



Dell SonicWALL™ Secure Remote Access 7.5.1.0

Release Notes

April 2015

These release notes provide information about the Dell SonicWALL SRA 7.5.1.0 release.

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About SRA 7.5.1.0

The SRA 7.5.1.0 release fixes various issues. This release provides the same features as previous releases of Dell SonicWALL SRA 7.5.

Supported platforms

The SRA 7.5.1.0 release is supported on the following Dell SonicWALL platforms:

- Dell SonicWALL SRA 1200
- Dell SonicWALL SRA 1600
- Dell SonicWALL SRA 4200
- Dell SonicWALL SRA 4600
- Dell SonicWALL SRA Virtual Appliance

Resolved issues

The following is a list of resolved issues in this release.

Authentication

Resolved issue	Issue ID
When a client certificate is installed and a CRL is imported on an SRA 4200 appliance, appliance still authenticates and allows logging in. Occurs when logging in to the SRA appliance from the client. The CRL should identify the client certificate and not allow logging in from the client.	155147

Bookmarks

Resolved issue	Issue ID
The SRA User Portal contains a Cross-Site Request Forgery (CSRF) vulnerability. Occurs when using the Edit Bookmark page on the SRA User Portal.	158557
An ActiveX Citrix bookmark with Java disabled does not load. Occurs when an untrusted SSL certificate is used.	158591
Fileshare displays the error “No such file or directory” when a bookmark file is successfully deleted. Occurs when deleting a Fileshare bookmark on the SRA 7.5 Japanese version.	155357
A TS-Farm HTML5 bookmark displays an error “Closing WebSocket Connection” and does not start. Occurs when using an HTML5 RDP bookmark with a TS-Farm. Workaround: Use a Java bookmark.	155056

End Point Control (EPC)

Resolved issue	Issue ID
The EPC check does not work and displays an error message. Occurs when using ‘avast! Free Antivirus’ on the client machine and trying to connect to the SRA with the NetExtender client. Workaround: Disable EPC to allow users to connect.	158530
The EPC Agent must be re-installed and requires Administrator credentials each time the PC accessing SRA is restarted. Occurs when the PC accessing SRA is rebooted. Workaround: Configure the NAC Agent Service to automatic (not manual), which verifies that the latest NAC Agent is installed.	158390
The SRA appliance continuously forces an NAC agent installation after the Windows client is restarted. Occurs when restarting the Windows client. The NAC agent should only require one installation.	155889

High Availability

Resolved issue	Issue ID
Using more than three CA certificates does not sync between appliances configured for High Availability. Occurs when using High Availability with two SRA Virtual Appliances. Once High Availability is synched, CA certificates that are uploaded do not sync.	158569

GeoIP/Botnet

Resolved issue	Issue ID
License synchronization on the SRA appliance is blocked due to Geo-IP filters. Occurs when enabling the Geo-IP filter for USA. Workaround: Disable the Geo-IP filter for USA.	156610

Logs

Resolved issue	Issue ID
The following log message displays even when using a certificate with a 2048-bit key: “The current default certificate uses a 1024-bit key. Generate a new Self-Signed certificate from System > Certificate that uses a 2048-bit key.” Occurs when using SRA 7.5.0.15-35sv.	156463
EPC logging will still display even if EPC is not enabled. Occurs when connecting from NetExtender 7.5.216 or 7.0.	155591

NetExtender

Resolved issue	Issue ID
The ‘Automatically reconnect’ option of the NetExtender client disables itself. Occurs after reconnecting to NetExtender after fixing a typo in the Username or Password field. With the ‘Automatically reconnect’ option enabled, make a typo made in the Username or Password field and try to connect. After correcting the typo, successfully connect to NetExtender and the ‘Automatically reconnect’ option has been disabled.	158247
The NetExtender/ Mobile Connect client continues to show a status of “Connecting” although status confirms that the connection is complete. Occurs when using NetExtender clients. The SRA appliance stops accepting connections from NetExtender clients.	155599
Windows NetExtender does not initialize connection parameters and displays the following error message: ‘Initializing connection parameters... failed.’ Occurs when using a system running Windows 7.	154683
While using a NetExtender connection, files transfer at a very slow rate. Occurs when using an SRA Virtual Appliance on Vsphere.	149639

System

Resolved issue	Issue ID
There are several advanced vulnerabilities that are addressed in an NTP upgrade to 4.2.8. Occurs when accessing the NTP packages. Upgrading to NTP 4.2.8 is strongly recommended.	155628
The ActiveSync password does not work with a combination of special characters. Occurs when using a password with “%” followed by numbers.	155391

Vulnerability

Resolved issue	Issue ID
There are several security vulnerabilities that affect SRA appliances running OpenSSL 1.0.1k. Occurs when using OpenSSL 1.0.1k. Upgrading to OpenSSL 1.0.1m is recommended.	158851
Glibc version 2.14 is vulnerable to a buffer overflow. Occurs when the command line prompt ‘ldd -version’ is executed to determine the glibc version.	157547

Known issues

There are no known issues in this release.

System compatibility

This section provides additional information about hardware and software compatibility with this release.

SRA appliance information

Although all SRA appliances support major SRA features, not all features are supported on all SRA appliances. The following section describes similarities and differences between appliances and supported features.

Similarities

The Dell SonicWALL SRA appliances and SRA Virtual Appliance share most major SRA features, including:

- Virtual Office
- NetExtender
- Virtual Assist
- Virtual Access
- Application Offloading
- Web Application Firewall Geo-IP Botnet
- End Point Control
- Load Balancing

Differences

Important differences between the SRA appliances are shown in the table below. An 'X' indicates that the feature is supported on that appliance model.

Feature	SRA 4600	SRA 4200	SRA 1600	SRA 1200	SRA Virtual Appliance
Application Profiling	X	X			X
High Availability (HA)	X	X			X
Virtual Meeting	X	X			X

Product licensing

The Dell SonicWALL SRA 7.5.1.0 firmware provides user-based licensing on Dell SonicWALL SRA appliances and SRA Virtual Appliance. Licensing is controlled by the Dell SonicWALL license manager service, and customers

can add licenses through their MySonicWALL accounts. Unregistered units support the default license allotment for their model, but the unit must be registered in order to activate additional licensing from MySonicWALL.

License status is displayed in the SRA management interface, on the Licenses & Registration section of the System > Status page. The TSR, generated on the System > Diagnostics page, displays both the total licenses and active user licenses currently available on the appliance.

If a user attempts to log in to the Virtual Office portal and no user licenses are available, the login page displays the error, “No more User Licenses available. Please contact your administrator.” The same error is displayed if a user launches the NetExtender client when all user licenses are in use. These login attempts are logged with a similar message in the log entries, displayed in the Log > View page.

To activate licensing for your appliance or virtual appliance, perform the following steps:

1. Login as admin, and navigate to the System > Licenses page.
2. Click the Activate, Upgrade or Renew services link. The MySonicWALL login page is displayed.
3. Type your MySonicWALL account credentials into the fields to login to MySonicWALL. This must be the account to which the appliance is, or will be, registered. If the serial number is already registered through the MySonicWALL web interface, you will still need to login to update the license information on the appliance itself.
4. For the SRA 4600/4200/1600/1200 appliances, MySonicWALL automatically retrieves the serial number and authentication code. For the virtual appliance, you will need to enter this information:
 - Type the serial number of the virtual appliance into the Serial Number field. The serial number and authentication code are provided when the software is purchased.
 - Type the authentication code into the Authentication Code field.
5. Type a descriptive name for the appliance or virtual appliance into the Friendly Name field, and then click Submit.
6. Click Continue after the registration confirmation is displayed.
7. Optionally upgrade or activate licenses to other services displayed on the System > Licenses page.
8. After activation, view the System > Licenses page to see a cached version of the active licenses.

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 following sections:

- [Upgrading information](#)
- [Obtaining the latest SRA image version](#)
- [Exporting a copy of your configuration settings](#)
- [Uploading a new SRA image](#)
- [Resetting the Dell SonicWALL SRA appliances using SafeMode](#)
- [Moving a Virtual Appliance to SRA 7.5.1.0](#)

Obtaining the latest SRA image version

To obtain a new SRA firmware image file for your Dell SonicWALL security appliance:

1. Connect to your mysonicwall.com account at <http://www.mysonicwall.com>.



NOTE: If you have already registered your Dell SonicWALL SRA appliance, and selected **Notify me when new firmware is available** on the System > Settings page, you are automatically notified of any updates available for your model.

2. Copy the new SRA image file to a directory on your management station.
For the Dell SonicWALL SRA 4600/4200/1600/1200 appliance, this is a file such as:
`sw_sslvpnsra4600_eng_7.5.1.0_7.5.0_p_38sv_778543.sig`
For the Dell SonicWALL Virtual Appliance, this is a file such as:
`sw_sslvpnsra-vm_eng_7.5.1.0_7.5.0_p_38sv_778543.sig`

i **NOTE:** For SRA Virtual Appliances, image files for new deployments have an .ova file extension, and image files for upgrades have a .sig file extension.

Exporting a copy of your configuration settings

Before beginning the update process, export a copy of your Dell SonicWALL SRA appliance configuration settings to your local machine. The Export Settings feature saves a copy of your current configuration settings on your Dell SonicWALL SRA appliance, protecting all your existing settings in the event that it becomes necessary to return to a previous configuration state.

To save a copy of your configuration settings and export them to a file on your local management station, click the **Export Settings** button on the System > Settings page and save the settings file to your local computer. The default settings file is named `sslvpnSettings.zip`.

i **Tip:** To more easily restore settings in the future, rename the .zip file to include the version of the Dell SonicWALL SRA image from which you are exporting the settings.

Uploading a new SRA image

Dell SonicWALL SRA appliances do not support downgrading an image and using the configuration settings file from a higher version. If you are downgrading to a previous version of a Dell SonicWALL SRA image, you must select **Uploaded Firmware with Factory Defaults**. You can then import a settings file saved from the previous version or reconfigure manually.

1. Download the SRA image file and save it to a location on your local computer.
2. Select **Upload New Firmware** from the System > Settings page. Browse to the location where you saved the SRA image file, select the file, and click the **Upload** button. The upload process can take up to one minute.
3. When the upload is complete, you are ready to reboot your Dell SonicWALL SRA appliance with the new SRA image. Do one of the following:
 - To reboot the image with current preferences, click the boot icon for **Uploaded Firmware - New!**
 - To reboot the image with factory default settings, click the boot icon for **Uploaded Firmware with Factory Defaults - New!**

i **Note:** Be sure to save a backup of your current configuration settings to your local computer before rebooting the Dell SonicWALL SRA appliance with factory default settings, as described in the previous “Saving a Backup Copy of Your Configuration Settings” section.

4. A warning message dialog is displayed saying *Are you sure you wish to boot this firmware?* Click **OK** to proceed. After clicking **OK**, do not power off the device while the image is being uploaded to the flash memory.
5. After successfully uploading the image to your Dell SonicWALL SRA appliance, the login screen is displayed. The updated image information is displayed on the System > Settings page.

Resetting the Dell SonicWALL SRA appliances using SafeMode

If you are unable to connect to the Dell SonicWALL security appliance's management interface, you can restart the Dell SonicWALL security appliance in SafeMode. The SafeMode feature allows you to quickly recover from uncertain configuration states with a simplified management interface that includes the same settings available on the System > Settings page.

To reset the Dell SonicWALL security appliance, perform the following steps:

1. Connect your management station to a LAN port on the Dell SonicWALL security appliance and configure your management station IP address with an address on the 192.168.200.0/24 subnet, such as 192.168.200.20.

Note: The Dell SonicWALL security appliance can also respond to the last configured LAN IP address in SafeMode. This is useful for remote management recovery or hands off recovery in a datacenter.

2. Use a narrow, straight object, like a straightened paper clip or a pen tip, to press and hold the reset button on the security appliance for five to ten seconds. The reset button is on the front panel in a small hole to the right of the USB connectors.

Tip: If this procedure does not work while the power is on, turn the unit off and on while holding the Reset button until the Test light starts blinking

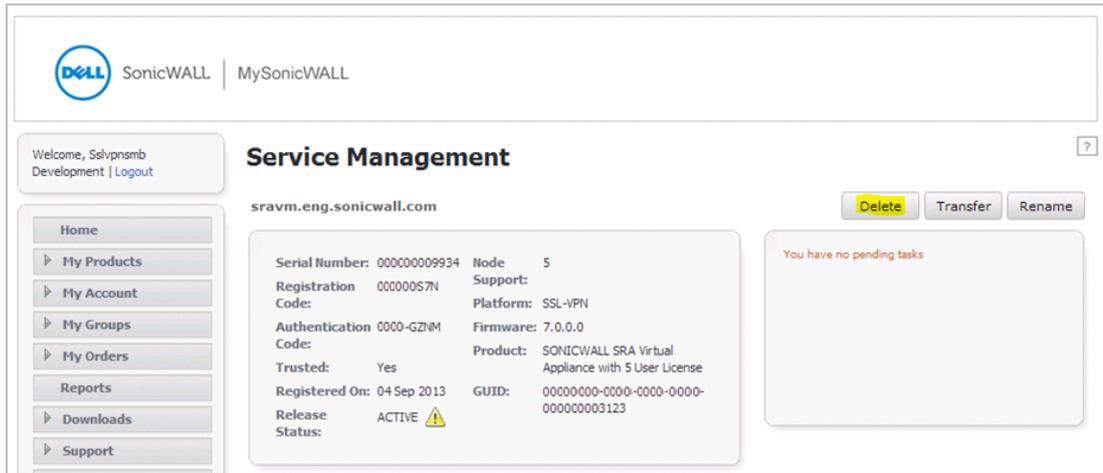
3. Connect to the management interface by pointing the Web browser on your management station to <http://192.168.200.1>. The SafeMode management interface displays.
4. Try rebooting the Dell SonicWALL security appliance with your current settings. Click the boot icon in the same line with Current Firmware.
5. After the Dell SonicWALL security appliance has rebooted, try to open the management interface again. If you still cannot open the management interface, use the reset button to restart the appliance in SafeMode again. In SafeMode, restart the SRA image with the factory default settings. Click the boot icon in the same line with Current Firmware with Factory Default Settings.

Moving a Virtual Appliance to SRA 7.5.1.0

A Virtual Appliance running SRA 7.5.0.x can be upgraded to SRA 7.5.1.0 using a .sig file, from the System > Settings page.

A Virtual Appliance running SRA 7.0, or older, cannot be upgraded to SRA 7.5.1.0 because of operating system changes in the Virtual Appliance software. Instead, you must reconfigure the virtual machine, as explained in the following steps:

1. Export the configuration settings from the old virtual appliance, as explained in Exporting a Copy of Your Configuration Settings on page 41.
2. Make a note of the serial number and authentication code of the old virtual appliance. You can find these on the System > Status page.
3. Shut down and power off the old virtual appliance.
4. Deploy a new virtual appliance using the SRA 7.5.1.0 OVA file available from www.mysonicwall.com.
5. Power on the new virtual appliance and configure the X0 interface using the CLI.
6. Log into the new virtual appliance as "admin" and import your saved configuration settings.
7. In MySonicWALL, click on the serial number of the old virtual appliance. On the Service Management page for it, click the Delete button to delete licensing for the old virtual appliance. If you are unable to delete the licensing, contact Dell SonicWALL support.



8. Register the new virtual appliance from the System > Licenses page. Enter the serial number and authentication code.
This transfers all the licensed services from the old virtual appliance to the new virtual appliance.

Technical support resources

Technical support is available to customers who have purchased Dell software with a valid maintenance contract and to customers who have trial versions. To access the Support Portal, go to <http://software.dell.com/support/>.

Dell SonicWALL Administration Guides and related documents are available on the Dell Software Support site at <https://support.software.dell.com/release-notes-product-select>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. In addition, the portal provides direct access to product support engineers through an online Service Request system.

The site enables you to:

- View Knowledge Base articles at:
<https://support.software.dell.com/kb-product-select>
- View instructional videos at:
<https://support.software.dell.com/videos-product-select>
- Engage in community discussions
- Chat with a support engineer
- Create, update, and manage Service Requests (cases)
- Obtain product notifications

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Legend



CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.



WARNING: A WARNING icon indicates a potential for property damage, personal injury, or death.



IMPORTANT NOTE, NOTE, TIP, MOBILE, or VIDEO: An information icon indicates supporting information.

Last updated: 4/16/2015

232-002853-00 Rev A