

Release Notes

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Release Purpose

SonicOS 6.1.2.1 is a maintenance release that fixes a number of known issues in earlier 6.1 releases.

This release provides the same features and contains the same resolved issues as previous releases of SonicOS 6.1.2.x. For more information, see the previous release notes:

- SonicOS 6.1.2.0 NSA 2600 Release Notes

http://www.sonicwall.com/app/projects/file_downloader/document_lib.php?t=RN&id=537

Platform Compatibility

The SonicOS 6.1.2.1 release is supported on the following Dell SonicWALL appliance:


- NSA 2600

The Dell SonicWALL WXA series appliances (WXA 6000 Software, WXA 500 Live CD, WXA 5000 Virtual Appliance, WXA 2000/4000 Appliances) are supported for use with Dell SonicWALL NSA appliances running 6.1.2.1. The recommended WXA firmware version is WXA 1.3.0.

Upgrading Information

For information about obtaining the latest firmware, upgrading the firmware image on your Dell SonicWALL appliance, and importing configuration settings from another appliance, see the *SonicOS 6.1 Upgrade Guide* available on MySonicWALL or on the www.sonicwall.com Product Documentation page for the NSA series:

<http://www.sonicwall.com/us/en/support/3643.html>

 **Note:** Upgrading to SonicOS 6.1.2.1 is not supported from SonicOS 5.9. You can upgrade to SonicOS 6.1.2.1 from SonicOS 6.1.2.0 or from SonicOS 5.8.1.x.

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Browser Support



SonicOS uses advanced browser technologies such as HTML5, which are supported in most recent browsers. Dell SonicWALL recommends using the latest Chrome, Firefox, Internet Explorer, or Safari browsers for administration of SonicOS. This release supports the following Web browsers:

- Chrome 18.0 and higher (recommended browser for dashboard real-time graphics display)
- Firefox 16.0 and higher
- Internet Explorer 8.0 and higher (do not use compatibility mode)
- Safari 5.0 and higher

Mobile device browsers are not recommended for Dell SonicWALL appliance system administration.

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Known Issues

This section contains a list of known issues in the SonicOS 6.1.2.1 release.

Security Services

| Symptom | Condition / Workaround | Issue |
|--|--|--------|
| HTTPS management does not respond. | Occurs when HTTPS Content Filtering is enabled in the CFS configuration dialog. Workaround: Disable HTTPS Content Filtering in the CFS configuration dialog, accessed from the Security Services > Content Filter page. Or – Use a custom port for HTTPS management, and use the FQDN name for the firewall. The FQDN must be included in the CFS allow list. | 145509 |
| Access to sites in the Forbidden category is allowed on IPv6 networks. | Occurs when IPv4 is disabled and IPv6 is enabled on a client machine. Occurs because IPv6 is not currently supported. | 142968 |
| Anti-Spyware is still active after it is disabled. | Occurs when the Enable Anti-Spyware Service option has been enabled and then is disabled by clearing the Enable Anti-Spyware Service checkbox. Spyware can still be downloaded. | 140543 |

Users

| Symptom | Condition / Workaround | Issue |
|---|--|--------|
| Adding a Terminal Services Agent displays “Error: Host name/IP address.” | Occurs when the host name begins with a number. | 140030 |
| In a Terminal Services Agent environment, users are not logged out of the firewall automatically. | Occurs when users log in to a Terminal Server using the Remote Desktop Protocol (RDP), and then log out via RDP. | 139917 |

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Resolved Issues

This section contains a list of issues that are resolved in the SonicOS 6.1.2.1 release.

Bandwidth Management

| Symptom | Condition / Workaround | Issue |
|--|---|--------|
| The Enable Egress Bandwidth Management option and the Enable Ingress Bandwidth Management option in the Edit interface dialog (Advanced tab) cannot be selected. | Occurs when the Bandwidth Management Type is set to Global. | 140553 |

DPI-SSL

| Symptom | Condition / Workaround | Issue |
|------------------------------|--|--------|
| The firewall reboots itself. | Occurs when there is an unhandled DPI-SSL exception. | 139537 |

High Availability

| Symptom | Condition / Workaround | Issue |
|--|---|--------|
| The administrator cannot ping or manage the four units in an Active/Active DPI clustering configuration. | Occurs when the administrator tries to manage the units via the VLAN interface. | 144285 |
| The BGP configuration is not synchronized from the Primary to the Backup appliance. | Occurs when High Availability is enabled and BGP is configured on the Primary appliance and then synchronized with the Backup appliance. | 141177 |
| HA Active/Active DPI interfaces X16 and X17 have no links. | Occurs when they are used as HA ports and are connected to SonicWALL SFP+ modules. Workaround: Use a TwinAx cable instead of FIBER LR, FIBER SR, or FIBER SFP+ when connecting two appliances back-to-back. | 141294 |

Log

| Symptom | Condition / Workaround | Issue |
|---|---|--------|
| Logs are not being emailed as they should be. | Occurs when the Send Log menu is set to "When Full" on the Log > Automation page. | 139403 |

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Network

| Symptom | Condition / Workaround | Issue |
|--|---|--------|
| HTTP management for an interface is non-responsive. | Occurs when the HTTP Management checkbox for an interface is selected in the Edit Interface dialog of the Network > Interfaces page. | 142946 |
| The "Enable support for Oracle (SQLNet)" option is not present on the Firewall Settings > Advanced page. | This is a request for the option to be added. | 142855 |
| DHCP packets are dropped over the L2 Bridge. | Occurs after upgrading the firmware. | 142394 |
| The Paired Interface menu in the Edit Interface dialog does not show that the 10GB interface is available. | Occurs when a LAN zone interface is set to Wire Mode (2-Port Wire), and a 10GB SFP module is plugged in and detected, and then the 10GB SFP is unplugged. | 140899 |
| The Use Password option cannot be disabled in the RIP Configuration dialog. | Occurs when you enable the Use Password option and then try to disable it by unchecking the box. | 140592 |
| Access Rules that are added manually are disappearing. | Occurs when the Service, Source, and Destination fields in the Access Rule are set to Any, Any, and Any, and then one of the options for the zone (such as Guest Services) is disabled on the Network > Zones page. | 135345 |

Security Services

| Symptom | Condition / Workaround | Issue |
|---|---|--------|
| Login to www.bing.com is denied due to Category 99 block. | Occurs when Safesearch Enforcement is enabled in the default CFS policy. | 143164 |
| The Anti-Spam service becomes disabled. | Occurs after importing the settings on the System > Settings page and rebooting the firewall. | 140587 |

System

| Symptom | Condition / Workaround | Issue |
|---|--|--------|
| Web management of the firewall is not available until the connection cache entry times out. | Occurs when a test for vulnerabilities in the SonicOS internal web server is running, such as a test for OpenSSL HeartBleed. | 144841 |
| An SNMP error message is displayed: "% Add SNMP View Failed,too many View entries." | Occurs when logged into the CLI and using the command "view root oid 1.3". | 144747 |

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| Symptom | Condition / Workaround | Issue |
|--|--|--------|
| SonicOS needs to include more Root CA Certificates by default. | This is a request to add this feature to SonicOS. | 143120 |
| Firewall reboots itself continuously. | Occurs when Botnet is enabled. | 142696 |
| Pinging the default gateway from the idle HA unit fails. | Occurs when using Check Network Settings from the Diagnostics Tools menu on the System > Diagnostics page. It does not occur when using Ping from the same menu. | 140739 |
| Firewall fans are making loud ticking noises. | Occurs when the firewall is powered on. | 138504 |

User Interface

| Symptom | Condition / Workaround | Issue |
|--|--|--------|
| The SonicOS management interface is slow to respond, or does not respond for a brief period of time. | Occurs when the WebListener task is in a loop waiting for more SSL data until it eventually times out. During this period, the tWebListen task may take 100% of the CPU time. Note: As a best practice, configure Access Control of the management interface on the WAN. | 144909 |

Users

| Symptom | Condition / Workaround | Issue |
|--|--|--------|
| LDAP user groups in sub-trees that are in the Excluded list of the LDAP User Settings dialog are not being excluded. | Occurs when the "All user groups on the LDAP server" option is selected in the LDAP User Settings dialog under the Users & Groups tab, accessed when you click the Configure LDAP button on the Users > Settings page. | 144491 |
| SSO Agent DC Security Logs are reporting users with the incorrect domain names. | Occurs when the Domain Controller (DC) Security Log Query is configured in the SSO Agent, and the DCs are added to the SSO Agent. | 143712 |

VoIP

| Symptom | Condition / Workaround | Issue |
|------------------|---|--------|
| VoIP calls fail. | Occurs when SIP transformations fail, which may be causing routing to fail. | 141743 |

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VPN

| Symptom | Condition / Workaround | Issue |
|--|--|--------|
| The firewall is generating multiple copies of multicast packets and sending all of them (instead of one) through the individual VPN tunnels. | Occurs when Multicast is enabled and there are multiple VPN Gateway to VPN Gateway or VPN Gateway to VPN Client policies set up. The number of copies of multicast packets generated is equal to the number of VPN Policies. | 141210 |
| L2TP users are disconnected. | Occurs when there is more than one user connected using L2TP. When a second L2TP session is connected, the first L2TP session is disconnected. | 140618 |
| A Site-to-Site VPN policy and a Tunnel Interface VPN policy with the same gateway can be added. | Occurs when adding the two VPN policies from the CLI. This is not allowed when using the Web management interface. | 139967 |
| L2TP clients are not able to access the firewall Management Interface. | Occurs when WAN Management is not enabled on the firewall. | 137355 |
| VPN tunnels in port redundancy groups are failing. | Occurs when the primary interface in the port redundancy group fails. Workaround: Enable Load Balancing on the Network > Failover & LB page. | 131162 |

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Related Technical Documentation

Dell SonicWALL user guides and reference documentation are available at the Dell SonicWALL Technical Documentation Online Library: <http://www.sonicwall.com/us/Support.html>

For basic and advanced deployment examples, refer to SonicOS Guides and SonicOS TechNotes available on the website.

The screenshot displays the Dell SonicWALL Support website interface. At the top, there is a navigation bar with the Dell logo and links for Products, Solutions, Buy, Trials, and Support. A search bar is located on the right side of the navigation bar. Below the navigation bar, a breadcrumb trail indicates the current location: Support > Product Documentation > Network Security > NSA Series.

The main content area features a 'Product Support' section with a header for 'NSA Series Appliances' and an image of the hardware. Below this, there are social media sharing options for Facebook, LinkedIn, and Twitter. A 'Chat Support' button is also visible.

The left sidebar contains a 'Support' section with an 'Overview' link and a 'Product Documentation' section with various links including Network Security, SuperMassive Series, NSA E-Class Series, NSA Series (highlighted), PRO Series, TZ Series, WXA Series, SonicPoint Series, Gateway Anti-Virus, Anti-Spyware & Intrusion Prevention, Comprehensive Anti-Spam Service, Content Filtering Service, SSL VPN Secure Remote Access, Email Security Appliances and Software, Management & Reporting, Content Security Management, Client Software, Legacy Products, Self-Help Resources, Support Services, Professional Services, Guidelines & Policies, Product Lifecycle, Contact Support, Report a Vulnerability, and Training / Certification.

The main content area includes a 'Support Documents' and 'Knowledge Base' section. Below this, there is a 'List View Options' section with a filter to focus on items of interest. A 'Categories' section allows filtering by Video Tutorials, Product Guides (checked), Technical Notes (checked), Release Notes (checked), and Support Data Sheets (checked).

The 'Product Guides' section shows 6 of 88 items. The list includes:

- SonicWALL Mobile Connect for Android 3.0 User Guide (3 Apr 2014)
- SonicWALL Mobile Connect for iOS 3.0 User Guide (28 Feb 2014)
- SonicOS 5.9 Administrator's Guide (16 Jan 2014)
- SonicOS 5.9 Upgrade Guide (6 Jan 2014)
- SonicOS 6.1 Upgrade Guide, Korean (31 Dec 2013)
- Dell SonicWALL NSA 2600 Getting Started Guide, Korean (30 Dec 2013)

The 'Technical Notes' section shows 6 of 39 items. The list includes:

- Configuring SonicOS for Amazon VPC Tech Note (7 Oct 2013)
- Configuring SonicOS for MS Windows Azure Tech Note (7 Oct 2013)

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