Release Notes

McAfee Host Intrusion Prevention 8.0.0 Patch 8

For Windows

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.

Release build

Windows client — 8.0.0.3828

McAfee ePO extension — 8.0.8.1082

Package date

July 15, 2016

This release was developed for use with:

- McAfee ePO 5.3 (build 509 and later)
- McAfee ePO 5.1 (build 400 and later)

Purpose

This release of McAfee Host IPS contains improvements and fixes. The McAfee® Host Intrusion Prevention 8.0.0 Patch 8 for Windows client package is for use on Windows platforms only. For a list of supported environments, release versions, and the latest information for Host Intrusion Prevention 8.0.0 on Microsoft Windows, see KB70778.

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

To install Host Intrusion Prevention on a server, you must purchase a license for Host Intrusion Prevention for Server or a server suite that includes Host Intrusion Prevention for Server (such as Total Protection for Server). You can't install Host Intrusion Prevention for Desktop on a server. Although McAfee has thoroughly tested this release, we strongly recommend that you verify this update in test and pilot groups before mass deployment. Review *New features*, *Resolved issues*, and *Known issues* for details.

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 Host Intrusion Prevention. For operating system compatibility, see KB70778.

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

This release includes these items:

- **Patch** — Updates McAfee Host IPS 8.0.0 clients running Patch 4 and later.
- **Full installation** — Includes the full McAfee Host IPS installation for new clients.
- **Extension** — Manages any version of the McAfee Host IPS client on supported platforms, including Windows, Linux, and Solaris. This McAfee® ePolicy Orchestrator® (McAfee ePO™) extension can also be used to manage McAfee Endpoint Protection for Mac and Firewall for Linux clients. Use this extension for both new installations and to update previous versions of the Host Intrusion Prevention 8.0 Extension.

  See KB70778 for the most current Host Intrusion Prevention 8.0.0 details.

New features

This release of the product includes these new features.

Automatic Response enhancements

You can now use **Signature Name** and **Parameter values** to filter and file Automatic Response events.

Support for additional Microsoft products

This release adds support for:

- **Microsoft Office 365**
- **Microsoft Office 2016**
- **Microsoft SQL Server 2014**
- **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 Host Intrusion Prevention to Patch 8.

  2 Update the operating system to the Windows 10 Anniversary Update.

  For more information, see KB70778.

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** — PD26390
- **Patch 6** — PD25972
- **Patch 5** — PD25947
- **Patch 4** — PD25043
- **Patch 3** — PD24551
- **Patch 2** — PD23957
- **Patch 1** — PD23514

Windows client

Reference	Resolution
1129315	This release includes updated core components that support upgrades from McAfee Agent 4.8.3 to 5.0.2.
1112269	Disabling Windows Power service no longer causes McAfee Host IPS installation issues.
1121080	McAfee Host IPS no longer causes a memory leak when running sqlservr.exe (SQL Server 2012 Service Pack 1).
1135146	Updates to McAfee drivers allow third-party network installations to successfully complete.
1132783	FTP clients now correctly report the upload status when TrustedSource is enabled for Firewall.
1113779	ICMPv6 ping now correctly works with ICMPv6 Echo and Echo reply rules.
1140908	McAfee Host IPS now successfully installs from read-only source media.
1121884	The McAfee Host IPS installer now successfully recovers from a previous installation that failed due to an unexpected system restart.
1107927	This release updates the McAfee Firewall Core driver to resolve an issue that might prevent certain client-side Firewall rules from matching correctly.

Reference	Resolution
1121048	HipMgmt.exe and FireSvc.exe no longer crash when encountering a user list of 500 characters or more.
1121104	Updated the core installer to handle some unexpected installation scenarios.

Extension

Reference	Resolution
1093687	An error no longer occurs when a permission set has "Host Intrusion Prevention 8.0" set to "No permissions."
1114140	When editing a McAfee Host IPS signature, the **Save** button is now available only when a valid MD5 hash is entered.
1104370	Using the **Select all in all pages** action now successfully removes events.
1119137	Emails received from an Automatic Response now include the correct **Target File Name**.
1136320	When editing a McAfee Host IPS Exception, the **Parameter Name** field now only allows the valid parameter names on the list.

Installation instructions

Use these instructions to install and verify this release.

For more information, see the *Host Intrusion Prevention Installation Guide*.

McAfee DAT Reputation mandatory upgrade to version 1.0.4

Before installing Host Intrusion Prevention 8.0 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.

Product compatibility tested

Host Intrusion Prevention 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, 5.0.3, 5.0.4
McAfee® VirusScan® Enterprise	8.8 Patch 7, 8.8 Patch 8
McAfee® Endpoint Security	10.1.2, 10.2
McAfee® Active Response	1.1
McAfee® Data Loss Prevention (McAfee DLP)	9.4, 10.0
McAfee® SiteAdvisor® Enterprise	3.5 Patch 4, 3.5 Patch 5
McAfee® Threat Intelligence Exchange module for VirusScan Enterprise	1.0.1
McAfee® Data Exchange Layer (DXL)	2.2

Recommended upgrade paths

We maintain a list of recommended upgrade paths for Host Intrusion Prevention.

For information about supported upgrade paths for Host Intrusion Prevention, see KB87328.

Install the product directly to a client system

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

For more information, see the *Host Intrusion Prevention Installation Guide*.

Host Intrusion Prevention only supports systems managed by McAfee ePO.

Task

1 Download the package:
   - **Patch** — HIP80P*x*.zip
   - **Full installation** — HIP80LMLRP*x*.zip

2 Extract the patch files to a temporary folder on your hard drive.

3 Disable Host Intrusion Prevention protection with a McAfee ePO-delivered policy or in the local client interface.

4 Double-click the setup file in the temporary folder:
   - **Patch** — McAfeeHIP_ClientPatch*x*.exe
   - **Full installation** — McAfeeHIP_ClientSetup.exe

5 Follow the installation wizard instructions.

6 Enable Host Intrusion Prevention protection.

7 (Optional) Restart the client system.

Install the extensions into McAfee ePO

Install the Host Intrusion Prevention extensions 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 extension .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.

> **Before you begin**
> This release requires McAfee Agent 4.8 or later.

For more information, see the *Host Intrusion Prevention 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 Host Intrusion Prevention HIP80LMLRP*x*.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 the Host Intrusion Prevention Patch 8 package, verify that the product installed correctly on the client systems.

Task

1 In McAfee ePO, run the **Host IPS: Client Versions** query.

   For systems with Patch 8 installed, the **Client Version (Host IPS)** is 8.0.0.3828.

2 Click the version number to display the system names.

3 Verify the installation on the client: in the Host Intrusion Prevention client, select **Help** | **About**.

   The **Build Version** shows 3828.

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

This release of the software includes these files.

Table 4-1 McAfee Host IPS files

Folder name	File name	Version	32-bit	64-bit
C:\Program Files\McAfee\Host Intrusion Prevention				
	ClientControl.exe	8.0.0.3828	X	X
	DebugLog.dll	8.0.0.3828	X	X
	FireCL.dll	8.0.0.3828	X	X
	FireCNL.dll	8.0.0.3828	X	X
	FireComm.dll	8.0.0.3828	X	X
	FireCore.dll	8.0.0.3828	X	X
	FireEpo.dll	8.0.0.3828	X	X
	FireSvc.exe	8.0.0.3828	X	X

Table 4-1 McAfee Host IPS files *(continued)*

Folder name	File name	Version	32-bit	64-bit
	FireTray.exe	8.0.0.3828	X	X
	HcApi.dll	8.0.0.3828	X	X
	HcCode.dll	8.0.0.3828	X	X
	HcSql.dll	8.0.0.3828	X	X
	HcSvc.dll	8.0.0.3828	X	X
	HcThe.dll	8.0.0.3828	X	X
	Helper.exe	8.0.0.3828	X	X
	HIPHandlers64.dll	8.0.0.7149		X
	HIPResolver64.dll	8.0.0.7149		X
	HipIISEngine.dll	8.8.64.0		X
	HipIISEngineStub.dll	8.8.64.0		X
	HipMgtPlugin.dll	8.0.0.3828	X	X
	HipRc.dll	8.0.0.3828	X	X
	HipShield.dll	8.0.0.3828	X	X
	HpmRegistry.dll	8.0.0.3828	X	X
	McAfeeFire.exe	8.0.0.3828	X	X
	mcafeewin32guisupportdll.dll	8.0.0.3828	X	X
	MngFirecore.dll	8.0.0.3828	X	X
	nailite.dll	1.0.0.937	X	X
	SecCtrFw.exe	8.0.0.3828	X	X
	ts.dll	2.1.0.3	X	X
	WinToast.dll	8.0.0.3828	X	X
	3rdParty.txt			X
C:\Program Files (x86)\McAfee\Host Intrusion Prevention				
	DebugLog.dll	8.0.0.3828		X
	FireCL.dll	8.0.0.3828		X
	FireCNL.dll	8.0.0.3828		X
	FireComm.dll	8.0.0.3828		X
	FireCore.dll	8.0.0.3828		X
	FireEpo.dll	8.0.0.3828		X
	HcApi.dll	8.0.0.3828		X
	HcCode.dll	8.0.0.3828		X
	HcSql.dll	8.0.0.3828		X
	HcThe.dll	8.0.0.3828		X
	Helper.exe	8.0.0.3828		X
	HipHandlers.dll	8.0.0.7149		X
	HIPResolver.dll	8.0.0.7149		X
	HipIISEngine.dll	8.8.32.0		X
	HipIISEngineStub.dll	8.8.32.0		X

Table 4-1 McAfee Host IPS files *(continued)*

Folder name	File name	Version	32-bit	64-bit
	HipMgmt.exe	8.0.0.3828		X
	HipMgmtHpr.dll	8.0.0.3828		X
	HipMgtPlugin.dll	8.0.0.3828		X
	HpmRegistry.dll	8.0.0.3828		X
	McTrayHipPlugin.dll	8.0.0.3828		X
	MngFirecore.dll	8.0.0.3828		X
	msvcp71.dll	7.10.3077.0		X
	msvcr71.dll	7.10.3052.4		X
	nailite.dll	1.0.0.937		X
	ts.dll	2.1.0.3		X
	WinToast.dll	8.0.0.3828		X
C:\Windows\System32\Drivers				
	HipShieldK.sys	8.0.0.3804	X	X

Table 4-2 SysCore files

Folder name	File name	Version	32-bit	64-bit
C:\Program Files\Common Files\McAfee\SystemCore				
	cacheinfo.exe	15.5.0.4030	X	X
	fwinfo.exe	15.5.0.4030	X	X
	mfeapfa.dll	15.5.0.4030	X	X
	mfeavfa.dll	15.5.0.4030	X	X
	mfefire.exe	15.5.0.4030	X	X
	mfecana.dll	15.5.0.4030	X	X
	mfecanary.exe	15.5.0.4030	X	X
	mfefwctl.dll	15.5.0.4030	X	X
	mfehida.dll	15.5.0.4030	X	X
	mfehidk_messages.dll	15.5.0.4030	X	X
	mfenlfk.inf		X	X
	mfevtpa.dll	15.5.0.4030	X	X
	mfemms.exe	15.5.0.4030	X	X
	mfemms_messages.dll	15.5.0.4030	X	X
	mfemmsa.dll	15.5.0.4030	X	X
	mmsinfo.exe	15.5.0.4030	X	X
	vtpinfo.exe	15.5.0.4030	X	X
	vtp_catcache		X	X
C:\Program Files (x86)\Common Files\McAfee\SystemCore				
	mfeavfa.dll	15.5.0.4030		X
	mfecana.dll	15.5.0.4030		X
	mfecanary.exe	15.5.0.4030		X

Table 4-2 SysCore files *(continued)*

Folder name	File name	Version	32-bit	64-bit
	mfefwctl.dll	15.5.0.4030		X
	mfehida.dll	15.5.0.4030		X
	mfemmsa.dll	15.5.0.4030		X
C:\Windows\System32\Drivers				
	mfeapfk.sys	15.5.0.4030	X	X
	mfeavfk.sys	15.5.0.4030	X	X
	mfefirek.sys	15.5.0.4030	X	X
	mfehidk.sys	15.5.0.4030	X	X
	mfenlfk.sys	15.5.0.4030	X	X
	mfewfpk.sys	15.5.0.4030	X	X
C:\Windows\System32				
	mfevtps.exe	15.5.0.4030	X	X

Known issues

For a list of known issues in this product release, see KB87676.

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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