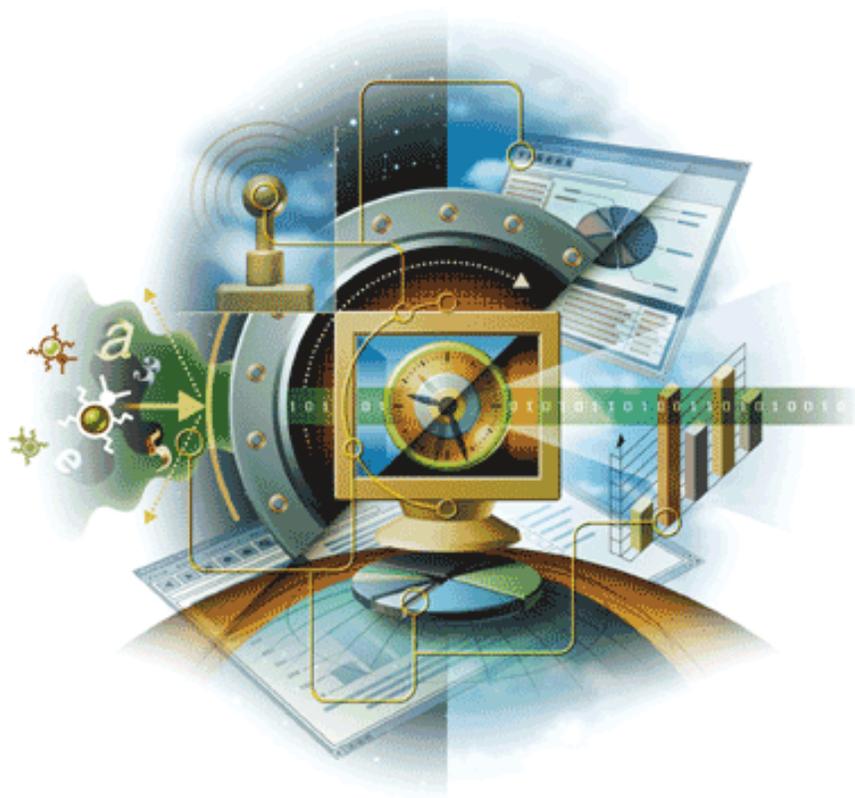


E-Business Server™

version 8.5



McAfee®
System Protection

Industry-leading intrusion prevention solutions

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E-Business Server™

version 8.5

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System Protection

Industry-leading intrusion prevention solutions

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1

Introducing E-Business Server

About this guide

This Installation Guide provides general information about E-Business Server and describes the system requirements and installation instructions necessary to successfully run it.

E-Business Server is based on the McAfee Cryptographic SDK (Software Developer's Kit), which is based on RFC 2440 OpenPGP.

These topics are included in this section:

- Using this guide
- Resources

Using this guide

This guide provides information on system requirements and installation instructions.

Audience

This information is intended for network administrators who are responsible for their company's anti-virus and security program.

Conventions

This guide uses the following conventions:

Bold Serif All words from the user interface, including options, menus, buttons, and dialog box names.

Example:

Type the **User** name and **Password** of the desired account.

Courier The path of a folder or program; a web address (URL); text that represents something the user types exactly (for example, a command at the system prompt).

Examples:

The default location for the program is:

```
C:\Program Files\McAfee\EPO\3.5.0
```

Visit the McAfee web site at:

```
http://www.mcafee.com
```

Run this command on the client computer:

```
C:\SETUP.EXE
```

Italic For emphasis or when introducing a new term; for names of product documentation and topics (headings) within the material.

Example:

Refer to the *VirusScan Enterprise Product Guide* for more information.

<TERM> Angle brackets enclose a generic term.

Example:

In the console tree under **ePolicy Orchestrator**, right-click <SERVER>.



Note: Supplemental information; for example, an alternate method of executing the same command.



Tip: Suggestions for best practices and recommendations from McAfee for threat prevention, performance and efficiency.



Caution: Important advice to protect your computer system, enterprise, software installation, or data.



Warning: Important advice to protect a user from bodily harm when interacting with a hardware product.

Resources

McAfee® products denote years of experience, and commitment to customer satisfaction. The McAfee PrimeSupport® team of responsive, highly skilled support technicians provides tailored solutions, delivering detailed technical assistance in managing the success of mission critical projects — all with service levels to meet the needs of every customer organization. McAfee Research, a world leader in information systems and security research, continues to spearhead innovation in the development and refinement of all our technologies.

Refer to these sections for additional resources:

- Getting product information
- Product services
- Contact information

Getting product information

Unless otherwise noted, the product documentation is provided as Adobe Acrobat .PDF files available on the product CD or from the McAfee download site

Installation Guide — System requirements and instructions for installing and starting the software.

Product Guide — Product introduction and features, detailed instructions for configuring the software, information on deployment, recurring tasks, and operating procedures.

Release Notes[^] — *ReadMe*. Product information, resolved issues, any known issues, and last-minute additions or changes to the product or its documentation.

Contacts[^] — Contact information for McAfee services and resources: technical support, customer service, Security Headquarters (AVERT Anti-Virus & Vulnerability Emergency Response Team), beta program, and training. This file also includes phone numbers, street addresses, web addresses, and fax numbers for company offices in the United States and around the world.

License — The McAfee License Agreement booklet that includes all of the license types you can purchase for your product. The License Agreement sets forth general terms and conditions for the use of the licensed product.

[^] Text files included with the software application and on the product CD.

Product services

The following services are available to help you get the most from your McAfee products:

- Beta program
- HotFixes and Patches

Beta program

The McAfee beta program enables you to try our products before full release to the public — you can learn about and test new features for existing products, as well as try out entirely new products. This program can help you test and implement updated and new features earlier, and in a safe environment. You get the chance to suggest new product features, as well as deal directly with McAfee engineering staff.

To find out more, visit:

<http://www.mcafeesecurity.com/us/downloads/beta/mcafeebetahome.htm>

HotFixes and Patches

HotFixes and Patches are released with updated files, drivers, executables, etc., between the major releases of a product. To access the latest HotFixes and Patches, visit:

<http://www.mcafeesecurity.com/us/downloads/updates/hotfixes.asp>

Contact information

Security Headquarters: AVERT

Home Page

<http://www.mcafeesecurity.com/us/security/home.asp>

Virus Information Library

<http://vil.mcafeesecurity.com>

AVERT WebImmune, Submitting a Sample *(Logon credentials required)*

<https://www.webimmune.net/default.asp>

AVERT DAT Notification Service

<http://vil.mcafeesecurity.com/vil/join-DAT-list.asp>

Download Site

Home Page

<http://www.mcafeesecurity.com/us/downloads/>

Anti-Virus DAT File and Engine Updates

<http://www.mcafeesecurity.com/us/downloads/updates/default.asp>

<ftp://ftp.mcafee.com/pub/antivirus/datfiles/4.x>

Anti-Spam Rules File and Engine Updates

<ftp://ftp.mcafee.com/spamdefs/1.x/>

Product Upgrades *(Logon credentials required)*

<https://secure.nai.com/us/forms/downloads/upgrades/login.asp>

HotFix and Patch Releases for Security Vulnerabilities *(Available to the public)*

<http://www.mcafeesecurity.com/us/downloads/updates/hotfixes.asp>

HotFix and Patch Releases for Products *(ServicePortal account and McAfee Technical Support grant number required)*

<https://mysupport.nai.com/products/products.asp>

Product End-of-Life Support

http://www.mcafeesecurity.com/us/products/mcafee/end_of_life.htm

Software and Hardware Technical Support

Home Page

http://www.mcafeesecurity.com/us/support/technical_support

KnowledgeBase Search

<http://knowledgemap.nai.com/>

McAfee Technical Support ServicePortal *(Logon credentials required)*

<https://mysupport.mcafeesecurity.com>

McAfee Security Alerting Service (MSAS)

http://mysupport.nai.com/supportinfo/psvans_info.asp

Customer Service

E-mail

https://secure.nai.com/us/forms/support/request_form.asp

Web

<http://www.mcafeesecurity.com/us/support/default.asp>

Phone — US, Canada, and Latin America toll-free:

+1-888-VIRUS NO or **+1-888-847-8766** Monday – Friday, 8 a.m. – 8 p.m., Central Time

For information on contacting McAfee worldwide offices:

<http://www.mcafeesecurity.com/us/contact/home.htm>

McAfee Beta Program

<http://www.mcafeesecurity.com/us/downloads/beta/mcafeebetahome.htm>

Training: McAfee University

<http://www.mcafeesecurity.com/us/services/education/mcafee/university.htm>

2

Installing E-Business Server

This chapter describes how to install E-Business Server on Windows and UNIX systems. Review the system requirements before you begin installing.

System requirements

<p>Windows systems:</p> <ul style="list-style-type: none">■ One of the following Windows systems:<ul style="list-style-type: none">■ Windows 2000 Server or Advanced Server (Service Pack 4 or later)■ Windows XP■ Windows Server 2003■ 192MB RAM (minimum)■ 40MB disk space for software <p>Solaris systems:</p> <ul style="list-style-type: none">■ Solaris 9 or later■ The gcc runtime library, version 3.3■ 64MB RAM (minimum)■ 75MB disk space for software <p>Linux systems</p> <ul style="list-style-type: none">■ Red Hat ES 3.0■ SUSE ES 9.0■ 64MB RAM (minimum)■ 75MB disk space for software	<p>HPUX systems:</p> <ul style="list-style-type: none">■ HP-UX 11.0■ HP-UX 11.11■ 64MB RAM (minimum)■ 75MB disk space for software <p>AIX systems:</p> <ul style="list-style-type: none">■ AIX 5.1, maintenance level 06 or higher■ AIX 5.2, maintenance level 04 or higher■ AIX 5.3 (to view man pages, maintenance level 02 is required)■ 64MB RAM (minimum)■ 75MB disk space for software
--	---

Installing E-Business Server on a Windows system

You can download the E-Business Server software from the McAfee web site or your company's download directory, or you can install it from the product CD-ROM. The self-extracting file, SETUP.EXE, automatically extracts and installs all of the necessary software components in their proper directory locations.

To install E-Business Server on a Windows system:

- 1 Download the E-Business Server files to the system or insert the E-Business Server CD-ROM into the CD-ROM drive.
- 2 Double-click SETUP.EXE to start the Setup program.



If you are installing from the CD-ROM, the Setup program automatically starts. If, however, the Setup program does not initiate, double-click SETUP.EXE in the Disk 1 folder on the CD-ROM.

- 3 Review the license agreement information, select **Yes** and click **OK** to accept the licensing terms.
- 4 Review the information in the **Welcome** screen, then click **Next**.

The **Setup Type** dialog box appears.

- 5 If necessary, change the directory where you want to install E-Business Server.
- 6 Select either **Complete** or **Custom** for your installation type, then click **Next**.
- 7 If you selected **Custom**, the **Select Components** dialog box appears. Select the E-Business Server components that you want to install, then click **Next**.

The **Ready to Install the Program** dialog box appears.

- 8 Click **Install**.

The installation wizard installs all the necessary E-Business Server files, and starts the E-Business Server services.

When the **InstallShield Wizard Complete** dialog box appears, it prompts you to restart your computer. You must restart before running E-Business Server.

- 9 Select either **Yes** or **No**, then click **Finish**.

Installing E-Business Server on a UNIX system

You can install E-Business Server from a tarball distribution.

From a tarball distribution

You can download the E-Business Server software from the McAfee web site or your company's download directory, or you can install it from the product CD-ROM.

To install the tarball:

- 1 Download the E-Business Server tarball or insert the E-Business Server CD-ROM into the CD-ROM drive.

To install from a CD-ROM drive you must first copy the E-Business Server installation file for your operating system to a temporary location on your system's hard drive. Then, change your current working directory to that same location.

- 2 Uncompress the package by issuing the following command:

```
gzip -d < EBus800-Solaris-Licensed.tar.gz | tar -xvf
```

When the package is uncompressed, the `EBus-8.0.0/` folder is created in your current working directory. This folder contains all the E-Business Server installation files.

- 3 Log in as root, then run the install script from the `EBus-8.0.0/` directory by issuing the following command:

```
./install.sh
```

- 4 Log out of your shell, then log back in.

You must do this because the installer appends two environment variables to the `/etc/profile` file, and they do not take effect until you log back in.

- 5 To run the E-Business Server application, enter the following command:

```
ebs
```



The installer automatically places symbolic links to the E-Business Server binaries (`ebs`, `ebsreader` and `ebscache`) in your user's default PATH. If you wish to prevent this default behavior, you can safely remove the symbolic links in the location identified by running the command "which ebs".

Configuring E-Business Server

For information about using E-Business Server, refer to the E-Business Server Product Product Guide included with the product.

3

Installing the Administration Utility Setting up the E-Business Server interface

This chapter describes how to install the E-Business Server Administration Utility on Windows and UNIX systems. This software provides a user interface for some E-Business Server features. You can install it on your E-Business Server system, or install the console on a remote Windows system.

System requirements

The Administration Utility consists of two parts — a service that runs on your E-Business Server, and a Java-based client that runs on a computer you want to use as a management console.

The service runs on both Solaris and Windows computers. It must be installed on the same computer as E-Business Server, and it therefore has the same system requirements (see [System requirements on page 11](#)).

The console runs only on Windows computers. For system requirements, see below. You can install the console on your E-Business Server computer, or you can install it on another computer and use it to manage some E-Business Server features remotely.

Both components install using the E-Business Server installation wizard.

Requirements for the Administration Utility console

- Java™ 2 Standard Edition Runtime Environment (version 1.4 or later).
- One of the following Windows systems:
 - Windows NT version 4.0 or higher (Service Pack 6a or later)
 - Windows 2000 (Service Pack 4 or later)
 - Windows XP Professional (Service Pack 1 or later)
 - Windows Server 2003
- 32MB RAM minimum
- 40MB disk space for software

Installing the Administration Utility

You can install the service on both Windows and Solaris computers. You can only install the console on Windows computers.

The service

To install the Administration Utility service, use the E-Business Server installation wizard (see [Installing E-Business Server on page 11](#)). If you select a **Complete** installation, the service is installed for you automatically. If you select a **Custom** installation, make certain you select **Server-Side** (under **E-Business Server Administration Utility**) when the installation wizard asks you which components you want to install.

Starting the service on Windows systems

On Windows computers, the Administration Utility service starts automatically. If you need to start or stop the service manually, go to the Windows **Start** menu and select **Programs > McAfee E-Business Server 8.0**. Then:

- Select **Start Administration Client** to start the service, or
- Select **Stop Administration Client** to stop the service.

Starting the service on Solaris systems

On Solaris systems, the Administration Utility service is always installed automatically. You must start the service manually however — otherwise you will not be able to connect to E-Business Server using the console. Run `ebsadmin` to start the service. You must do this as the root user in order for authentication to work properly.

The console

The Administration Utility console provides a Java-based interface to some E-Business Server features. It runs on Windows systems only. You can install the console on your E-Business Server system, or you can install it on a remote computer.

To install the console, use the E-Business Server installation wizard (see [Installing E-Business Server on page 11](#)). If you select a **Complete** installation, the console is installed for you automatically along with E-Business Server. If you select a **Custom** installation, you can install just the console. Select **Client-Side** (under **E-Business Server Administration Utility**) when the installation wizard asks you which components you want to install.

Starting the console

To start the Administration Utility console, go to the Windows **Start** menu and select **Programs > McAfee E-Business Server 8.0 > Administration Client**.