Quick Start Guide

Revision A

McAfee Firewall Enterprise Control Center

version 5.3.2

This quick start guide provides high-level instructions for setting up McAfee® Firewall Enterprise Control Center (Control Center).

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1 Check your shipment

Before you configure the Control Center, verify the items in your shipment, and configure the firewalls you will manage.

- Check the shipment. Make sure you have received the following items:
  - McAfee® Firewall Enterprise Control Center appliance
  - Rack mount kit
  - Installation USB drive or *Client CD*
  - Accessories itemized on the contents sheet
- Make sure the firewalls the Control Center will manage are already configured.

2 Download documentation

Download the product documentation for Control Center.

1. Go to the McAfee Technical Support ServicePortal at http://mysupport.mcafee.com.
2. Under **Self Service**, click **Product Documentation**.
3. Select the appropriate product and version.
4. Download these documents.
   - *McAfee Firewall Enterprise Control Center Product Guide*
   - *McAfee Firewall Enterprise Control Center Release Notes*
   - *McAfee Firewall Enterprise Control Center Hardware Product Guide*
   - *McAfee Firewall Enterprise Control Center FIPS 140-2 Configuration Guide*

   A FIPS configuration guide is available when the product has completed the certification process.

3 Plan your configuration

Use the *McAfee Firewall Enterprise Control Center Product Guide* to plan the integration of the Control Center Management Server and Client application into your network environment.

a. Familiarize yourself with the firewall deployment options.

b. Print and complete the sample integration schedule.

c. Determine the network policy that will ensure proper communication between the Management Server and managed firewalls.

4 Gather necessary materials

Gather the following items to configure Control Center.

Management computer for the Client application	One of the following Microsoft operating systems with Microsoft .NET Framework 3.5 Service Pack 1 or later installed:
	• Windows Server 2008
	• Windows Server 2003
	• Windows 7
	• Windows 8 Professional
	• Windows Vista
	• Windows XP Professional with Service Pack 2 or later
	  Microsoft .NET Framework 3.5 Service Pack 1 is included on the *Client CD*. For instructions on installing Microsoft .NET, see McAfee KnowledgeBase article KB68967.
	Hardware:
	• 3.0 GHz Intel Pentium 4 processor or higher
	• System memory:
	  • Windows Server or Windows XP: 3 GB (2 GB minimum)
	  • Windows Vista or Windows 7: 4 GB (3 GB minimum)
	• 150 MB of available disk space
	• CD-ROM drive
	• Network interface card (with access to network hosting the Management Server)
	• USB port (for USB drive)

Other hardware	• Monitor (1280 x 1024 recommended; 1024 x 768 minimum) • Keyboard • Network cables • USB drive formatted in MS-DOS (hereinafter *configuration USB drive*)  You must provide a configuration USB drive; the installation USB drive cannot be used to store the configuration file. • Serial cable  Use a serial console cable: 6ft, RJ-45 to DB-9 female, part number 72-3383-01 for models C2050 and C3000.

5 Install the Client application

Install the Client application on your management computer.

a Make sure your computer meets the minimum requirements.

b Insert the installation USB drive included in your shipment into a USB port.

Alternately, you can use the *Client CD* instead of the installation USB drive.

c If the installation program does not automatically start, navigate to the client folder and double-click the .exe file. The **Welcome** page is displayed.

d Follow the on-screen instructions to complete the installation.

6 [Conditional] Configure the Control Center for FIPS 140-2 compliance

Modify the Control Center to comply with FIPS 140-2 requirements.

See the FIPS configuration guide (available when the product has completed the certification process).

When you have finished, skip ahead to step 9.

7 [Conditional] Upgrade from 5.3.1 to 5.3.2

Use these high level steps to upgrade from 5.3.1 to 5.3.2.

Before you begin

Perform a full configuration system backup of 5.3.1 data.

a Download the McAfee Firewall Enterprise Control Center 5.3.2 software.

b Upgrade the Management Server.

  a Load the 5.3.2 upgrade package.

  b Apply the 5.3.2 upgrade.

c Upgrade the Client application.

d Perform post-upgrade steps.

Follow the *McAfee Firewall Enterprise Control Center Installation and Migration Guide* for a successful upgrade.

If you are upgrading from Control Center 5.2.x or 5.3.0, refer to the *McAfee Firewall Enterprise Control Center Installation and Migration Guide* 5.3.0 and 5.3.1 to migrate to Control Center 5.3.1, then perform the preceding steps to upgrade to 5.3.2.

8 Create the initial configuration

Use the Control Center Initialization Tool to create the initial configuration file (ccinit.txt) and save it to the configuration USB drive or floppy drive.

Use the ccinit.txt file to create a floppy image that can be saved on a floppy drive.

Do not use the installation USB drive provided by McAfee to store this file.

a Insert the configuration USB drive into a USB port on your management computer.

b Run the Initialization Tool: **Start | All Programs | McAfee | McAfee Firewall Enterprise Control Center v5 | 5.3.x | Control Center Initialization Tool**.

c Complete the fields in the Initialization Tool.

For option descriptions, press **F1**.

d Make sure the Control Center host name specified in the ccinit.txt file resolves to the correct IP address on the local DNS server.

e Save the newly created ccinit.txt file to the configuration USB drive or local system.

9 Configure the Management Server

Set up the Control Center Management Server and apply the configuration file.

a Make sure the Control Center appliance is correctly situated in the network.

b Connect the power cord and network cable. For the Ethernet port to use, see the *McAfee Firewall Enterprise Control Center Hardware Product Guide*.

c Connect a keyboard and a VGA monitor.

d Turn on the appliance.

e When you receive a message that the configuration file cannot be found, insert the configuration USB drive into a USB port on the appliance.

f Wait for few seconds and press **U**. You might have to repeat this step. The configuration information is loaded into the Management Server.

g At the "Please remove the USB" prompt, remove the configuration USB drive.

h From the Client application computer, ping the IP address of the Management Server to verify connectivity. If the ping fails, see the *McAfee Firewall Enterprise Control Center Product Guide*.

10 Enable Secure Shell (SSH) access on the firewall

Use the McAfee® Firewall Enterprise Admin Console to enable the SSH server access control rule for the Control Center Management Server.

> This step is not necessary for firewalls on X-Series Platforms, or when manually registering firewalls.

a Log on to the firewall you want to configure.

> The firewall must be licensed.

b In the tree, select **Policy** | **Access Control Rules**. The list of access control rules is displayed.

c Expand the groups of rules until you see the **Administration** group.

d Expand the **Administration** group. Double-click the Secure Shell Server rule.

e In the **Advanced** area, make sure **Enable** is selected. Review the rule to ensure SSH communication from the Management Server will be allowed, then click **OK** to save the rule.

11 Add firewall appliances to Control Center

Add, register, and retrieve configuration information from each firewall in one procedure by using the Add New Firewall Wizard from the Control Center Client application.

For clusters, use the Add New Cluster Wizard.

> There are several different mechanisms in Control Center for adding firewalls to the Management Server, such as adding multiple firewalls at one time and adding firewalls without enabling the SSH rule. For more information, see the *McAfee Firewall Enterprise Control Center Product Guide*.

a Log on to the Management Server with the Client application: **Start** | **All Programs** | **McAfee** | **McAfee Firewall Enterprise Control Center v5** | **5.3.x** | **Firewall Control Center**.

b Use the Add New Firewall Wizard to add and register a firewall, and to retrieve its configuration information.

   a In the navigation bar, select **Policy**.

   b In the Policy tree, double-click the **Firewalls** node. The **Add New Firewall Wizard** appears.

   c Complete the fields and pages in the wizard.

   When you have finished with the wizard, the firewall appears in the **Policy** tree beneath the **Firewalls** node.

12 Perform post-setup tasks

Check for software updates and patches, configure policy for your firewalls, create a configuration backup, and deploy companion McAfee products in your network.

See the *McAfee Firewall Enterprise Control Center Product Guide* for more information on post-setup tasks.