Release Notes

McAfee VirusScan Enterprise 8.8.0 Patch 8

For use with McAfee ePolicy Orchestrator

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About this release

This document contains important information about the current release. We strongly recommend that you read the entire document.

> This release repackages McAfee® VirusScan® Enterprise 8.8 Patch 8 to work with McAfee Installation Designer. Both this package and the package posted on August 17, 2016 are fully supported. For frequently asked questions about this release, see KB87783.

Release build — 8.8.0.1599

Package date — September 12, 2016

Purpose

This release of VirusScan Enterprise contains several 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.

Rating

High Priority — McAfee rates this release as a high priority for all environments to avoid a potential business impact. This update should be applied as soon as possible.

For more information about patch ratings, see McAfee KnowledgeBase article KB51560.

Important notes about this release

Windows XP, Windows Server 2003, and Windows Server 2003 R2 are no longer supported with Patch 8 and later.

> Windows versions in the Microsoft Lifecycle Support policy that are beyond the Mainstream Support Phase and Extended Support Phase are also no longer supported by VirusScan Enterprise. For operating system compatibility, see KB51111.

- **Patch 8** package — Updates VirusScan Enterprise 8.8.0 clients with Patch 4 and later. See the *Requirements* section.
- **Full installation Patch 8** package for Windows — Includes full installation for new systems or upgrades of VirusScan Enterprise 8.7 Patch 5 systems.
- Both the Patch and Repost packages include management packages for ePolicy Orchestrator:
  - **Patch Extension** for VirusScan Enterprise VIRUSCAN8800(511).zip
  - **Patch Reports** for VirusScan Enterprise VIRUSCANREPORTS120(311).zip

For a list of supported environments and latest information for VirusScan Enterprise 8.8.0 on Microsoft Windows, see KB51111.

New features

This release of the product includes these new features.

Support for additional Microsoft Office products

This release adds support for:

- **Microsoft Office 365**
- **Microsoft Office 2016**
- **Windows 10 Anniversary Update**

  Running Windows 10 Anniversary Update with releases earlier than Patch 8 might impact system stability.

  To avoid system instability:

  1. Upgrade VirusScan Enterprise to Patch 8.
  2. Update the operating system to the Windows 10 Anniversary Update.

  For more information, see KB51111.

Updated components

This release of VirusScan Enterprise includes these updated components.

Component	Version
McAfee Agent	5.0.4.283
VSCAN.bof	744

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 7** — PD26382
- **Patch 6** — PD26069
- **Patch 5** — PD25913
- **Patch 4** — PD24834
- **Patch 3** — PD24224
- **Patch 2** — PD23934
- **Patch 1** — PD23408

Reference	Resolution
1155333	This release resolves an issue with McAfee Installation Designer.
1119033	This release supports upgrades from VirusScan Enterprise 8.8 Patch 4 and later.
1121876	Using .MSI or .MSP to start VirusScan Enterprise is now blocked and produces this error message: "You must use SETUPVSE.EXE or SETUP.EXE to start VirusScan Enterprise installation."
1123565	These Access Protection rules now correctly translate into the new trust mechanism and properly use exclusions. System shutdown, logoff, and logon now complete without error while these rules are in use: • "Prevent common programs from running files from the Temp folder" • "Prevent svchost executing non-Windows executables" • "Prevent programs registering to autorun" • "Prevent Windows Process spoofing"
1129709	Process Explorer can no longer be used to bypass the security password in the VirusScan Enterprise Console. For more information, see Security Bulletin SB10158.
1108674	The **On-Access Scanner Enabled Status** and **Access Protection Enabled Status** pie chart reports now display the correct number of systems that a user has permission to view.
1112344	Access Protection violations no longer report inconsequential information in **Report Only** mode.
1110516	This release resolves a timing issue that prevented McAfee Validation Trust Services from starting during upgrades.
1112013	The access control driver now uses less stack memory.
1109418	This release removes the intermittent deadlock that prevented VirusScan Enterprise from installing.
1137858	In policies for scan tasks, the **Also exclude subfolders** checkbox is now only enabled if the path ends with the "\" character.
1128657	Sometimes, the error message "\Device\mfebopk02.sys failed to load" occurred after upgrading or installing Patch 7 on systems running Windows 7 32-bit or Windows XP 32-bit. This release resolves this issue.
1134651	In certain circumstances, a deadlock and subsequent system hang occurred if a scan request was created while McShield.exe was shutting down. This release resolves this issue.

Reference	Resolution
1113742	Performing a DAT rollback no longer downgrades the VirusScan Enterprise engine.
1126095	This release resolves a rare timing issue where McAfee drivers incorrectly filtered Windows Prefetch operations, which caused some applications to be unresponsive.
1146040	Sometimes, incorrectly cached digital signatures prevented mfevtp service from successfully starting. This release resolves this issue.
1146738	Scan64.exe no longer unexpectedly crashes because of an issue with exception handling during heavy scan activity.

Installation instructions

Use these instructions to install, verify, or 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 RTM (10.0.10240), Windows 10 1511 (10.0.10586), and Windows 10 1607 (10.0.14393).

Requirements

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

Supported VirusScan Enterprise releases

Patch 8 release works with the following VirusScan Enterprise releases.

Package	VirusScan Enterprise version	Notes
Patch	VirusScan Enterprise 8.8.0 Patch 7 VirusScan Enterprise 8.8.0 Patch 6 VirusScan Enterprise 8.8.0 Patch 5 VirusScan Enterprise 8.8.0 Patch 4	This package does not upgrade VirusScan Enterprise version 8.8.0.777 (RTW), Patch 1, Patch 2, or Patch 3. For information about upgrading these versions and for the recommended upgrade path, see KB87328. Alternatively, uninstall VirusScan Enterprise 8.8.0 and reinstall with the **Full installation Patch 8** package.
Full installation	New system installations VirusScan Enterprise 8.7 Patch 5 systems	

You cannot install VirusScan Enterprise 8.8.0 Patch 8 on a system that has McAfee Endpoint Security installed.

Supported McAfee Agent versions

This release supports the following minimum versions of McAfee Agent:

- **McAfee Agent 4.8**: Patch 3 (4.8.0.1938) or later
- **McAfee Agent 5.0**: Patch 2 Hotfix 1091027 (5.0.2.188) or later

See KB51111 for information about other supported versions of McAfee Agent. Also see KB87328 for important upgrade information.

McAfee DAT Reputation mandatory upgrade to version 1.0.4

Before installing VirusScan Enterprise 8.8 Patch 8 on a system with McAfee DAT Reputation installed, you must upgrade to McAfee DAT Reputation version 1.0.4. For more information, see KB85648.

McAfee Application Control and McAfee Change Control

Due to a product incompatibility, before installing VirusScan Enterprise 8.8 Patch 8 on a system with the McAfee Application Control or McAfee Change Control products installed, you must install a Hotfix. For information about which Hotfix to install, see KB86141.

Minimum versions

This release supports the following minimum versions.

- **Scan Engine**: 5800.7501
- **Detection Definitions (DAT)**: 8078+

Microsoft Windows service dependencies

McAfee Endpoint Security products require some Microsoft Windows service dependencies. See KB85374 for information.

Product compatibility tested

VirusScan Enterprise Patch 8 has been extensively tested to be compatible with our McAfee products, including the following common product versions.

Products	Versions
McAfee® Agent	4.8 Patch 3, 5.0.2 Patch 2 Hotfix 1091027 or later, 5.0.3, 5.0.4
McAfee® Host Intrusion Prevention	8.8 Patch 7, 8.8 Patch 8
McAfee® Active Response	1.1
McAfee® Data Loss Prevention (McAfee DLP)	9.4, 10.0
McAfee® SiteAdvisor® Enterprise	3.5 Patch 3, 3.5 Patch 4
McAfee® Threat Intelligence Exchange module for VirusScan Enterprise	1.0.1
McAfee® Data Exchange Layer (DXL)	2.2
McAfee® ePolicy Orchestrator® (McAfee ePO™)	5.1.1, 5.1.3, 5.3.1
McAfee® Client Proxy	1.2.0, 2.1.2
McAfee® Endpoint Encryption	4.3.1.138, 5.0.1.136

Recommended upgrade paths

We maintain a list of recommended upgrade paths for VirusScan Enterprise.

For information about supported upgrade paths for VirusScan Enterprise, see KB87328.

For example, review VirusScan Enterprise upgrade considerations with different versions of McAfee Agent.

Install the product directly to a client system

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

Task

1 Download the package and extract the patch files to a temporary folder on your hard drive.

2 Double-click the Setup.exe file in the temporary folder created in Step 1.

- **Patch** — Double-click **Setup.exe**.
- **Full installation** — Double-click **SetupVSE.Exe**.

3 Follow the installation wizard instructions.

4 (Optional) Restart the client system.

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

Install the extensions into McAfee ePO

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

> **Before you begin**
>
> Before installing this patch, review 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.

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

Task

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

1 Check in the package to 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.
   - **Patch** — Use a McAfee Agent **Product Update** client task.
   - **Full installation** — Use a McAfee Agent **Product Deployment** client task.
3 (Optional) Restart the client system.

Verify the client installation

After installing VirusScan Enterprise Patch 8, verify that the product installed correctly.

> **Before you begin**
>
> Restart the client system before 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 Patch version.
   - On the client system, check for a registry key entry **Patch_8** 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 must match the list of files in *File inventory* section.

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

File inventory

Component	Version
VirusScan Enterprise	8.8.0.1599
VSCore	15.5.0.3960
SYSCore	15.5.0.4030
Management extension	8.8.0.511
Reporting extension	1.2.0.311

Remove installation files

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

For information about 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 8 Known Issues link.

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.

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