

# Dell™ SonicWALL™ Secure Mobile Access 8.1.0.6

## Release Notes

### October 2016

These release notes provide information about the Dell™ SonicWALL™ Secure Mobile Access 8.1.0.6 release.

Topics:

- [About Secure Mobile Access 8.1.0.6](#)
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## About Secure Mobile Access 8.1.0.6

Secure Mobile Access (SMA) 8.1.0.6 is a maintenance release that includes a number of resolved issues. See [Resolved issues](#) for more information.

## Supported platforms

The SMA 8.1.0.6 release is supported on the following Dell SonicWALL platforms:

- SMA 200
- SMA 400
- SRA 1600
- SRA 4600
- SMA 500v (formerly SRA Virtual Appliance)

The SMA 500v is supported for deployment on VMware ESXi 5.0 and higher.

 **NOTE:** The SMA 500v is not supported on VMware ESX/ESXi 4.0 or 4.1. If you deploy the Virtual Appliance on one of these versions, it should still work, but you might see some warning messages.

# Resolved issues

This section contains a list of resolved issues in this release.

## Log

Resolved issue	Issue ID
Logs randomly stop updating. Occurs in the SMA 8.1.0.2 version when log rotation is not functioning correctly.	172163
SRA is unable to send alert logs though email when there is an alert. SSL/TLS enabled under Log Automation. Occurs when port 465 is used.	179132

## NetExtender

Resolved issue	Issue ID
SSL-VPN login prior to windows login no longer works with NetExtender. Occurs after NetExtender was updated to version 8.0.241.	179135

## Vulnerabilities

Resolved issue	Issue ID
The OpenSSL security advisory upgrade has been updated to version 1.0.2j.	179128

## WAF

Resolved issue	Issue ID
Excluded logs appear requiring a WAF signature "1198" in error. Occurs even when the signature action option has been disabled.	176257

# System compatibility

Topics:

- [Feature support by platform](#)
- [NetExtender client versions](#)
- [Virtual Assist and Virtual Meeting client versions](#)

# Feature support by platform

Although all SMA/SRA appliances support major Secure Mobile Access features, not all features are supported on all SMA/SRA appliances.

The Dell SonicWALL SMA/SRA appliances share most major Secure Mobile Access features, including:

- Virtual Office
- NetExtender

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

## Features not supported on SMA 200 and SRA 1600

The following features are supported on the SMA 400 and SRA 4600, but not on the SMA 200 or SRA 1600:

- Application Profiling
- High Availability
- Virtual Meeting

## NetExtender client versions

The following is a list of NetExtender client versions supported in this release.

Description	Version
NetExtender Linux RPM 32-Bit	8.5.797-1
NetExtender Linux RPM 64-Bit	8.5.797-1
NetExtender Linux TGZ 32-Bit	8.5.797
NetExtender Linux TGZ 64-Bit	8.5.797
NetExtender Windows	8.5.251

 **NOTE:** NetExtender is not supported on the latest version of OS X for Macintosh computers.

## Virtual Assist and Virtual Meeting client versions

The following is a list of the latest Virtual Assist and Virtual Meeting client versions supported in this release.

Description	Version
VirtualAssist Linux RPM	8.5.0.49
VirtualAssist Linux TGZ	8.5.0.49
VirtualAssist MACOS Client Version	8.0.0.10
VirtualAssist Windows Client Version	8.0.0.9

Description	Version
SecureVirtualMeeting MACOS Client Version	8.0.0.10
VirtualMeeting Windows Client Version	8.0.0.8

## Product licensing

The Dell SonicWALL Secure Mobile Access 8.1 firmware provides user-based licensing on Dell SonicWALL SMA/SRA appliances. 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 Secure Mobile Access 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 into 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:*

- 1 Log in 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 log into 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 log in to update the license information on the appliance itself.  
MySonicWALL automatically retrieves the serial number and authentication code.
- 4 Type a descriptive name for the appliance into the **Friendly Name** field, and then click **Submit**.
- 5 Click **Continue** after the registration confirmation is displayed.
- 6 Optionally upgrade or activate licenses for other services.
- 7 After activation, view the **System > Licenses** page on the appliance to see a cached version of the active licenses.

## Upgrading information

This section provides information about obtaining the latest firmware, upgrading the firmware image on your Dell SonicWALL appliance, and resetting your appliance using SafeMode.

Topics:

- [Obtaining the latest Secure Mobile Access firmware](#)
- [Exporting a copy of your configuration settings](#)
- [Upgrading the appliance with new firmware](#)

- [Resetting the SMA/SRA appliance using SafeMode](#)
- [Moving an SMA 500v to SMA 8.1.0.6](#)

## Obtaining the latest Secure Mobile Access firmware

To obtain a new Secure Mobile Access firmware image file for your Dell SonicWALL appliance:

- 1 Log into your MySonicWALL account at <http://www.mysonicwall.com/>.

**i** **NOTE:** If you have already registered your Dell SonicWALL SMA/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 In MySonicWALL, click **Downloads** in the left navigation pane to display the Download Center screen.
- 3 Select your product in the **Software Type** drop-down list to display available firmware versions.
- 4 To download the firmware to your computer, click the link for the firmware version you want and save it to a location on your management station.
  - For the Dell SonicWALL SMA 400 appliance, this is a file such as: `sw_sma400_eng_8.1.0.6_8.1.0_p_21sv_934208.sig`
  - For the Dell SonicWALL SMA 200 appliance, this is a file such as: `sw_sma200_eng_8.1.0.6_8.1.0_p_21sv_934208.sig`
  - For the Dell SonicWALL SRA 4600 appliance, this is a file such as: `sw_sra4600_eng_8.1.0.6_8.1.0_p_21sv_934208.sig`
  - For the Dell SonicWALL SRA 1600 appliance, this is a file such as: `sw_sra1600_eng_8.1.0.6_8.1.0_p_21sv_934208.sig`
  - For the Dell SonicWALL SMA 500v, this is a file such as: `sw_smavm_eng_8.1.0.6_8.1.0_p_21sv_934208.sig`

## Exporting a copy of your configuration settings

Before beginning the update process, export a copy of your Dell SonicWALL SMA/SRA appliance configuration settings to your local machine. The Export Settings feature saves a copy of the current configuration settings, 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 SMA/SRA firmware from which you are exporting the settings.

## Upgrading the appliance with new firmware

This section describes how to upload a new firmware image to the Dell SonicWALL SMA/SRA appliance and then reboot the appliance with the new firmware.

- i** **NOTE:** Dell SonicWALL SMA/SRA appliances do not support downgrading to an earlier firmware version and directly rebooting the appliance with the configuration settings from a higher version. If you are downgrading to a previous version of the Secure Mobile Access firmware, you must select **Boot with factory default settings**. You can then import a settings file saved from the previous version or reconfigure manually.

**To upload a new firmware image and restart the appliance:**

- 1 Download the Secure Mobile Access 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 Secure Mobile Access 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 SMA/SRA appliance with the new Secure Mobile Access image. Do one of the following:
  - To reboot the image with current preferences, click the boot icon for **New Firmware**.
  - To reboot the image with factory default settings, click the boot icon for **New Firmware** and select the **Boot with factory default settings** check box.

- i** **NOTE:** Be sure to save a backup of your current configuration settings to your local computer before rebooting the Dell SonicWALL SMA/SRA appliance with factory default settings, as described in the [Exporting a copy of your configuration settings](#) section.

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

## Resetting the SMA/SRA appliance using SafeMode

If you are unable to connect to the Dell SonicWALL SMA/SRA appliance management interface, you can restart the 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 SMA/SRA appliance in SafeMode:**

- 1 Connect your management station to a LAN port on the Dell SonicWALL SMA/SRA 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.

- i** **NOTE:** The Dell SonicWALL SMA/SRA 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.

- i** **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 Secure Mobile Access image with the factory default settings. Click the boot icon for **Current Firmware** and select the **Boot with factory default settings** check box.

## Moving an SMA 500v to SMA 8.1.0.6

An SMA 500v running SMA 7.5.x.x, 8.0.0.x, or 8.1.0.x can be upgraded to SMA 8.1.0.6 using a .sig file, from the **System > Settings** page.

An SMA 500v running SRA 7.0, or older, cannot be upgraded to SMA 8.1.0.6 because of operating system changes in the SMA 500v 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](#).
- 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 SMA 500v.
- 4 Deploy a new SMA 500v using the SMA 8.1.0.6 OVA file available from <http://www.mysonicwall.com>. This is a file such as:  
sw\_smavm\_eng\_8.1.0.6\_8.1.0\_p\_21sv\_934208.ova
- 5 Power on the new SMA 500v and configure the X0 interface using the command line interface (CLI).
- 6 Log in to the new SMA 500v as "admin" and import your saved configuration settings.
- 7 In MySonicWALL, click the serial number of the old SMA 500v. On the Service Management page for it, click **Delete** to delete licensing for the old SMA 500v. If you are unable to delete the licensing, contact Dell SonicWALL support.

The screenshot shows the SonicWALL MySonicWALL interface. The top navigation bar includes the Dell logo and 'SonicWALL | MySonicWALL'. Below the navigation bar, there is a 'Welcome, Sra Development | Logout' button. The main content area is titled 'Service Management' and shows the URL 'sravm.eng.sonicwall.com'. On the right side of the header, there are three buttons: 'Delete', 'Transfer', and 'Rename'. The 'Delete' button is circled in red. Below the header, there is a table of service details:

Serial Number:	0040102498CF	Node Support:	25
Registration Code:	6VFRPZ38	Platform:	SSL-VPN
Authentication Code:	R5VE-KLD6	Firmware:	8.1.0.2
Code:	Yes	Product:	SMB SSL-VPN SRA Virtual Appliance
Trusted:	Yes	GUID:	42218C07-3B68-8B8A-061B-AB31EEB9BE45
Registered On:	25 Sep 2014	Release Status:	ACTIVE ⚠️

Below the table, there is a message: 'You have no pending tasks'.

- 8 Register the new SMA 500v from the **System > Licenses** page. Enter the serial number and authentication code.

This transfers all the licensed services from the old SMA 500v to the new SMA 500v.

# 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.

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. To access the Support Portal, go to <http://software.dell.com/support/>.

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

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