

# RELEASE NOTES

## F-Secure® Anti-Virus for Microsoft Exchange

### Version 8.00 build 368

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## 1. General

This document contains late-breaking information about F-Secure® Anti-Virus for Microsoft Exchange 8.00 Release. We strongly recommend you to read the entire document before installing the software.

## 2. About F-Secure Anti-Virus for Microsoft Exchange 8.0

F-Secure® Anti-Virus for Microsoft Exchange protects Microsoft Exchange 2000/2003/2007 users from viruses, worms, trojans, spyware, adware, and other security threats. The product scans messages and attachments in both incoming and outgoing as well as internal mail traffic. It also inspects documents and notes posted to Exchange public folders. With F-Secure Anti-Virus for Microsoft Exchange, protection is transparent and always on as the scanning is done in real-time. In addition to blocking viruses and other malicious code, the solution provides spam and attachment filtering.

## 3. What's New

This section describes the new features, enhancements and most important problems fixed in F-Secure Anti-Virus for Microsoft Exchange 8.00.

### 3.1 Key Features

- **Support for Microsoft Exchange Server 2000, 2003 and 2007** – one release for all existing Microsoft Exchange Server versions.
- **Support for Microsoft Small Business Server 2003 and 2008** – the product protects organizations using Microsoft Small Business Server. With Small Business Server 2008, the administrator can see the status of the protection in the Small Business Server administration console.
- **Protection against malware and grayware** – viruses, Trojans, adware, spyware, riskware, and other unwelcome programs can be blocked before they enter or leave the organization.
- **Proactive protection against unknown threats** – the product can detect virus and spam outbreaks and unknown threats by using advanced content and traffic pattern analysis and categorization.
- **Content filtering** – you can now block undesirable e-mail messages based on keywords that the product will look for in the message texts and subjects.
- **Attachment filtering** – the product can be configured to block disallowed and dangerous files coming to or leaving the organization in e-mail messages.
- **Stripping archives with disallowed files inside** – the product can detect and block archive files that

contain dangerous or disallowed files.

- **Spam Control** – the product provides real-time protection against all types of spam, regardless of the content, format or language.
- **Safe and blocked lists** – you can create lists of safe and blocked senders and recipients for Spam Control.
- **Manual and scheduled scanning** – you can keep end-user mailboxes and public folders clean of malware and disallowed content by running on-demand or scheduled scan tasks.
- **Automatic database updates** – virus definition databases are typically updated multiple times per day and they provide always up-to-date protection.
- **Easy management** – the product can be installed in the stand-alone or the centralized administration mode, and it can be remotely managed with F-Secure Policy Manager and F-Secure Anti-Virus for Microsoft Exchange Web Console.

## 3.2 Dropped Features

The following feature have been dropped in this release:

- **Deployment with remote or multiple Content Scanner Servers** – F-Secure Content Scanner Server is always installed to the same server and cannot be deployed on a dedicated server anymore.
- **Background scanning** – you cannot enable and configure the background scanning in the Exchange Store anymore. We recommend that you use the scheduled scanning instead.
- **On-access attachment stripping** – the product does not strip disallowed attachments when they are saved on the Exchange Store. Disallowed attachments can be dropped when they are leaving the Exchange Store. Furthermore, you can run the manual scan or create a scheduled scan task to remove disallowed attachments in end-user mailboxes and public folders.
- **Outbreak management** – this feature has been replaced with Proactive Threat Protection.
- **SNMP-based management** – the product does not install SNMP agent anymore so it cannot be monitored through SNMP-based management systems.

## 3.3 Fixed Issues from the Previous Releases

This section lists the most important issues fixed in this release:

- Spam control does not scan e-mail messages with spoofed From: address [59756]
- It is possible to uninstall F-Secure Anti-Virus for Microsoft Exchange and leave F-Secure Spam Control on the server [57600]
- Protected Mailboxes could not be set due to error: Policy API error -2080374772 [63221]
- "Error Calling Plug-in: Empty" message is shown on installation [55933]
- "Could not load threat detection engine" warning is shown when logging in using Terminal Server session [58574]
- Safe listed e-mails are marked as spam [61523]
- F-Secure Transport Agent installation failed [58888]
- Spam Control header line gets cut off [59133]
- WebUI Tail dialog does not display some characters correctly [58093]
- Access denied error is shown when submitting samples to F-Secure [57619]
- PSAPI.DLL error messages pop up during the installation on the server with IE7 installed [61705]
- Unable to release certain e-mail messages from the quarantine [62102]

## 4. Installation and System Requirements

Before you install the product, we recommend that you review sections in this topic to ensure that your network, hardware, software and other system components meet the requirements for F-Secure Anti-Virus for Microsoft Exchange 8.0.

### 4.1 Installation on Microsoft Exchange Server 2000/2003

To install F-Secure Anti-Virus for Microsoft Exchange 8.0 on Microsoft Exchange Server 2000/2003, the following minimum hardware and system requirements are recommended.

#### Hardware

Processor:	32-bit processor: Intel Pentium 4 or compatible 2GHz or faster
Memory:	1GB of RAM

Disk space to install:	300 MB
Disk space for processing:	10 GB or more
Network:	100Mbps Fast Ethernet NIC, switched network connection
Other:	A CD-ROM drive is required if you are installing the product from CD-ROM.

## Operating System

The product can be installed on a computer running one of the following systems:

- Microsoft® Windows Server 2000, Standard Edition with latest service pack
- Microsoft® Windows Server 2003, Standard Edition with the latest service pack
- Microsoft® Windows Server 2003, Enterprise Edition with the latest service pack
- Microsoft® Windows Server 2003 R2, Standard Edition
- Microsoft® Windows Server 2003 R2, Enterprise Edition
- Microsoft® Small Business Server 2003
- Microsoft® Small Business Server 2003 R2

## Microsoft Exchange Server

The product can be installed on a computer running one of the following Microsoft Exchange Server versions:

- Microsoft® Exchange Server 2000 with Service Pack 3 or later
- Microsoft® Exchange Server 2003 with the latest service pack

## Cluster Environment

F-Secure Anti-Virus for Microsoft Exchange 8.0 can be installed on the Windows Server 2003 Enterprise Edition cluster. The product supports two-node Active-Passive and Active-Active cluster environments. Refer to the Administrator's Guide for detailed instructions about deploying the product on a cluster.

**Note:** Microsoft Exchange Server 2000/2003 running Window Server 2000 clusters is not supported.

## 4.2 Installation on Microsoft Exchange Server 2007

To install F-Secure Anti-Virus for Microsoft Exchange 8.0 on Microsoft Exchange Server 2007, the following minimum hardware and system requirements are recommended.

### Hardware

Processor:	64-bit processor: AMD Opteron/Athlon x64 or Intel Xeon with Extended Memory 64 Technology (EM64T)
Memory:	1GB of RAM
Disk space to install:	300 MB
Disk space for processing:	10 GB or more
Network:	100Mbps Fast Ethernet NIC, switched network connection
Other:	A CD-ROM drive is required if you are installing the product from CD-ROM.

## Operating System

The product can be installed on a computer running one of the following systems:

- Microsoft® Windows Server 2003, Standard x64 Edition with the latest service pack
- Microsoft® Windows Server 2003, Enterprise x64 Edition with the latest service pack
- Microsoft® Windows Server 2003 R2, Standard x64 Edition
- Microsoft® Windows Server 2003 R2, Enterprise x64 Edition
- Microsoft® Windows Server 2008, Standard Edition
- Microsoft® Windows Server 2008, Enterprise Edition
- Microsoft® Small Business Server 2008

## Microsoft Exchange Server

The product can be installed on a computer running one of the following Microsoft Exchange Server versions:

- Microsoft® Exchange Server 2007 (64-bit version) with the latest service pack
- Microsoft® Small Business Server 2008

Note that the 32-bit evaluation version of Microsoft Exchange Server 2007 is not supported.

F-Secure Anti-Virus for Microsoft Exchange 8.0 supports the following roles of Microsoft Exchange Server 2007:

- Edge Server role
- Hub Server role
- Mailbox Server role
- Combo Server (Mailbox Server and Hub Server roles)

### Cluster Environment

F-Secure Anti-Virus for Microsoft Exchange 8.0 supports the following cluster models of Microsoft Exchange Server 2007:

- Cluster Continuous Replication (CCR)
- Single Copy Cluster (SCC)

Refer to the Administrator's Guide for detailed instructions about deploying the product on a cluster.

## 4.3 SQL Server Requirements

The product requires Microsoft® SQL Server for the quarantine management. The following versions of Microsoft SQL Server are recommended to use:

- Microsoft SQL Server 2000 (Enterprise, Standard or Workgroup Edition) with Service Pack 4
- Microsoft SQL Server 2000 Desktop Engine (MSDE) with Service Pack 4
- Microsoft SQL Server 2005 (Enterprise, Standard, Workgroup or Express Edition) with the latest service pack
- Microsoft SQL Server 2008 (Enterprise, Standard, Workgroup or Express Edition)

Microsoft SQL Server 2005 Express Edition Service Pack 3 is distributed with the product and can be installed during F-Secure Anti-Virus for Microsoft Exchange Setup.

**Important:** We do not recommend that you use MSDE or Microsoft SQL Server 2005 Express Edition if you are planning to use the centralized quarantine management or if your organization sends and receives a large amount of e-mails. For more information about the limitations of the Microsoft SQL Server 2005 Express Edition or MSDE, see the product manual.

## 4.4 Centralized Management Requirements

**Important:** F-Secure Policy Manager 8.11 or later is required if you plan to install the product in the centralized administration mode and manage it with F-Secure Policy Manager Console. F-Secure Policy Manager must be upgraded before installing F-Secure Anti-Virus for Microsoft Exchange. If the product is installed in the centrally administered mode with F-Secure Policy Manager Console version 8.10 or earlier, the Policy Manager Console will not start after the installation.

## 4.5 Additional Windows Components

Depending on how you deploy the product to your network system, the following Windows components might be required:

- Microsoft .NET Framework version 2.0 is required to install Microsoft SQL Server 2005 Express Edition. If you plan to have Microsoft SQL Server on the same server, Microsoft .NET Framework version 2.0 must be installed before installing F-Secure Anti-Virus for Microsoft Exchange. Microsoft .NET framework 2.0 can be downloaded from [Microsoft Download Center](#).
- If you plan to install the product on Microsoft Windows 2000 platform, the latest Microsoft Data Access Components (MDAC, version 2.8 or newer) have to be installed to the system before installing the product. The latest version of MDAC can be downloaded from [Microsoft Download Center](#).

## 4.6 Other Requirements

**Note:** For performance and security reasons, it is not possible to install the product on any other than NTFS partition.

In order to administer the product with F-Secure Web Console, one of the following web browser software is

required:

- Microsoft Internet Explorer 6.0 or later
- Mozilla Firefox 2.0 or later
- Opera 9.0 or later

Any other web browser supporting HTTP 1.0, SSL, Java scripts and cookies may be used as well. Microsoft Internet Explorer 5.5 or earlier cannot be used to administer the product.

## 5. Setup and Configuration

### 5.1 Installation Instructions

**Note:** Before you install F-Secure Anti-Virus for Microsoft Exchange 8.00, uninstall any potentially conflicting products, such as other antivirus or server security software.

You need to log in with administrator-level privileges to install F-Secure Anti-Virus for Microsoft Exchange.

Refer to the Administrator's Guide for detailed installation instructions.

### 5.2 Upgrade Installation

You can upgrade from the previous version of F-Secure Anti-Virus for Microsoft Exchange (6.62 or 7.10) by running the setup program and following the installation instructions. Please refer to the manual for upgrade instructions.

### 5.3 Manual Installation of Microsoft SQL Server 2005 Express Edition

Microsoft SQL Server 2005 Express Edition Service Pack 3 is distributed with the product and included to the product installation package. If you need to install Microsoft SQL Server 2005 Express Edition manually, you can find the link to the installation package on the product setup application or you can download it from Microsoft web site.

When installing Microsoft SQL Server, make sure that you select the Mixed mode in the Authentication mode page. To change the authentication mode after the installation, refer to the Microsoft SQL Server documentation.

### 5.4 Uninstallation Instructions

To uninstall F-Secure Anti-Virus for Microsoft Exchange, select *Add/Remove Programs* from the Windows Control Panel. To uninstall F-Secure Anti-Virus for Microsoft Exchange completely, uninstall the components in the following order:

1. F-Secure Spam Control (if it was installed)
2. F-Secure Anti-Virus for Microsoft Exchange

**Note:** Some files and directories may remain after the uninstallation and can be removed manually.

## 6. Known Issues

### 6.1 Installation and Uninstallation

#### Upgrade from version 6.62: two F-Secure entries remain in Add/Remove programs [63627]

When upgrading from version 6.62, F-Secure Content Scanner Server and F-Secure Automatic Update Agent entries remain in the Windows Add and Remove Programs applet. You can safely ignore them. They will be removed automatically when you uninstall the product.

#### Installing F-Secure Policy Manager and Anti-Virus for Microsoft Exchange on the same server [62982]

When installing F-Secure Policy Manager and F-Secure Anti-Virus for Microsoft Exchange on the same server, make sure that you specify the correct port number of the Policy Manager Server. If you did not specify the correct port number during the installation, you can change it later with F-Secure Anti-Virus for Microsoft Exchange Web Console (on the General>Administration>Management Mode page.)

#### Directories and files remain after uninstallation

Some directories and files may remain under %ProgramFiles% and user's temporary (%TEMP%) directories after the product has been uninstalled. We recommend that you remove those directories and files manually.

## 6.2 Quarantine

### **Incorrect timestamps of reprocessed quarantined messages on Exchange 2000 [62861]**

When a quarantined message is reprocessed by the product that is running on Exchange Server 2000, the message arrives to the end-user's mailbox with the date and time when the message was initially received to the organization. On Microsoft Exchange Server 2003 and 2007 environments, reprocessed quarantined messages arrive to the end-user's mailbox with the date and time when the message was released from the quarantine.

## 6.3 Administration

### **Cannot change some settings from PMC [62469]**

It is not possible to change some product settings from F-Secure Policy Manager, such as Proxy Server authentication and Quarantine Database options. Use F-Secure Anti-Virus for Microsoft Exchange Web Console to change these settings.

### **Policy Manager Console cannot start after importing the JAR package with F-Secure Anti-Virus for Microsoft Exchange's MIB files**

This will happen if you are using F-Secure Policy Manager 8.10 or earlier. Please upgrade to F-Secure Policy Manager version 8.11 or later.

### **Incorrect source name is shown in Windows application log on Microsoft Windows Server 2008 [62205]**

When you use the Event viewer on Microsoft Windows Server 2008, you may see the incorrect source name (e.g. "F-Secure-F-Secure-F-Secure Anti-Virus for Microsoft Exchange") for events that are reported by the product. This is a compatibility issue in Microsoft Event Viewer that may be fixed in future releases of Microsoft Windows Server.

## 6.4 Web-based Admin Console

### **Compatibility with Google Chrome browser [64240]**

Some pages in F-Secure Web Console may not be shown correctly when using Google Chrome browser. Use some other web browser to get more accurate layout of the Web Console.

### **WebUI Summary tab may show "Not responding" status for the transport related features [63425]**

This may happen when the evaluation license has expired and the full license key has been entered. After a while, the status should get back to normal. If the status does not change automatically, try to restart the system.

### **Web Console does not work if cookie manager add-ons are used [62461]**

Some cookie manager add-ons used in the Firefox web browser may prevent you from using F-Secure Anti-Virus for Microsoft Exchange Web Console. We recommend that you disable these add-ons while using the Web Console or exclude Web Console pages in the add-on settings.

### **Automatic Update: 0 size downloads are shown [56773]**

A zero (0) size download indicates that the database was updated manually.

## 6.5 Cluster Environments

### **FSAV for Microsoft Exchange cluster resource stays off-line after upgrade from version 6.62 [64467]**

Right after the upgrade, the F-Secure Anti-Virus for Microsoft Exchange cluster resource may be off-line. You can bring the cluster resource online manually or reboot all nodes of the cluster.

### **Messages may not be scanned when Exchange is moved from one cluster node to another [62925]**

When Exchange cluster groups are moved from one node to another while the product is running on Active-Passive cluster environment, it is possible that the F-Secure Anti-Virus for Microsoft Exchange service is down for a short time. This may result that some e-mail messages may not be scanned on the transport level while the service is down. However, all e-mail messages and attachments are scanned without interruptions on the storage level.

## Incorrect quarantine statistics are shown when the Web Console is open on the passive node [63021]

Quarantine and other product statistics are not updated on the passive node as some of the product services are down or suspended. Therefore, when you connect to the Web Console on the passive node, the product status and statistics are not shown correctly. We strongly recommend that you connect to the Web Console using the name or IP address of the cluster instead of the name or IP address of the cluster nodes.

## 7. Contact Information and Feedback

We are looking forward to hearing comments and feedback on the product functionality, usability and performance.

Please report any technical issues through F-Secure support site at:

[http://www.f-secure.com/en\\_EMEA/support/business/](http://www.f-secure.com/en_EMEA/support/business/).

You can also give your feedback on F-Secure Anti-Virus for Microsoft Exchange forum available at:

<http://forum.f-secure.com/>.

Before sending us a problem report, please run F-Secure Support Tool, *FSDiag.exe*, on each of the hosts running F-Secure Anti-Virus for Microsoft Exchange. This utility gathers basic information about hardware, operating system, network configuration and installed F-Secure and third-party software. You can run the F-Secure Support Tool from the F-Secure Anti-Virus for Microsoft Exchange Web Console as follows:

1. Log in to the Web Console.
2. Type <https://127.0.0.1:25023/fsdiag/> in the address field of the browser. (If you are accessing the server remotely, use the real IP address of the server instead of 127.0.0.1).
3. F-Secure Support Tool starts automatically and the dialog displays the data collection progress.
4. When the tool has finished collecting the data, click **Report** to download and save the collected data

You can also run the FSDiag.exe utility under the F-Secure\Common folder. The tool generates a file called FSDiag.tar.gz.

## 8. F-Secure License Terms

F-Secure license terms are included in the software. You must read and accept them before you can install and use the software.