

# Symantec AntiVirus™ Supplement for Windows Vista



# Symantec AntiVirus™ Supplement for Windows Vista

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# Symantec AntiVirus™ support for Windows Vista overview

This chapter includes the following topics:

- [About Symantec AntiVirus support for Windows Vista](#)
- [System requirements](#)

## About Symantec AntiVirus support for Windows Vista

Symantec AntiVirus provides protection against viruses and security risks for managed and unmanaged clients that run on Windows Vista (32-bit and 64-bit editions). Symantec AntiVirus clients that run on Windows Vista behave in generally the same manner as Symantec AntiVirus clients that run on other supported operating systems, such as Windows 2000/XP.

This guide contains information and procedures that are specific to installing, using, and managing Symantec AntiVirus clients on Windows Vista. You should review this information before you begin installing and using Symantec AntiVirus on Windows Vista.

You can perform the following actions from the Symantec AntiVirus client on Windows Vista:

- Establish and enforce antivirus security policies
- Retrieve content updates, such as virus and security risk definitions
- Control live viruses
- Configure real-time scanning

- Schedule virus and security risk scans
- Analyze log events

See the *Symantec AntiVirus Client Guide* and the *Symantec AntiVirus Installation Guide* for Symantec AntiVirus client information that applies to all the supported operating systems, including Windows Vista.

## System requirements

Symantec AntiVirus clients that run on Windows Vista have minimum operating system requirements. Symantec AntiVirus on Windows Vista also requires that specific ports are opened to permit communication between the managed clients, servers, Symantec System Center, and optional Symantec management components.

For system requirements for the management components that run on Windows 2000, XP, or 2003, see the *Symantec AntiVirus Installation Guide*.

## Open ports

When you install Symantec AntiVirus on Windows Vista, the installation process automatically configures the Windows Firewall to allow exceptions for Symantec AntiVirus processes that require access to your network and the Internet.

If your managed clients run third-party firewall software, and you want to manage these clients through the Symantec System Center, you must open the following ports:

TCP 2967	Allows communication between the Symantec System Center and Symantec AntiVirus clients and servers.
TCP 139	Allows remote installation of Symantec AntiVirus clients.
UDP 38293	Allows Discovery of Symantec AntiVirus servers that manage your clients.

You should permit Rtvscan.exe on all computers, permit Pds.exe on servers, and permit the Symantec System Center to send and receive traffic through your firewalls.

## Operating system requirements

Pentium® IV or higher processors are recommended for all 32-bit and 64-bit components. The following table lists the RAM, storage, and application requirements for Symantec AntiVirus clients.

[Table 1-1](#) lists the system requirements for Symantec AntiVirus clients running on Windows Vista.

**Table 1-1** Operating System Requirements

Component	RAM, storage, and applications
Symantec AntiVirus 32-bit	<ul style="list-style-type: none"><li>■ 512 MB RAM</li><li>■ 255 MB disk space</li></ul>
Symantec AntiVirus 64-bit	<ul style="list-style-type: none"><li>■ 512 MB RAM</li><li>■ 255 MB disk space</li><li>■ Intel® processors that support Intel Extended Memory 64 Technology (Intel EM64T)</li><li>■ AMD® 64-bit Opteron™ and Athlon™ processors</li></ul>



# Installing Symantec AntiVirus client

This chapter includes the following topics:

- [Before you install](#)
- [Modifying Windows Firewall](#)
- [Installing Symantec AntiVirus clients on Windows Vista](#)
- [Installing Symantec AntiVirus clients on Windows Vista through Active Directory Group Policy Object](#)

## Before you install

You have a number of options for installing client software:

- Install from the Symantec System Center.
- Install from the installation CD.
- Install by using the standalone ClientRemote Install Tool.
- Install by using Web-based installations and logon scripts.
- Install by using Active Directory.

---

**Note:** You cannot install Symantec AntiVirus clients on Windows Vista by using logon scripts when users log on to their computers as standard users. Standard users do not run in elevated mode. As a workaround, you can run the installation in the machine logon script instead of the user logon script. You can also deploy or advertise the installation, at which point users can access the link to the installation package and MSI automatically elevates privileges to perform the installation.

---

This guide only covers pre-installation and installation tasks that are specific to installing Symantec AntiVirus clients on Windows Vista. For general information and installation procedures that apply to all supported operating systems, see the *Symantec AntiVirus Installation Guide*.

## Modifying Windows Firewall

Windows Vista contains a firewall that is enabled by default. If the firewall is enabled, you might not be able to install client software remotely from the Symantec System Center and other remote installation tools. You must configure Windows Firewall to allow Symantec AntiVirus components to communicate with each other. You should configure Windows Firewall before you install Symantec AntiVirus software. You can also temporarily disable Windows Firewall on your clients before deploying Symantec AntiVirus.

To configure Windows Firewall to allow you to install Symantec AntiVirus client on Windows Vista, you should configure Enable File and Printer Sharing.

---

**Note:** Symantec AntiVirus also automatically modifies Windows Firewall during installation on Windows Vista to allow specific processes access to your network and the Internet. You are not required to make any further modifications.

---

### To Enable File and Printer Sharing

- 1 On the Windows Vista taskbar, click **Start > Control Panel**.
- 2 In the Control Panel window, click **Security**.
- 3 In the Security window, click **Windows Firewall**.
- 4 In the Windows Firewall dialog box, on the Exceptions tab, check **File and Printer Sharing**.
- 5 Click **OK**.

# Installing Symantec AntiVirus clients on Windows Vista

You have a number of options for installing client software, which include the following:

- Install the software from the Symantec System Center console.
- Install the software from the installation CD.
- Install client software through Active Directory Group Policy Object (GPO) from an administrative install image.

---

**Note:** Symantec AntiVirus does not support migrating over existing or future versions of Symantec AntiVirus client on Windows Vista. You must uninstall all versions of Symantec AntiVirus client on Windows Vista before you install a new version of Symantec AntiVirus on Windows Vista.

---

The easiest way to deploy client software is to use the ClientRemote Install Tool in the Symantec System Center console. With this tool in your production or test environment, you can install Symantec AntiVirus client software to multiple clients at the same time without having to visit each computer individually.

---

**Note:** You must use a server running Symantec AntiVirus version 10.1.5.5000 or higher to use the ClientRemote tool to deploy Symantec AntiVirus clients on Windows Vista. Deployment from legacy Symantec AntiVirus servers is not supported.

You can manage your Symantec AntiVirus Windows Vista-based clients using a server running Symantec AntiVirus 10.1 or earlier, but you must browse to a custom installation path during RemoteClient tool deployment to do so.

---

The latest version of the ClientRemote Install Tool can automatically detect valid client installation packages that are located in newly installed Symantec AntiVirus server computers. You must install the latest versions of the Symantec System Center and Symantec AntiVirus server in your environment. The Symantec System Center installation contains the latest version of the ClientRemote Install Tool that lets you deploy Symantec AntiVirus clients that run on Windows Vista. The latest Symantec AntiVirus server contains the installation packages that the ClientRemote Install Tool uses to deploy the Symantec AntiVirus client to computers running Windows Vista.

---

**Note:** Symantec AntiVirus requires elevated privileges to install.

---

If you want to use the ClientRemote Install Tool from the Symantec System Center to deploy Symantec AntiVirus on your client computers, then you must do the following on each client computer:

- Disable the File Sharing Wizard by using the folder's Options>View menu.
- Enable Network Discovery by using the Network and Sharing center.
- Enable the built-in Administrator account and assign it a password.

---

**Note:** The Windows Vista feature User Access Control (UAC) blocks local administrative accounts from remotely accessing remote administrative shares such as C\$ and Admin\$. To use the ClientRemote Install Tool in this scenario, you should use a Domain Administrative account if the target client computer is part of an Active Directory domain.

---

#### To verify that you have elevated privileges

1 Click **Start > Run...**

2 Type **<target machine name>\C\$**

If you can access the C\$ remote administrative share, then your privileges are elevated.

#### To install Symantec AntiVirus clients on Windows Vista from the Symantec System Center

1 In the Symantec System Center console, in the left pane, right-click the server group that contains the antivirus server that you want to manage your clients.

2 If necessary, click **Unlock Server Group**, and then unlock the server group.

3 In the left pane, click the primary server so that it remains highlighted.

4 On the Tools menu, click **ClientRemote Install**.

5 In the Welcome panel, click **Next**.

6 In the Select Install Source Location panel, do one of the following:

- If you are using the latest version of Symantec AntiVirus server to manage your clients, check **Default**.
- If you are using a legacy version of Symantec AntiVirus server to manage your clients, check **Deploy Install Path**, and then click **Browse** to specify the C:\Program Files\SAV\CLT-INST\WIN32VISTA or the C:\Program Files\SAV\CLT-INST\WIN64VISTA folder.

- 7 Click **Next**.
- 8 In the Select Computers panel, under AntiVirus Servers on the right side, select a computer to act as the parent server (your primary server).
- 9 Under Available Computers on the left side, expand **Microsoft windows network**, expand a group, and then select a client computer.
- 10 Click **Add**.

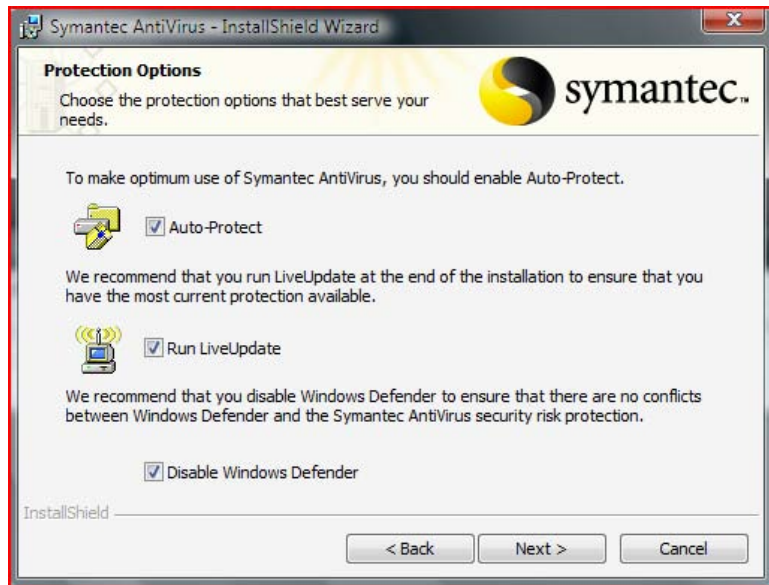
You may need to provide an administrator user name and password to add a client computer. Once the computer is added, it will appear under the AntiVirus parent server in the right pane.
- 11 Continue to select and add client computers until all of the clients that you want to manage are added, and then click **Finish**.
- 12 Click **OK**.
- 13 In the Status of Remote Client Installation(s) panel, when the remote installation is finished, click **Done**.
- 14 After a few minutes, in the Symantec System Center console, on the main menu bar, click **Actions > Refresh**.

The client computer appears in the right pane when the client software is fully installed, which may take several minutes.
- 15 On the main menu bar, click **Console > Save**.

**To install an unmanaged Symantec AntiVirus client on Windows Vista from the installation CD**

- 1 Insert the Symantec AntiVirus CD into the CD-ROM drive.
- 2 In the Symantec AntiVirus panel, click **Install Symantec AntiVirus**, and then in the next panel, click **Install Symantec AntiVirus Client**.
- 3 In the Welcome panel, click **Next**.
- 4 In the License Agreement panel, click **I accept the terms in the license agreement**, and then click **Next**.
- 5 In the Setup Type panel, click **Complete**, and then click **Next**.

- 6 In the Network Setup Type panel, click **Unmanaged**, and then click **Next**.



- 7 In the Protection Options panel, do the following:
- If you want to enable Auto-Protect, ensure that Auto-Protect is checked.
  - If you want to run LiveUpdate at the end of the installation, ensure that Run LiveUpdate is checked.
  - If you want to disable Windows Defender, ensure that Disable Windows Defender is checked.
- 8 Click **Next**.
- 9 In the Ready to Install the Program panel, click **Install**.
- 10 If you chose to run LiveUpdate after installation, do the following:
- Follow the instructions in the LiveUpdate Wizard.
  - When LiveUpdate is finished, click **Finish**.
- 11 In the Symantec AntiVirus panel, click **Finish**.

## Installing Symantec AntiVirus clients on Windows Vista through Active Directory Group Policy Object

You can install Symantec AntiVirus clients on Windows Vista by using by using a Windows 2000/2003 Active Directory Group Policy Object.

Confirm that your DNS server is set up correctly. The correct setup is very important because Active Directory relies heavily on your DNS server for computer communication. To test the setup, from a client computer that has joined the domain, ping the Windows Vista Active Directory computer, and then ping in the opposite direction. Use the fully qualified domain name; the use of the computer name alone does not call for a new DNS lookup. Use the following format:

```
ping computername.fullyqualifieddomainname.com
```

---

**Note:** If User Access Control (UAC) is enabled, you must enable Always install with elevated privileges for Computer Configuration and User Configuration to install Symantec AntiVirus through a Group Policy Object. Setting these options allows all Windows Vista users, including standard users, to install Symantec AntiVirus.

---

To install Symantec AntiVirus clients on Windows Vista by using Active Directory Group Policy Object, you must do the following:

- Create the administrative install image
- Stage the administrative install image
- Create a GPO software distribution
- Ensure that the GPO runs with elevated privileges

#### To create the administrative install image

- 1 Copy the SAVVISTA or SAVWin64VISTA folder to your computer.
- 2 Do one of the following:
  - From a command prompt, navigate to the SAVVISTA folder and type:  
`msiexec /a "Symantec AntiVirus.msi"`
  - From a command prompt, navigate to the SAVWin64VISTA\x64 folder and type:  
`msiexec /a "Symantec AntiVirus Win64.msi"`
- 3 In the Welcome panel, click **Next**.
- 4 In the Network Location panel, enter the location where you want to create the administrative install image, and then click **Install**.
- 5 Click **Finish**.

The administrative install image is created in the location that you specified.

### To stage the administrative install image

- 1 Copy GRC.DAT and the pki folder from the Symantec AntiVirus Server location c:\Program Files\Symantec Client Security\Symantec AntiVirus\CLT-INST\Win32 to the CDVista\SAVVISTA or CDVista\SAVWin64VISTA folder from which you want to install.
- 2 Copy the administrative install image that you created to the CDVista\SAVVISTA or CDVista\SAVWin64VISTA folder from which you want to install.
- 3 From a Windows 2000/2003 Active Directory computer, share the CDVista\SAVVISTA or CDVista\SAVWin64VISTA folder that contains the Symantec AntiVirus client for Windows Vista install files, GRC.DAT, and pki folder.

### To create a GPO software distribution

- 1 From a Windows 2000/2003 Active Directory computer, on the Windows Taskbar, click **Start > Programs > Administrative Tools > Group Policy Management**.
- 2 In the console tree, right-click the organizational unit to which you plan to deploy clients, and then click **Create and Link a GPO Here**.
- 3 Type the following as the new policy name: **Elevated Group Policy**, then click **OK**.
- 4 Right-click **Elevated Group Policy**, and then click **Edit**.
- 5 Under the Computer Configuration, expand **Software Settings**.
- 6 Right-click **Software installation**, and then click **New > Package**.
- 7 In the Open dialog box, type the Universal Naming Convention (UNC) path or browse to the shared Win32 folder that contains the MSI package.

If you use the UNC path to the shared folder, use the format of the following example:

```
\\<server name>\win32\Symantec AntiVirus.msi
```

- 8 Click the Symantec AntiVirus.msi file, and then click **Open**.
- 9 Click **Assigned**, and then click **OK**.

The package is listed in the right pane of the Group Policy window.

**To ensure that the GPO runs with elevated privileges**

- 1 On the Windows Taskbar, click **Start > Programs > Administrative Tools > Group Policy Management**.
- 2 Under Computer Configuration, expand **Administrative Templates > Windows Components**.
- 3 Click **Windows Installer**.
- 4 In the right pane, double click **Always install with elevated privileges**.
- 5 Check **Enable**.
- 6 If the option is present, check **Check to force setting on; uncheck to force setting off**.  
Some organizational units may not show this option.
- 7 Click **Apply**, and then click **OK**.
- 8 Under User Configuration, expand **Administrative Templates > Windows Components**.
- 9 Click **Windows Installer**.
- 10 In the right pane, double click **Always install with elevated privileges**.
- 11 Check **Enable**.
- 12 If the option is present, check **Check to force setting on; uncheck to force setting off**.  
Some organizational units may not show this option.
- 13 Click **Apply**, and then click **OK**.
- 14 Close the Group Policy window, and then click **Close** or **OK**.
- 15 Close Group Policy Management.
- 16 To apply the changes, on the Windows taskbar, click **Start > Run**.
- 17 In the Open box, type the following text:  
**gpupdate**
- 18 Click **OK**.

When the client computer starts, the Symantec AntiVirus client software package is installed before the logon.



# Managing Symantec AntiVirus client on Windows Vista

This chapter includes the following topics:

- [About managing Symantec AntiVirus client on Windows Vista](#)
- [What you need to manage Symantec AntiVirus clients on Windows Vista](#)

## About managing Symantec AntiVirus client on Windows Vista

Symantec AntiVirus managed clients that run on Windows Vista must be managed by Symantec management components that are installed on supported operating systems. Symantec AntiVirus server, the Symantec System Center, and other Symantec management components are not supported on Windows Vista. You can install these components on supported operating systems, such as Windows 2000 or XP. After you install these components, you can use the components to manage your Symantec AntiVirus clients that run on Windows Vista.

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**Note:** The latest version of the Symantec AntiVirus server installation contains new client installation packages for 32-bit and 64-bit computers, and for Windows Vista and pre-Vista computers. When you install the Symantec AntiVirus client by using the latest version of the ClientRemote Install Tool, the tool determines the client's operating system and installs the appropriate installation package to the client. The additional client installation packages in Symantec AntiVirus server increase the amount of disk space that the server uses on your computer by approximately 60 MB.

---

For information on installing and configuring the Symantec AntiVirus server and management components, see the following guides:

- *Symantec AntiVirus Administrator's Guide*
- *Symantec AntiVirus Installation Guide*
- *Reporting User's Guide*
- *Endpoint Compliance Implementation Guide*
- *Symantec Central Quarantine Administrator's Guide*

## What you need to manage Symantec AntiVirus clients on Windows Vista

You can manage Symantec AntiVirus clients that run on Windows Vista from the Symantec System Center. You must assign a Symantec AntiVirus server to act as the parent management server for the Symantec AntiVirus client. You can assign a parent management server when you are installing the client.

---

**Note:** You cannot install Symantec AntiVirus server or the Symantec System Center on Windows Vista. You must install these components on supported operating systems, such as Windows 2000 or XP.

---

You need the following management components to manage Symantec AntiVirus on Windows Vista. These components are installed by default when you install the Symantec System Center:

Symantec AntiVirus Snap-in	Required to manage antivirus protection on client computers.
----------------------------	--

ClientRemote Install Tool

Required to push the Symantec AntiVirus client installation to remote computers that run Windows Vista. You must use the latest version of the Client Remote Install Tool to remotely deploy Symantec AntiVirus clients running on Windows Vista. You must also upgrade your Symantec AntiVirus server to automatically deploy Symantec AntiVirus clients on Windows Vista.

**Note:** The latest versions of the ClientRemote Install Tool and Symantec AntiVirus server are included in the installation CD, and can also be downloaded from the designated download location.

Other management components are installed by default and can be used to manage clients that run on pre-Vista operating systems. If your network also consists of Windows 2000 or XP computers, you should install these other management components so that you can fully manage all your computers.

If you elect not to install any of these management components with the Symantec System Center, you can run the Symantec System Center installation later and select them.

See the *Symantec AntiVirus Administrator's Guide* for more information on how to manage Symantec AntiVirus clients on Windows Vista.



# Using Symantec AntiVirus client on Windows Vista

This chapter includes the following topics:

- [About the Symantec AntiVirus client on Windows Vista](#)

## About the Symantec AntiVirus client on Windows Vista

Symantec AntiVirus clients that run on Windows Vista function in a similar way to clients that run on previously supported operating systems, such as Windows 2000 and XP. Any differences are a result of new features of the Windows Vista operating system.

[Table 4-1](#) lists Symantec AntiVirus features that function differently on Windows Vista-based computers.

**Table 4-1** Symantec AntiVirus client on Windows Vista unique features

Function	Description
LiveUpdate	Demonstrates the following new behavior: <ul style="list-style-type: none"><li>■ Runs in silent mode for standard users. Users with administrator privileges continue to run LiveUpdate interactively.</li><li>■ Standard users can run LiveUpdate from the main user interface on unmanaged Symantec AntiVirus clients.</li><li>■ Default location of risk definitions changed from C:\Program Files\Common Files\Symantec Shared\VirusDefs to C:\ProgramData\Symantec\Definitions\VirusDefs</li></ul>

**Table 4-1** Symantec AntiVirus client on Windows Vista unique features  
*(continued)*

Function	Description
Remote Registry service	<p>This Windows service needs to be turned on for client deployment. The Remote Registry service is turned off by default on Windows Vista. The Symantec AntiVirus ClientRemote tool automatically turns this service on if it is off. After installation completes, Symantec AntiVirus installation turns the service off.</p> <p>Depending on the speed of the target client computer and other timing issues, the ClientRemote tool may prompt you that the target client computer does not have the Remote Registry service running. If you receive this prompt, adding the client computer a second time often resolves the problem.</p> <p>If the Remote Registry service is removed, then remote client installation fails.</p>
Windows Security Center	<p>Demonstrates the following behavior:</p> <ul style="list-style-type: none"> <li>■ Symantec AntiVirus client installation turns off Windows Defender spyware protection by default. Windows Defender is turned off to prevent compatibility issues that occur when more than one antispysware application is installed on the same computer. You can override this behavior by unchecking the Disable Windows Defender checkbox during the client installation.</li> <li>■ Symantec AntiVirus client installation automatically creates Windows Firewall exceptions for Rtvscan.exe and ccapp.exe, which allows these processes access to your network and the Internet. You should not delete these firewall exceptions. Deleting these exceptions can prevent your clients from receiving definitions and policy updates, and can prevent your clients from sending and receiving email.</li> <li>■ Updates the Malware protection category with the status of Virus protection and Spyware and other malware protection categories.</li> </ul>
User Account Control (UAC)	<p>Blocks local administrative accounts from remotely accessing remote administrative shares such as C\$ and Admin\$.</p>

**Table 4-1** Symantec AntiVirus client on Windows Vista unique features  
*(continued)*

Function	Description
ClientRemote Install Tool and the installation packages available on Symantec AntiVirus Server	<p>Determines the operating system of the computer and installs the appropriate client installation package that is available on the Symantec AntiVirus server. The latest version of the ClientRemote Install Tool lets you deploy Symantec AntiVirus client to multiple client operating systems including Windows Vista.</p> <p><b>Note:</b> The Symantec AntiVirus client installation packages for Windows Vista are available in the latest version of Symantec AntiVirus server. You must upgrade your Symantec AntiVirus server to automatically deploy Symantec AntiVirus clients on Windows Vista. The latest version of Symantec AntiVirus server is included in the installation CD, or can be downloaded from the designated download location.</p> <p>The following client installation packages are found on the Symantec AntiVirus server and are made available to the ClientRemote Install Tool:</p> <ul style="list-style-type: none"> <li>■ 32-bit Windows pre-Vista client</li> <li>■ 64-bit Windows pre-Vista client</li> <li>■ 32-bit Windows Vista client</li> <li>■ 64-bit Windows Vista client</li> </ul>
Intelligent Updater	<p>Successfully updates definitions on the endpoint, but you receive a Program Compatibility Assistant error that states that the program did not install correctly. You should ignore this error message.</p>
Risk notifications	<p>Demonstrates the following new behavior:</p> <ul style="list-style-type: none"> <li>■ If a scan or Auto-Protect detects a security risk when you are logged out of the computer, you are notified of the risk when you log on to the computer.</li> <li>■ Auto-Protect notifications appear in the correct user session.</li> </ul>

**Table 4-1** Symantec AntiVirus client on Windows Vista unique features  
*(continued)*

Function	Description
Scans	<p>Demonstrates the following new behavior:</p> <ul style="list-style-type: none"> <li>■ Requires the Symantec AntiVirus service to be running to perform any scans.</li> <li>■ Continues administrator-scheduled scans when the user logs out. Stops user-scheduled scans when the user logs out.</li> <li>■ For user-scheduled scans that initiate when the user is logged on, the scan stops when the user logs out.</li> <li>■ For user-scheduled scans that initiate when the user is not logged but are configured to run when the user is logged off, the scan behaves like an administrator-scheduled scan.</li> </ul>
Auto-Protect	<p>Demonstrates the following new behavior:</p> <ul style="list-style-type: none"> <li>■ Requires the Event Manager service to be running for Auto-Protect to function.</li> <li>■ Allows standard users with elevated privileges to enable and disable Auto-Protect from the system tray icon. When a standard user attempts to enable or disable Auto-Protect from the system tray icon, a User Account Control windows appears and the user must enter the administrator password to continue.</li> <li>■ Stops and restarts the Symantec AntiVirus service when Auto-Protect is upgraded or reloaded.</li> <li>■ Prevents you from shutting down Auto-Protect after it is started. Auto-Protect starts up with the service, but remains running until you stop it manually or you shut down your computer.</li> <li>■ Allows Auto-Protect to be updated independently of other components. If Auto-Protect can be updated through another product installation, the RTVScan service will stop and restart to update the Auto-Protect interfaces.</li> </ul>
Symantec AntiVirus service	<p>Removes ability to load and unload service from the main user interface.</p>
Logs	<p>Demonstrates the following new behavior:</p> <ul style="list-style-type: none"> <li>■ Removes the option to purge logs or change the log purge options from the main user interface for standard users.</li> <li>■ Changes the default logs directory from C:\Documents and Settings\All Users\Application Data\Symantec\Symantec AntiVirus Corporate Edition\7.5\Logs to C:\ProgramData\Symantec\Symantec AntiVirus Corporate Edition\7.5\Logs</li> </ul>

**Table 4-1** Symantec AntiVirus client on Windows Vista unique features  
*(continued)*

Function	Description
Virtualized folders	Shows virtualized paths to standard users in Symantec AntiVirus notifications, histories, and views. Users who log on to Vista as administrators view the actual paths.
Quarantine	Does not prompt you if there are items in the Quarantine when you uninstall Symantec AntiVirus. Any items in the Quarantine are not deleted by default.
Licenses	Changes the default license directory from C:\Program Files\Common Files\Symantec Shared\Licenses to C:\ProgramData\Symantec Shared\Licenses  If your product does not require a content license, you can ignore this information.



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