

Release Notes for McAfee(R)  
VirusScan for Mac version 8.6.1  
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- Release Date: May, 2008

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Thank you for using VirusScan for Mac v8.6.1 software. This file contains important information regarding this release. We recommend that you read the entire document.

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### ABOUT THIS RELEASE

VirusScan for Mac is an anti-virus application that helps you keep your Apple computer free of viruses, Trojan horses and other malware. VirusScan for Mac features On-Demand scanning, On-access scanning, scan and update scheduling, automatic DAT updating, and drag-and-drop scanning.

VirusScan for Mac also integrates with McAfee ePolicy Orchestrator, versions 3.6.1 and 4.0 to provide you with a single point of control for your systems running VirusScan for Mac software. The VirusScan for Mac design is based on Cocoa, the specialized Mac OS X application environment.

### NEW FEATURES

- Support for updating virus signatures (DATs) and scanning engine from ePolicy Orchestrator repositories
- Support for updating virus signatures (DATs) and scanning engine from HTTP and local repositories
- Support for specifying a list of FTP, HTTP, and/or local repositories for updating virus signatures (DATs) and scanning engine
- Support for VirusScan for Mac deployment and installation from ePolicy Orchestrator
- Support for installing HotFixes and Patches for VirusScan for Mac from ePolicy Orchestrator
- Support for proxy server authentication
- McAfee Agent 4.0 support

- Addition of Minimum Escalation Requirements tool

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## INSTALLATION AND SYSTEM REQUIREMENTS

### VIRUSSCAN FOR MAC

Before you install VirusScan for Mac, make sure your operating system is up-to-date and the previous version of VirusScan (or Virex) is uninstalled.

Ensure that you uninstall Non-Windows Agent (NWA) if already installed on your computer. In the Terminal window, type the following command and press Enter:

```
/Library/NETAepoagt/cmduninst
```

If you do not uninstall NWA before installing VirusScan for Mac 8.6.1, an alert appears at the initial stage of the installation process prompting you to uninstall NWA.

The VirusScan for Mac installation stops if you have installed Norton, VirusBarrier or Sophos Anti-Virus software on your Mac OS X machine. Even after you uninstall Norton, VirusBarrier or Sophos, there might be files that remain on your system that cause problems when you try to install VirusScan for Mac. To resolve this issue, remove the following files (if they exist) before you continue to install the product.

- Sophos (SAVI.framework)

Path:

```
/Library/Frameworks/SAVI.framework
```

- Norton (NAVLibX)

Path:

/Library/Application Support/Norton Solutions Support/Norton  
Antivirus/Engine/NAVLibX

- Norton (NAVLibX.bundle)

Path:

/Library/Application Support/Norton Solutions Support/Norton  
AntiVirus/Engine/NAVLibX.bundle

- Norton

Path:

/Library/Receipts/Norton AntiVirus Application.pkg

- VirusBarrier (VirusBarrier.kext)

Path:

/Library/StartupItems/VirusBarrier/VirusBarrier.kext

NOTE:

VirusScan for Mac 8.6.1 does not co-exist with any  
third party anti-virus software. Any such instance  
may result in unexpected issues.

## SYSTEM REQUIREMENTS

- To install VirusScan for Mac software, you  
require a PowerPC or Intel based Mac computer,  
Mac OS X Tiger (10.4.6 or later) or Mac OS X  
Leopard (10.5 or later) Operating system, 512 MB  
(or higher) RAM, minimum 90MB of free disk  
space.
- VirusScan for Mac integrates with ePolicy  
Orchestrator versions 3.6.1, and 4.0.

NOTE:

You will be able to use ePolicy Orchestrator  
related functionality only if you have ePolicy

Orchestrator and McAfee Agent installed and configured to manage VirusScan for Mac. The use of ePolicy Orchestrator is optional and VirusScan for Mac can be used as a standalone product (along with McAfee Agent).

## INSTALLING VIRUSSCAN FOR MAC

VirusScan for Mac can be installed through either a standard (graphical interface) installation, or a command-line (silent) installation.

You must have administrative privileges to install this product.

### STANDARD INSTALLATION

The standard installation procedure includes installing VirusScan for Mac 8.6.1 with McAfee Agent 4.0.

#### NOTE:

Installing McAfee Agent 4.0 is mandatory to install VirusScan for Mac 8.6.1.

Ensure that you uninstall Non-Windows Agent (NWA) if already installed on your computer. You should have administrative privileges to uninstall NWA. In the Terminal window, type the following command and press Enter:

```
/Library/NETAepoagt/cmduninst
```

If you do not uninstall NWA before installing VirusScan for Mac 8.6.1, an alert appears at the initial stage of the installation process prompting you to uninstall NWA.

1. Double-click VirusScan.mpkg. The Welcome to the VirusScan For Mac Installer screen appears.
2. Click Continue.

3. Read the Release Notes for VirusScan for Mac 8.6.1, then click Continue.
  4. Select the appropriate language from the drop-down, read the Software License Agreement, then click Continue.
  5. Click Agree to accept the software license agreement.
- NOTE:  
If you click Disagree, the installation cannot continue.
6. Select a destination volume to install VirusScan for Mac 8.6.1, then click Continue.
  7. Click Install to continue installation. The Authenticate dialog box appears.
  8. Type user name and administrator password and click OK. A message appears when the installation completes.
  9. Click Close.

The VirusScan for Mac installer installs the VirusScan application inside the Applications folder and the VirusScan Schedule Editor application inside the Application/Utilities folder of your computer.

## SILENT INSTALLATION

1. Locate the VirusScan.mpkg file, either on the product CD or in the installation .ZIP downloaded from the McAfee web site, and save it to a temporary location.
2. Open the Terminal window and change the working folder to the one where the VirusScan.mpkg file is located.

3. In the Terminal window, type the following command and press Enter:

```
sudo installer -pkg VirusScan.mpkg -target /
```

4. Enter your system password when prompted. A message notifies you when the installation is complete.

## UPGRADE INSTALLATION

You can upgrade to VirusScan for Mac v8.6.1 from earlier VirusScan versions (8.5 and 8.6). After the upgrade, the preferences are migrated from the earlier versions to the current version (v8.6.1).

## INSTALLING VIRUSSCAN FOR MAC 8.6.1 USING EPOLICY ORCHESTRATOR 3.6.1

### CHECKING-IN THE MCAFEE AGENT PACKAGE AND VIRUSSCAN PACKAGE TO THE EPOLICY ORCHESTRATOR SERVER 3.6.1

You can check-in the McAfee Agent package and VirusScan package from the Repository page. Repository is the central location for all McAfee updates residing on the ePolicy Orchestrator server. It retrieves user-specified updates from the McAfee site or user-defined source sites.

1. Extract the Agent PkgCatalog.z package into a temporary folder of your ePolicy Orchestrator computer.

#### NOTE:

PkgCatalog.z can be extracted from ePO Server Components | MSA-MAC 4.0.0 <Build-number package-number Release-type>.zip.

2. Click Repository, then Check in package. The Check in package wizard appears.
3. Click Next.
4. Select Products or updates, then click Next.
5. Click Browse and locate the PkgCatalog.z package of the McAfee Agent (saved in the temporary folder), then click Next. The Check in package wizard displays the Product Name, Product Version, Package Type, and Language.
6. Click Finish to check-in the Agent package file.
7. Once the check-in process completes, click Close.

**NOTE:**

Repeat the same steps and check-in the PkgCatalog.z file of VirusScan package. This PkgCatalog.z file can be extracted from ePO Component | ePO Server Components | VirusScanforMac-8.6.1-<build-number>-EPO.zip.

## CHECKING IN THE MCAFEE AGENT NAP FILE TO THE EPOLICY ORCHESTRATOR SERVER

1. Using an administrative account, log on to the ePolicy Orchestrator server.
2. In the ePolicy Orchestrator console tree, right-click Repository and select Configure Repository. The Configure Software Repository wizard appears.
3. Select Add new software to be managed and click Next.
4. In the Select a Software Package dialog box, browse to and select the CMA370MAC.NAP file.

5. Click Open to enable ePolicy Orchestrator to load the NAP file.

## INSTALLING MCAFEE AGENT

1. Install McAfee Agent 4.0 by double-clicking VirusScan.mpkg.
2. Navigate to the location <ePO install directory>\DB on ePolicy Orchestrator 3.6.1 server.
3. Copy the files SiteList.xml, (from <ePO install directory>\DB) and srpubkey.bin (from <ePO install directory>\DB\Keystore ) to ePO3.6.1\_keys folder.
4. Copy the ePO3.6.1\_keys folder to the client computer.
5. Open the Terminal window on the client computer, type the following command, and press Enter.  
`/Library/McAfee/cma/bin/msaconfig -m -d <the ePO3.6.1_keys folder path>`
6. Restart the agent service by typing the following command in the Terminal window.  
`SystemStarter restart cma`
7. Press Enter.

## DEPLOYING VIRUSSCAN

1. Select the required site, group or a system, click Tasks tab, right-click Deployment, then click Schedule Task. The Schedule Task dialog box appears.
2. Type a name for the new task. Select the Software as ePO Agent for Mac and the Task Type as Product Deployment, then click OK.

3. Double-click the new task.
4. In Task tab, under Schedule Settings, deselect Inherit. Select the Enable (scheduled task runs at specified time) option.
5. Click Settings, deselect Inherit. From the listed products, select Install against VirusScan for Mac 8.6.1. Deselect the option Run this task at every policy enforcement interval.
6. Click Schedule tab and schedule the task to run immediately or as required.
7. Click Apply, then OK.
8. Send an agent wakeup call.

## INSTALLING VIRUSSCAN FOR MAC 8.6.1 USING EPOLICY ORCHESTRATOR 4.0

### CHECKING-IN THE MCAFEE AGENT PACKAGE AND VIRUSSCAN PACKAGE TO THE EPOLICY ORCHESTRATOR SERVER 4.0

You can check-in the Agent package and VirusScan package from the Master Repository page. Master Repository is the central location for all McAfee updates residing on the ePolicy Orchestrator server. It retrieves user-specified updates from McAfee site or user-defined source sites.

1. Using an administrative account, log on to the ePolicy Orchestrator server.
2. Click Software | Check in Package. The Check In Package page appears.
3. Choose the Package type as Product or Update (.ZIP). Browse in File path to locate and check-in the MSA-MAC 4.0.0 <Build-number package-number Release-type>.zip file (found in

the ePO Server Components folder).

4. Click Next. The Package Options page appears with the Package info.
5. Choose the Branch as Current.
6. Click Save.

**NOTE:**

Repeat the same steps and check-in the VirusScan package  
VirusScanforMac-8.6.1-<Build-number>-EPO.zip  
(found in the ePO Server Components folder).

## INSTALLING MCAFEE AGENT

After checking-in the McAfee Agent package to the ePolicy Orchestrator server 4.0, you should manually install McAfee Agent 4.0 on the client computers.

1. Copy install.sh file from <ePO install directory>\DB\Software\Current\EPOAGENT3700MACX\Install\0409 to the client computer.
2. Type install.sh -i in the Terminal window and press Enter for fresh installation of the agent.  
To upgrade the agent, you can type install.sh -u in the Terminal window and press Enter.

**NOTE:**

The install.sh file is created automatically after you check-in the Agent package in to the ePolicy Orchestrator server.

## DEPLOYING VIRUSSCAN

1. Click Systems, select the required system(s), click Client Tasks tab, then New Task. The Client Task Builder page appears.

2. In Description, type a Name, Notes (if required), select the Type as Product Deployment (McAfee Agent), then click Next.
3. In Configuration, select Mac as Target Platforms, VirusScanforMac 8.6.1 as Products and components, Install as Action and the appropriate Language, then click Next.
4. Schedule the task to run immediately or as desired, then click Next to view a Summary of the task.
5. Send an agent wakeup call.

## TESTING YOUR INSTALLATION

You can test VirusScan by using the European Institute of Computer Anti-Virus Research (EICAR) standard anti-virus test file. This file is a combined effort by anti-virus vendors throughout the world to implement one standard by which customers can verify their anti-virus software.

To test your installation:

1. Go to the EICAR.ORG website <http://www.eicar.org> and download the AntiVirus test file, Eicar.zip.
2. Run the On-Demand Scanner on the downloaded ZIP file. VirusScan will report finding the EICAR test file.

If the test is successful, you are now ready to start using the VirusScan software.

## UNINSTALLING VIRUSSCAN FOR MAC AND MCAFEE AGENT

If you uninstall VirusScan 8.6.1, you should also uninstall McAfee Agent 4.0.

You can uninstall VirusScan by using the uninstall file (VirusScan Uninstall.command), either on the product CD, or in the installation .ZIP file downloaded from the McAfee website.

To uninstall VirusScan:

1. Do one of the following:

- Double-click the VirusScan Uninstall.command icon.
- Drag the VirusScan Uninstall.command icon, drop it in the Terminal window and press Enter.
- In the Terminal window, change the directory to /usr/local/vscanx, then execute VirusScan Uninstall.command.

NOTE:

To open the Terminal application, double-click the application located under /Application/Utilities.

2. When prompted, type your administrator password and press Enter. (No characters display when you type your password).

When the uninstallation process completes successfully, a message displays in the Terminal window to show that VirusScan software has been removed from your computer.

To uninstall McAfee Agent 4.0:

1. Open the Terminal window.
2. Type the following command and press Enter:

```
/Library/McAfee/cma/uninstall.sh
```

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## KNOWN ISSUES

### KNOWN ISSUES WITH VIRUSSCAN FOR MAC

1. For Apple Mail scanning, with both the On-Access and On-Demand scanners, archive scanning must be enabled to ensure mails are scanned correctly.
2. In certain scenarios, the On-access Scanner logs multiple "infection found" messages in the VirusScan.log and the VirusScan Reporter for a single infection. This is due to multiple processes accessing the infected file.
3. Adding the startup disk to the exclusion list excludes your entire hard disk drive.
4. The VirusScan user interface does not show the updated policies pushed from ePolicy Orchestrator, unless the Preferences dialog box is relaunched.
5. Machine information might be displayed incorrectly in the Properties of ePolicy Orchestrator.
6. Component Engine Update (CEU) does not work.
7. EXTRA.DAT update feature through ePolicy Orchestrator does not work.

### KNOWN ISSUES WITH EPOLICY ORCHESTRATOR

1. When you delete the VirusScan for Mac node from the ePolicy Orchestrator console tree, do not select "Uninstall agent from all connected computers" in the "Delete confirmation" message box. If you do, the VirusScan for Mac node will no longer be shown in the ePolicy Orchestrator console tree.

2. Removed exclusions remain under the VirusScan for Mac Properties tab. The list gets refreshed when you create new exclusions.
3. You cannot remove the first exclusion in ePolicy Orchestrator 4.0. The exclusion is pushed to the client computer even after you deselect Enable Exclusions in Policies tab. You can view this exclusion in the Preferences dialog box (under Excluded File or Folder).

#### WORKAROUND:

Remove the exclusion manually using the Backspace key.

4. VirusScan for Mac generates incorrect ePolicy Orchestrator events for infected emails.
5. You must add <http://about:blank> to the trusted site list in Internet Explorer 7.0, for the Task Settings page to appear properly.

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## DOCUMENTATION

The release of this product includes the following documentation set:

- VirusScan for Mac 8.6 User Guide — This guide introduces the product, describes its features, gives details on how to install and configure the software, ongoing operation and maintenance. The guide also introduces ePolicy Orchestrator (3.6, 3.6.1, and 4.0) manageability features for VirusScan and provides detailed instructions for installing, configuring and managing the software in an enterprise environment. This guide is available in .PDF format in the Documentation folder of the product package.
- VirusScan for Mac 8.6.1 User Guide-Addendum —

This guide provides information on the changes/additions documented for VirusScan for Mac version 8.6.1. Changes in this document supersede the information present in the existing VirusScan for Mac 8.6 User Guide. This guide is available in .PDF format in the Documentation folder of the product package.

- VirusScan for Mac Release Notes — This file describes the product features, last-minute additions or changes to the documentation, lists any known behavior or other issues with the product release, and describes the installation process. This ReadMe is available in the Documentation folder of the product package.
- McAfee Agent Release Notes — This file describes the agent features, lists any known behavior or other issues with the product release, and describes the ePolicy Orchestrator Agent installation process.
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<http://www.mcafeesecurity.com/us/downloads/beta/mcafeebetahome.htm>

To submit beta feedback on any McAfee product, send e-mail to:

[mcafee\\_beta@mcafee.com](mailto:mcafee_beta@mcafee.com)

McAfee is committed to providing solutions based on your input.

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## CONTACT INFORMATION

THREAT CENTER: McAfee Avert(R) Labs

Homepage

[http://www.mcafee.com/us/threat\\_center/default.asp](http://www.mcafee.com/us/threat_center/default.asp)

Avert Labs Threat Library

<http://vil.nai.com/>

Avert Labs WebImmune & Submit a Sample (Logon credentials required)

<https://www.webimmune.net/default.asp>

Avert Labs DAT Notification Service

[http://vil.nai.com/vil/signup\\_DAT\\_notification.aspx](http://vil.nai.com/vil/signup_DAT_notification.aspx)

## DOWNLOAD SITE

Homepage

<http://www.mcafee.com/us/downloads/>

- Product Upgrades (Valid grant number required)
- Security Updates (DATs, engine)
- HotFix and Patch Releases
  - For Security Vulnerabilities (Available to the public)
  - For Products (ServicePortal account and valid grant number required)
- Product Evaluation
- McAfee Beta Program

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### Download Site:

<http://www.mcafeesecurity.com/us/downloads/beta/mcafeebetahome.htm>

### E-mail to Submit Beta Feedback:

[mcafee\\_beta@mcafee.com](mailto:mcafee_beta@mcafee.com)

## TECHNICAL SUPPORT

### Homepage

<http://www.mcafee.com/us/support>

### KnowledgeBase Search

<http://knowledge.mcafee.com/>

### McAfee Technical Support ServicePortal (Logon credentials required)

[https://mysupport.mcafee.com/eservice\\_enu/start.swe](https://mysupport.mcafee.com/eservice_enu/start.swe)

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<http://www.mcafee.com/us/about/contact/index.html>

Phone: +1-888-VIRUS NO or +1-888-847-8766  
Monday-Friday, 8am-8pm, Central Time  
US, Canada, and Latin-America  
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