

Release Notes

Contents

<i>Platform Compatibility</i>	1
<i>Licensing on the Dell SonicWALL SRA Appliances and Virtual Appliance</i>	1
<i>Important Differences between the SRA Appliances</i>	2
<i>Known Issues</i>	4
<i>Resolved Issues</i>	5
<i>Upgrading SRA Image Procedures</i>	7
<i>Related Technical Documentation</i>	9

Platform Compatibility

The Dell SonicWALL SRA 6.0.0.12 release is supported on the following platforms:

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

Licensing on the Dell SonicWALL SRA Appliances and Virtual Appliance

The Dell SonicWALL SRA 6.0.0.12 firmware provides for user-based licensing on Dell SonicWALL SRA appliances and SRA Virtual Appliance. By default, the SRA 4600/4200 comes with a 25-user license and the SRA 1600/1200 and Virtual Appliance come with a 5-user license. On the SRA 4600/4200, extra licenses are added in 10, 25, and 100 user denominations, up to a maximum that allows for 500 concurrent user sessions. On the SRA 1600/1200 and Virtual Appliance, customers can add licenses in 5-user and 10-user denominations, up to a maximum of 50 concurrent user sessions.

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.

Release Notes

- 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.
- Type a descriptive name for the appliance or virtual appliance into the **Friendly Name** field, and then click **Submit**.
- Click **Continue** after the registration confirmation is displayed.
- Optionally upgrade or activate licenses to other services displayed on the System > Licenses page.
- After activation, view the System > Licenses page to see a cached version of the active licenses.

Important Differences between the SRA Appliances

Although all SRA appliances support major SRA features, not all features are supported on all SRA appliances.

Similarities

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

- Virtual Office
- NetExtender
- Secure Virtual Assist
- Secure Virtual Access
- Application Offloading
- End Point Control
- Web Application Firewall

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
Hardware-based SSL Acceleration		X			
Generic SSL Offloading Portals	X	X			
Application Profiling	X	X			X
High Availability (HA)	X	X			
Virtual Meeting	X	X			X

Release Notes

Following are examples of the different System > Settings pages on the SRA Virtual Appliance and SRA hardware appliances:

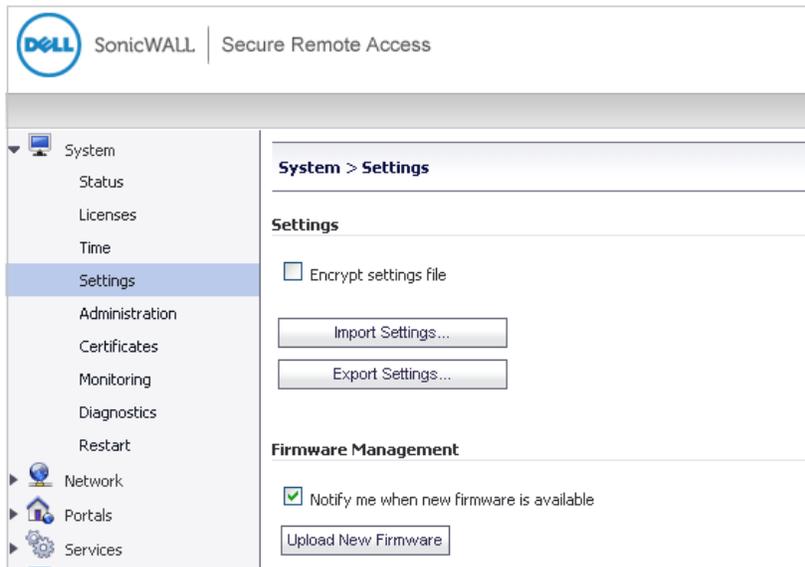


Figure 1 System > Settings page for SRA Virtual Appliance

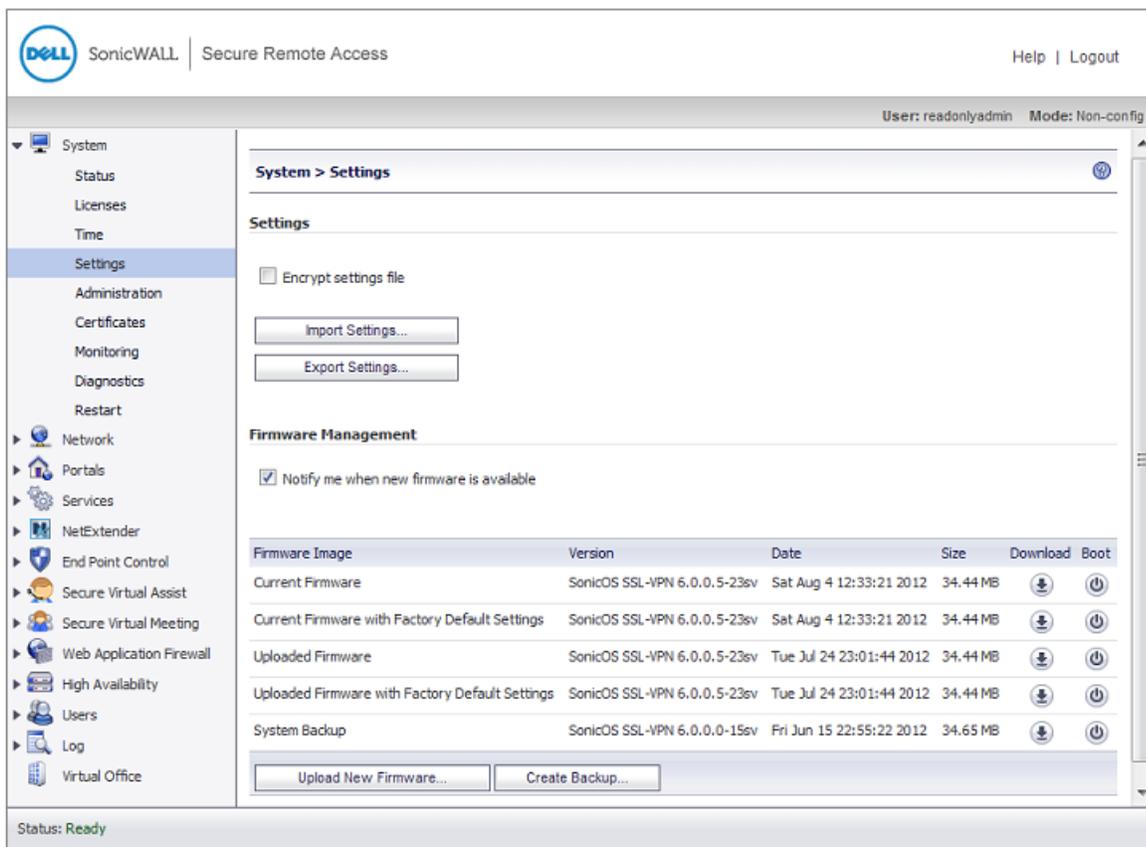


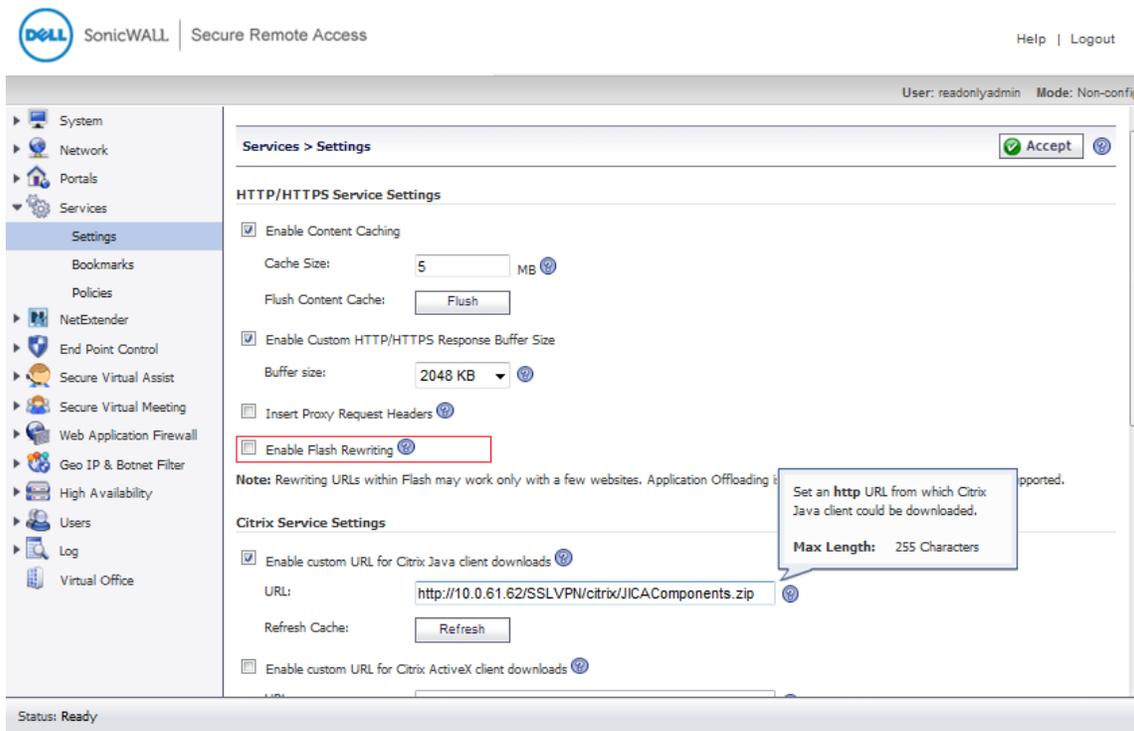
Figure 2 System > Settings page for SRA Hardware Appliances

Release Notes

Feature Enhancements in SRA 6.0.0.12

SonicWALL SRA 6.0.0.12 software includes the following new or enhanced features:

- Enable Flash Rewriting** - The Services > Settings page now contains an Enable Flash Rewriting check box. When enabled, this feature rewrites URLs contained in Flash files. Rewriting URLs in Flash may work only with a few websites. Application Offloading is recommended for unsupported Web sites.



Known Issues

This section contains a list of known issues in the SRA 6.0.0.12 release.

NetExtender

Symptom	Condition / Workaround	Issue
Mac OS cannot send packets to the remote network after connecting with NetExtender.	Occurs when the local and remote networks use the same address. Workaround: Change the subnet on either end of the connection to avoid routing conflicts.	116934

Reverse Proxy

Symptom	Condition / Workaround	Issue
Client integration of SharePoint 2010 is not supported.	Occurs when Client integration is enabled. Workaround: Configure Sharepoint 2010 to disable client integration, or, if client integration is enabled, right-click the document to open it, save it locally, and then open it with the Office program.	125530

Release Notes

Resolved Issues

The following issues are resolved in the SRA 6.0.0.12 release:

ActiveX

Symptom	Condition / Workaround	Issue
An RDP bookmark cannot be opened.	Occurs when a bookmark uses a custom port.	124639

Administrator Management Console

Symptom	Condition / Workaround	Issue
The Users > Local Groups > Bookmarks page is blank.	Occurs when the user type is External Administrator.	125578

Application Offloading

Symptom	Condition / Workaround	Issue
Email account synchronization via ActiveSync fails after an account is added.	Occurs when using a Windows mobile device and the user session times out or is logged out by the Administrator.	125190
The <i>We Couldn't Find That Page (404 Error)</i> message is displayed when opening an internal Web site.	Occurs when an internal Web site with a long URL is configured with Application Offloading and is accessed via the VPN.	124160

Authentication

Symptom	Condition / Workaround	Issue
User name is not parsed correctly.	Occurs when an Active Directory user name contains a grave accent mark.	124646
Certificate authentication fails for external users.	Occurs when a user who is not defined in the VPN but defined in the Active Directory logs in for the first time.	123910

Java Client

Symptom	Condition / Workaround	Issue
Single Sign-On fails when using a Java RDP bookmark after upgrading to 6.0.0.8-27sv.	Occurs when SSO is configured with "Use SSL VPN account credentials" but not "Use Login Domain for SSO".	124114

System

Symptom	Condition / Workaround	Issue
Memory leaks are found in SMM process.	Occurs when launching a bookmark.	125583

Release Notes

Vulnerability

Symptom	Condition / Workaround	Issue
Users are not prompted to verify whether a server certificate is trusted.	Occurs when using Mac OS X or Linux NetExtender clients.	125726
PCI compliance check fails due to Web Server Predictable Session ID vulnerability.	Occurs when authentication is disabled for the application offloading portal.	125577
Multiple vulnerabilities found in login to public servers.	Occurs when user creates a user name or logs in with a user name that contains minimal characters, is in an unexpected format, or contains malicious content.	120795
Attacker with previous MitM access can compromise a user's SSL/TLS-protected HTTPS cookie.	Occurs when using TLS 1.0.	107967

Upgrading SRA Image Procedures

The following procedures are for upgrading an existing SRA firmware image or Virtual Appliance software image to a newer version:

<i>Obtaining the Latest SRA Image Version</i>	<i>7</i>
<i>Exporting a Copy of Your Configuration Settings</i>	<i>7</i>
<i>Uploading a New SRA Image</i>	<i>7</i>
<i>Resetting the Dell SonicWALL SRA Appliances Using SafeMode</i>	<i>8</i>

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 you 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_6.0.0.12_6.0.0_p_31sv_518416.sig

For the Dell SonicWALL Virtual Appliance, this is a file such as:

sw_sslvpnsra-vm_eng_6.0.0.12_6.0.0_p_31sv_518416.sig

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.

Perform the following procedures to save a copy of your configuration settings and export them to a file on your local management station:

1. Click the **Export Settings . . .** button on the **System > Settings** page and save the settings file to your local machine. The default settings file is named *sslvpnSettings.zip*.



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

Note: 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 – New!** You can then import a settings file saved from the previous version or reconfigure manually.

1. Download the SRA image file from www.mysonicwall.com 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.

Release Notes

- 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 preference, click the boot icon for the following entry:
Uploaded Firmware – New! 
 - To reboot the image with factory default settings, click the boot icon for the following entry:
Uploaded Firmware with Factory Defaults – New! 
- Note:** *Be sure to save a backup of your current configuration settings to your local machine 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.*
- 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.
 - 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:

- 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.*

- 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.*

The **Test** light starts blinking when the Dell SonicWALL security appliance has rebooted into SafeMode.

- 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.
- Try rebooting the Dell SonicWALL security appliance with your current settings. Click the boot icon  in the same line with **Current Firmware**.
- 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**.

Release Notes

Related Technical Documentation

This section contains a list of technical documentation available on the Dell SonicWALL Technical Documentation Online Library located at:

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

The screenshot shows the Dell SonicWALL Technical Documentation Online Library. The top navigation bar includes the Dell SonicWALL logo, menu items (Products, Solutions, How to Buy, Support), and user options (Sign In, Register). The main content area is titled 'Support for Dell™ SonicWALL™ Products and Services' and features a 'Service Bulletins' section with a highlighted entry for 'SRA Series Filter Weakness and Bypass Vulnerability'. Below this is a 'Knowledge Base Search' box with a search input field and a 'Search...' button. The page also includes sections for 'Top Support Topics' and 'Recent Video Tutorials'. A sidebar on the left contains a 'Support' menu with various navigation options.

Figure 3 Dell SonicWALL Technical Documentation Online Library

Information about Dell SonicWALL SRA is found in the many reference guides available on the Web site, including the following:

- *Dell SonicWALL SRA Administrator's Guide*
- *Dell SonicWALL SRA User's Guide*
- *Dell SonicWALL SRA NetExtender Feature Module*
- *Dell SonicWALL SRA Citrix Access Feature Module*
- *Dell SonicWALL SRA Web Application Firewall Feature Module*
- *Dell SonicWALL SRA Application Offloading and HTTP(S) Bookmarks Feature Module*

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