6.0

After upgrading from 5.1, SonicWALL ViewPoint 6.0 supports the following databases only when the database was already in use prior to upgrading:

- Microsoft SQL Server 2005 32-bit and 64-bit (SP2), as follows:
 - SQL Server 2005 Workgroup
 - SQL Server 2005 Standard
 - SQL Server 2005 Enterprise
 - SonicWALL ViewPoint does **not** support Microsoft SQL 2005 Express
- Microsoft SQL Server 2000 (SP4)
- Microsoft Desktop Engine (MSDE) bundled with ViewPoint

The requirements for the bundled MySQL database server are as follows:

- x86 Environment: Minimum 3 GHz dual-core CPU Intel processor
- 300 GB hard disk free space
- Minimum 2 GB RAM
- NTFS file system
- Not a Virtual Machine (VM)



Release Notes

Java Support

SonicWALL ViewPoint 6.0 automatically downloads the Java Plug-in 1.6 and uses Tomcat 6.0.20.

SonicWALL Appliances Supported for ViewPoint Reporting

SonicWALL ViewPoint 6.0 supports the following SonicWALL appliances and firmware versions:

SonicWALL Platforms	SonicWALL Firmware Version
Firewall / UTM / VPN:	
SonicWALL NSA Series, E-Class NSA Series	SonicOS Enhanced 5.0 or newer
SonicWALL TZ Series	SonicOS Enhanced 3.2 or newer SonicOS Standard 3.1 or newer
SonicWALL PRO Series	SonicOS Enhanced 3.2 or newer
SonicWALL CSM Series	SonicOS CF 2.0 or newer
Secure Remote Access:	
SonicWALL SMB SSL-VPN Series, SRA 4200	SonicOS SSL-VPN 2.0 or newer
SonicWALL Aventail EX Series	Aventail 9.0 or newer

New Features

The following are new features in the SonicWALL ViewPoint 6.0 release:

Application Firewall Reporting

Application Firewall Reporting introduces detailed reporting on the Application Firewall feature of fifth generation SonicWALL UTM devices. Reports include top applications, top users, and top policies. Users can drill down within reports. Useful examples for this feature include viewing a report by category such as Instant Messaging, or applying Bandwidth Management by monitoring the activity of streaming media.

This feature provides visibility into the impact and effectiveness of Application Firewall policies and can help increase employee productivity and the efficiency of network usage.

Custom and Granular Reports for SSL-VPN

Custom Reports for SSL-VPN appliances are now available in addition to the Internet Activity and Website Filtering Custom Reports for SonicWALL UTM appliances. This feature allows the ViewPoint administrator to create custom Resource Activity reports using the raw logs collected from SonicWALL Aventail and SMB SSL-VPN devices connected to ViewPoint.

ViewPoint administrators can now create granular reports showing who accessed what applications at what time, for forensic analysis and troubleshooting. Using data from these reports can help increase employee productivity and network uptime.

Enhanced Summarizer Capacity Planning

ViewPoint 6.0 includes enhanced tools to assess hardware utilization for collection of syslog data and summarization for reporting. This feature also includes an estimation tool to determine total capacity of the hardware in use. The impact of a variety of parameters such as number of users and types of reports enabled is taken into consideration both at the global level and for each device under management.

Enhanced performance assessment facilitates finding the root cause of peak hardware usage and proper capacity expansion planning and therefore allows the ViewPoint administrator to time new hardware purchases and associated expenses appropriately as he grows his business and brings more devices under management.



Release Notes

SQL Server 2008 Support

SonicWALL ViewPoint 6.0 supports the latest major release of SQL Server. This feature allows ViewPoint to be used within a broader range of customer environments.

Inheritance Support for Reporting Screens

SonicWALL ViewPoint 6.0 provides inheritance support for setting configurations for ViewPoint reports. This allows a new unit to be added to a group which then can inherit the ViewPoint report settings for that group. ViewPoint also allows for reverse inheritance, offering the ability to inherit report settings from a unit up to the global level for that device type.

Name Resolution Crawler

A new host name resolution feature provides a Name Resolution Crawler that periodically resolves host names for IP addresses found in reporting data. Once the host name is resolved, the name will appear in place of the IP address in reports that contain it. Over time, more host names appear in the report data as they are added to the list. The administrator can enable or disable this feature and configure the interval for the name resolution crawler to run (by default, every 24 hours).

Other Noteworthy Features

The following features are also included in SonicWALL ViewPoint 6.0:

- **Granular Summarizer Control:** This feature provides the ability to specify detailed settings at the device and application level for various services associated with the syslog Summarizer. This is a MSP enablement feature. Granular control over the Summarizer function allows a service provider to customize its offering to each customer.
- **Enhanced Purge Settings for Syslog Data:** ViewPoint 6.0 allows the administrators to specify separate purge settings for file-based raw syslogs (used for archival purposes) versus raw syslogs stored in the database (required for custom reporting). This feature manages usage of the database and the required storage to keep the database. This is a cost efficiency feature.
- **Improved Raw Syslog Upload Performance:** This feature separates the raw syslog upload process from the summarization process and accelerates the time between syslog collection and availability for custom reporting. This feature enhances ease of use.
- **Email Alerts:** Email alerts are sent if the system detects abnormal or suboptimal Summarizer performance.
- **Upgrade History:** History of Software Upgrade, HotFixes and Patches can now be viewed.
- **Anonymous Reports:** Reports excluding user specified IP addresses and user names can be created.
- **Troubleshooting:** Troubleshooting interfaces have been exposed so that users can check connectivity to the Database Server, SMTP Server, License Manager and MySonicWALL.com backend systems.
- **Enhanced SSO:** Users can specify the following selections in the ViewPoint URL for automatic login to the desired page and appliance:
 - Login credentials
 - Screen selection
 - Appliance selection in the TreeControl
- **Tips and Tutorials:** A context sensitive Tips icon displays near the Help icon if the product detects a useful tip/whitepaper/video for the current page in the interface.
- **CSV/Excel Exports:** CSV/Excel support has been added as an export format for Custom Reports.
- **Custom Report:** "Website Filtering" has been added as a new Custom Report for UTM appliances.
- **SSL Certificates:** SSL Certificates for HTTPS support of the ViewPoint Web Server can now be imported and set up using the System management interface, instead of having to do this manually.



Release Notes

Known Issues

The following are known issues in the SonicWALL ViewPoint 6.0 release:

Symptom	Condition / Workaround	Issue
The Aventail status reports do not display in ViewPoint.	Occurs when summarizing reports on ViewPoint, and attempting to view Aventail status reports. The following Aventail reports do not display: Summary, OverTime, Down-Time Summary, and Down-Time Over Time.	86378
The "Password protect the Zip file" option does not work for Netmonitor Scheduled Reports.	Occurs when unzipping the Scheduled reports after the "Password protect the Zip file" option has already been enabled. Upon unzipping, the user should be prompted to provide a password.	86325
Days to store XML reports do not delete the older reports.	Occurs when navigating to the Reports > Configuration > Summarizer settings page. After configuring the Days to store XML reports, archived files should be deleted after an interval of time.	85861
A Scheduled Report is orphaned after the unit's serial number is changed.	Occurs when attempting to create a Scheduled Report for a unit. After the user modifies the serial number of the unit, any Scheduled Report associated with that unit is orphaned. Workaround: First, delete the unit. Next, add the unit with the new serial number. Then, recreate the Scheduled Report.	80456
All SSL-VPN units appear as 'Not Registered' after upgrading from ViewPoint to the GMS Free Trial.	Occurs when attempting to upgrade to the GMS Free Trial. After manually enabling GMS on the SSL-VPN units, as they are not automatically configured for GMS, all SSL-VPN units are shown as 'Not Registered.'	80419



Release Notes

Related Technical Documentation

SonicWALL documentation is available in the SonicWALL Technical Documentation Online Library:

<http://www.sonicwall.com/us/Support.html>

For basic and advanced deployment examples, refer to SonicWALL guides and technotes available on the Web site.

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#	Date	Title
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2	13 Oct 2008	SonicWALL ViewPoint 5.0 Administrator's Guide
3	05 May 2008	SonicWALL GMS 4.0 Reporting Overview
4	13 Mar 2008	SonicWALL ViewPoint 4.1 Administrator's Guide
5	14 Dec 2006	SonicWALL ViewPoint 2.0 User's Guide

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1	16 Jun 2008	Optimizing ViewPoint 4.0 for Best Performance
2	28 Apr 2008	Reinstalling ViewPoint 4.1
3	07 Apr 2008	Reducing the Size of the ViewPoint 4.1 Database
4	16 Nov 2007	Configuring ViewPoint 4 With MS SQL Server 2005
5	19 Sep 2007	Securing GMS 2.5 with SSL and Client Certificates

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#	Date	Title
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