



Release Notes

McAfee VirusScan Enterprise 8.8.0 Patch 7

For use with McAfee ePolicy Orchestrator

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About this release

Thank you for using this McAfee product. This document contains important information about the current release. We strongly recommend that you read the entire document.

Important notes about this release

- **Supported McAfee Agent versions**

VirusScan Enterprise 8.8 Patch 7 supports specific versions of McAfee Agent. See [KB51111](#) for information.

- **McAfee DAT Reputation mandatory upgrade to version 1.0.4**

Before installing VirusScan Enterprise 8.8 Patch 7 on a system with McAfee DAT Reputation installed, you must upgrade to McAfee DAT Reputation version 1.0.4. For more information, see KnowledgeBase article [KB85648](#).

- **McAfee Application Control and McAfee Change Control**

Due to a product incompatibility, before installing VirusScan Enterprise 8.8 Patch 7 on a system with the McAfee Application Control or McAfee Change Control products installed, you must install a Hotfix. For information on which Hotfix to install, see KnowledgeBase article [KB86141](#).



We do not support the automatic upgrade of a pre-release software version. To upgrade to a production release of the software, you must first uninstall the existing version.

Purpose

This release of McAfee® VirusScan® Enterprise 8.8.0 contains a variety of improvements and fixes.

Although McAfee has thoroughly tested this release, we strongly recommend that you verify this update in test and pilot groups prior to mass deployment. Review the *New features*, *Resolved issues*, and *Known issues* sections for additional information.

For a list of supported environments and latest information for VirusScan Enterprise 8.8.0 on Microsoft Windows, see KnowledgeBase article [KB51111](#).

Patch version



This release is not supported on Windows 2000.

- **Patch 7** package — Updates VirusScan Enterprise 8.8.0 clients with Patch 2 or later. See the *Requirements* section.
- **Repost Patch 7** package for Windows — Includes full installation for new systems or upgrades of VirusScan Enterprise 8.7i systems.
- Both the Patch and Repost packages include management packages for ePolicy Orchestrator:
 - **Patch Extension** for VirusScan Enterprise VIRUSCAN8800(448).zip
 - **Patch Reports** for VirusScan Enterprise VIRUSCANREPORTS120(272).zip

Refer to KnowledgeBase article [KB51111](#) for the most current VirusScan Enterprise 8.8.0 details.

Package date

February 12, 2015

Release build

8.8.0.1528

Rating

Mandatory — McAfee requires this release for all environments. This update must be applied immediately to avoid a potential security breach, and to maintain a viable and supported product.

This release addresses a vulnerability. See [Security Bulletin 10151](#) for information.

Multiple McAfee endpoint products include a private mechanism to access settings and files protected by self-protection rules. This mechanism is not sufficiently secure and might be misused to access registry keys and files that should be protected from tampering.

When VirusScan Enterprise is present on the device, processes that attempt to use this private mechanism are scanned upon access. If those processes are not detected as malware, they could gain access to McAfee products' protected resources.

For more information about patch ratings, see McAfee KnowledgeBase article [KB51560](#).

New features

Patch 7 includes the following new features.

Support for Windows 10 Update 1

This release adds support for VirusScan Enterprise on Windows 10 Update 1.

Updated components

This release of VirusScan Enterprise includes these updated components:

Component	Version
McAfee Agent	4.8.0.1938
VSCAN.bof	739

Resolved issues

These issues are resolved in this release of the product. For a list of issues fixed in earlier releases, see the Release Notes for the specific release.

- **Patch 6** — [PD26069](#)
- **Patch 5** — [PD25913](#)
- **Patch 4** — [PD24834](#)
- **Patch 3** — [PD24224](#)
- **Patch 2** — [PD23934](#)
- **Patch 1** — [PD23408](#)

Reference	Resolution
1075991	A third-party application no longer crashes because the filter driver no longer forcibly sets a case insensitivity flag.
1078373	The VirusScan Enterprise upgrade (.MSP package) now CLEARs (zeros) the Registry key HKLM\Software\McAfee\SystemCore\VSCore value PreScanSizeKBForArtemisScan, resulting in the same behavior as an initial (.MSI package) installation.
1086016	Windows Security Center and Action Center no longer erroneously report OAS being disabled after system restart on systems with long boot times.
1087559	Access Protection rules now use the AAC is_dir matching criteria to whitelist directories.

Reference	Resolution
1087918	Performance when running reports using fields from the VSECustomProps table is now improved.
1094558 1100971 1104576	On NUMA systems, a blue screen with bugchecks, including the following, no longer occurs: <ul style="list-style-type: none"> • IRQL_NOT_LESS_OR_EQUAL (a) • DRIVER_IRQL_NOT_LESS_OR_EQUAL (d1) • SYSTEM_SERVICE_EXCEPTION (3b)
1095584	IPv6 addresses in port blocking events are now handled correctly.
1100280	System Bug Check 7f (blue screen) referencing mfeaack.sys no longer occurs. For information, see KB86259 .
1101766	On systems running Microsoft App-V Client 5.0 Service Pack 2 or later, a file lock problem that prevented upgrades from previous patch releases no longer occurs. Patch 7 upgrades now proceed without requiring a reboot.
1104094	System hangs caused by excessive pool usage by MPT drivers no longer occur.
1106783	An issue with the list of modules loaded by svchost.exe that prevented the VirusScan Enterprise console or on-demand scan task from starting no longer occurs.
1118320	An issue with some driver files, which prevented VirusScan Enterprise from being installed in an UEFI secure-boot Windows 10 Threshold 2 environment, has been fixed.

Installation instructions

Use these instructions to install, verify, and remove this VirusScan Enterprise Patch release.


This release of VirusScan Enterprise supports in-place operating system upgrades from Windows 7, 8, and 8.1 to Windows 10 (build 10240) and Windows 10.1 (build 10586.71).

Requirements

Make sure that your system meets these requirements before installing the software.

Supported VirusScan Enterprise releases

This Patch release works with the following VirusScan Enterprise releases.

Package	VirusScan Enterprise version	Notes
Patch	VirusScan Enterprise 8.8.0 Patch 6	 This package does not upgrade VirusScan Enterprise version 8.8.0.777 (RTW).
	VirusScan Enterprise 8.8.0 Patch 5	To install this package on VirusScan Enterprise 8.8.0: <ul style="list-style-type: none"> • On 64-bit systems, first install Patch 2 or later, then Patch 7. • On 32-bit systems, first install Patch 1 or later, then Patch 7.
	VirusScan Enterprise 8.8.0 Patch 4	Alternatively, uninstall VirusScan Enterprise 8.8.0 and reinstall with the Repost Patch 7 package.
	VirusScan Enterprise 8.8.0 Patch 3	

Package	VirusScan Enterprise version	Notes
	VirusScan Enterprise 8.8.0 Patch 2	
	VirusScan Enterprise 8.8.0 Patch 1	
Repost Patch	New system installations	
	VirusScan Enterprise 8.7i systems	



You cannot install VirusScan Enterprise 8.8.0 Patch 7 on a system that has McAfee Endpoint Security installed.

Supported McAfee Agent versions

VirusScan Enterprise 8.8 Patch 7 supports specific versions of McAfee Agent. See [KB51111](#) for information.

McAfee DAT Reputation mandatory upgrade to version 1.0.4

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McAfee Application Control and McAfee Change Control

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Minimum versions

This release supports the following minimum versions.

- **Scan Engine:** 5700
- **Detection Definitions (DAT):** 8078+

Microsoft Windows service dependencies

McAfee Endpoint Security products require some Microsoft Windows service dependencies. See KnowledgeBase article [KB85374](#) for information.

Install the product directly to a client system

Follow these steps to install the package directly to a target client system.



We recommend that you reboot the client system after installing this release of the product.

For more information, see the *VirusScan Enterprise Installation Guide*.

Task

- 1 Download the package and extract the patch files to a temporary folder on your hard drive.
- 2 Double-click the SetupVSE.Exe file in the temporary folder created in Step 1.
- 3 Follow the installation wizard instructions.

Install the package into McAfee ePO

Install the VirusScan Enterprise extension and reports from the package .zip file into McAfee ePO.



Before installing this patch, review KnowledgeBase article [KB84087](#).



See the topic on bringing products under management in the McAfee ePO Help.

Task

For details about product features, usage, and best practices, click ? or Help.

- 1 In McAfee ePO, select **Menu | Software | Extensions**.
- 2 Click **Install Extension**.
- 3 Browse to and select the package .zip file, then click **OK**.



This process might take several minutes to complete.

- 4 Verify that the product name appears in the **Extensions** list.

Deploy the product from McAfee ePO

Follow these steps to deploy this release to managed systems using McAfee ePO.



We recommend that you reboot the client system after installing this release of the product.

For more information, see the *VirusScan Enterprise Installation Guide*.

Task

For details about product features, usage, and best practices, click ? or Help.

- 1 Check the package into the McAfee ePO **Master Repository**:
 - a Select **Menu | Software | Master Repository**, then click **Check In Package**.
 - b Select the **Product or Update (.ZIP)** package type.
 - c Click **Choose File** and select the VirusScan Enterprise .zip file.

This process might take several minutes to complete.

For more information, see the topic on checking in packages manually in the McAfee ePO Help.

- 2 Deploy the package to the client systems: use a McAfee Agent **Product Deployment** client task.

Verify the client installation

After installing VirusScan Enterprise Patch 7, verify that the product installed correctly.

Before you begin

Reboot the client system prior to validating that the installation is successfully installed.

Task

- Check any of the following items:
 - After McAfee Agent collects property information, the client system details display the HotFix/Patch version.
 - On the client system, check for a registry key entry **Patch_7** in HKey_Local_Machine\Software\McAfee\DesktopProtection.



On a 64-bit system, this entry might be located in HKey_Local_Machine\Software\Wow6432Node\McAfee\DesktopProtection.

- Confirm that the expected files are installed by checking the version number of individual files. File versions should match the list of files in *File inventory* section.



Releases are not displayed or do not report installed if an error occurred during installation, or if a file did not install correctly.

File inventory

Component	Version
VirusScan Enterprise	8.8.0.1528
VSCore	15.4.0.649
SYSCore	15.4.0.811
Management extension	880.448
Reporting extension	120.272

Remove installation files

Remove the patch installation files using **Programs and Features**.

For information on removing the VirusScan Enterprise product, see the *VirusScan Enterprise Installation Guide*.



Removing the patch from a client system places the client system in an unsupported state. See *Known issues* for further details.

Task

- 1 To remove the patch manually, use **Programs and Features**. (You must have administrative rights to the local system.)

All features affected by the patch are reset to installation defaults. Any features not modified by the patch are left with their current settings.

- 2 Update VirusScan Enterprise after removing the patch to ensure that VirusScan Enterprise is running the latest version of the engine and DAT files.

Known issues

For a list of known issues in this product release, see this McAfee KnowledgeBase article: [KB70393](#) and search for the Patch 7 Known Issues link.

Documentation errata

Documentation	Incorrect information	Correction
<i>VirusScan Enterprise 8.8 Product Guide</i>	McAfee Labs releases DAT file updates at about 6:00 PM (GMT) almost every day.	McAfee Labs makes DAT file updates generally available by 19:00 (UTC/GMT).
VirusScan Enterprise 8.8 McAfee ePO Help extension, On Access General Policies	Specify one of the six sensitivity levels for Artemis between disabled and very high. Default = very low	By default, the sensitivity level for Artemis is "Medium".

Find product documentation

On the **ServicePortal**, you can find information about a released product, including product documentation, technical articles, and more.

Task

- 1 Go to the **ServicePortal** at <https://support.mcafee.com> and click the **Knowledge Center** tab.
- 2 In the **Knowledge Base** pane under **Content Source**, click **Product Documentation**.
- 3 Select a product and version, then click **Search** to display a list of documents.