Release Notes
McAfee Agent 5.0.0

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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.

Important 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.

Version Information
See McAfee Knowledge Base article KB82105 for McAfee Agent 5.0.0 version information.

Important McAfee Agent 5.0.0 can be used only with McAfee ePO server 5.1.1 or later. You can manage previous versions of McAfee Agent with the 5.0.0 extension, but previous versions of the Agent extensions cannot manage McAfee Agent 5.0.0 clients.

Supported McAfee Products
For a list of supported McAfee products, see McAfee Knowledge Base article KB82101.

New Features
This release of the product includes these new features.

Peer-to-Peer communication
To retrieve updates and install products, McAfee Agent needs to communicate with the McAfee ePO server. These updates might be available with the agents in the same subnet. With Peer-to-Peer communication, McAfee Agent downloads these updates from the peer agents in the same subnet. This reducing bandwidth consumption between the McAfee ePO server and McAfee Agent.

Manifest based policy
When you use McAfee Agent 5.0.0 with the McAfee ePO server 5.1.1 or later, the Manifest-based policy helps improve the scalability of the McAfee ePO platform. With this policy, McAfee Agent doesn't use resources for comparing or merging the settings, because it fetches only the changed policy settings from the McAfee ePO server. Additionally, the McAfee ePO server will not have to compute the changed policies at each agent server communication. This helps saving network bandwidth every time a policy update is downloaded.

McAfee Agent Self-Protection
McAfee Agent protects unauthorized access to all internal Agent assets such as, the databases, files, folders, and registries using McAfee VSCore. The ePO admin can choose to enable or disable McAfee Agent Self-Protection.

SuperAgent support
McAfee Agent 5.0.0 supports SuperAgent on Windows, Linux, and Macintosh operating systems.

Note SuperAgent is not available for McAfee ePO Cloud.

Remote provisioning
You can now use remote provisioning to:
• Convert an unmanaged McAfee Agent to managed – Use the command line switch to convert McAfee Agent mode from unmanaged to managed (that is, provisioned to a McAfee ePO server).

• Migrate from one McAfee ePO server to another - Use the command line switch to migrate McAfee Agent from one McAfee ePO server to another.

**Note** Remote Provisioning is not available for McAfee ePO Cloud.

**Persistent connection**

When performing an agent-server communication (ASC), McAfee Agent keeps the communication channel with the McAfee ePO server active using the Keep-Alive connection. This allows McAfee Agent to complete an ASC using a single TCP connection to send and receive multiple HTTP requests or responses. Previous versions of McAfee ePO server required multiple TCP connections from McAfee Agent during a single ASC. This required more network bandwidth, whereas using Keep-Alive connection reduces the network bandwidth.

**Sensor services**

McAfee Agent 5.0.0 uses sensor services to track system events and take actions on the client system. There are two types of sensor services:

• User sensor – Detects the logged on users on the client system using operating system APIs and apply the user-based polices accordingly.

  **Note** User Sensor is not available for McAfee ePO Cloud.

• Network sensor – Detects the network connectivity status using operating system network APIs and determines if agent functionality such as pulling updates from the repository or communicating to McAfee ePO should be performed.

**Platform support**

McAfee Agent 5.0.0 supports Windows, Linux, and Macintosh operating systems. For a detailed list of supported operating systems and versions, see McAfee Knowledge Base article [KB51573](#).

**Installation instructions**

For information about installing or upgrading McAfee Agent, see *McAfee Agent Product Guide*.

**Known Issues**

For a list of known issues in this product release, see this McAfee KnowledgeBase article: [KB79397](#).

**Critical issues**

• Certain Host Intrusion Prevention 8.0 (patch 4 or lower) policies may cause issue in presence of McAfee Agent 5.0. – For more information about this issue, see this McAfee KnowledgeBase article: [KB82869](#).

• Upgrade to McAfee Agent 5.0 is only supported from McAfee Agent 4.6 or above – For more information about this issue, see this McAfee KnowledgeBase article: [KB82897](#).

**Find product documentation**

After a product is released, information about the product is entered into the McAfee online Knowledge Center.

**Task**

1. Go to the McAfee ServicePortal at [http://support.mcafee.com](http://support.mcafee.com) and click **Knowledge Center**.

2. Enter a product name, select a version, then click **Search** to display a list of documents.

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