



# Symantec Endpoint Protection Integration Component 6.0 Help

## Notice

Symantec Endpoint Protection Integration Component 6.0

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# Chapter 1

## Introducing Symantec Endpoint Protection Integration Component

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This chapter includes the following topics:

- [About Symantec Endpoint Protection Integration Component](#)
- [How Symantec Endpoint Protection Integration Component Works](#)
- [Where to get more information](#)

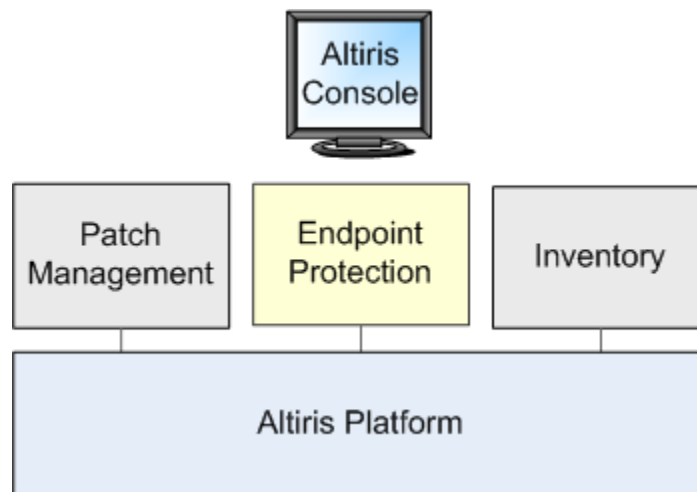
## About Symantec Endpoint Protection Integration Component

Symantec™ Endpoint Protection Integration Component connects your Symantec™ Endpoint Protection system with your Altiris® platform. This lets you use automated Symantec Endpoint Protection features from the Altiris Console to:

- Install the Symantec Endpoint Protection Client
- Initiate scans for viruses and security risks
- Update Symantec Endpoint Protection content, including intrusion prevention signatures and virus definitions

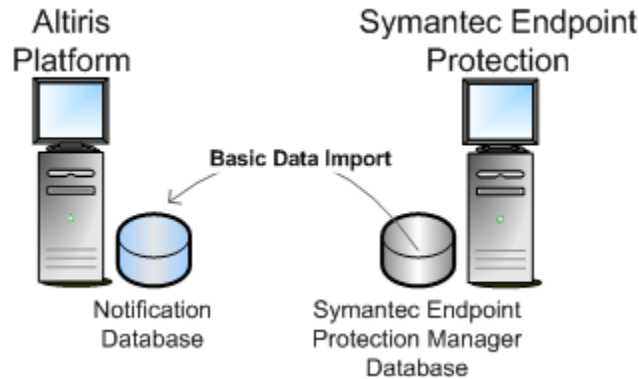
You can view reporting about client versions, client content versions, infected and at risk computers, and computers that have not connected to the Symantec Endpoint Protection Manager recently.

The Symantec Endpoint Protection Integration Component combines the Symantec Endpoint Protection system with other client management solutions. From the Altiris Console you can inventory computer collections, update patches, deliver software, deploy new computers, and manage Symantec Endpoint Protection Clients.



## How Symantec Endpoint Protection Integration Component Works

The Symantec Endpoint Protection Integration Component combines two systems, the Altiris platform and Symantec Endpoint Protection. From the Altiris Console, you can view and act upon data generated from Symantec Endpoint Protection. This data is transferred from your Symantec Endpoint Protection Manager database to the Altiris database. This is done using a basic data import from Altiris® Connector Solution™.



The basic data import and linked server connection is created between the Notification Database and the Symantec Endpoint Protection Manager database. It is configured and scheduled according to your specifications. When run, the import pulls a common identifier representing each computer from the Symantec Endpoint Protection Manager database into the Altiris database. If a computer that exists in the Symantec Endpoint Protection Manager database is not found in the Altiris Notification Database, then a new computer entry is created.

See also [Configure New Integration](#).

## Computers are organized into collections

Computer resources imported from your Symantec Endpoint Protection Manager are automatically organized into collections. Symantec Endpoint Protection Integration Component automatically adds each client computer to its applicable collection.

See also [About Symantec Endpoint Protection Integration Component Collections](#).

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### Collections

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All 32-Bit Windows Computers with Latest Symantec EP Client

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All 32-Bit Windows Computers without Latest Symantec EP Client

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All 64-Bit Windows Computers with Latest Symantec EP Client

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All 64-Bit Windows Computers without Latest Symantec EP Client

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There is also an additional collection called **Symantec Endpoint Protection Manager Computers**. Computers must be added to this collection manually. Computers added to this collection have Symantec Endpoint Protection Manager installed on them. For information see [Setting up Symantec Endpoint Protection Integration Component](#)

## Tasks are executed on collections

Symantec Endpoint Protection Integration Component provides several pre-defined tasks. These tasks can be executed onto collections of computers. The Symantec Endpoint Protection Client installation and un-installation tasks are automatically associated with collections. For example, the **Symantec EP 32-Bit Client Install** task is associated with the **All 32-Bit Windows Computers without Latest Symantec EP Client** collection.

The scan, repair, and update tasks may also be associated with collections, but this is done manually.

See also [Symantec Endpoint Protection Integration Component Tasks](#).

Tasks
Symantec EP 32-Bit Client Install
Symantec EP 32-Bit Client Uninstall
Symantec EP 64-Bit Client Install
Symantec EP 64-Bit Client Uninstall
Run Quick Scan for Viruses and Security Risks
Repair Symantec EP Client
Update Symantec EP Client Content
Update Symantec EP Client Content and Run Quick Scan

## Environment Data is Displayed in Reports

Up-to-date information collected about your client computers can be viewed in reports. Symantec Endpoint Protection Integration Component provides several reports that give you information on infected and at risk computers, computers that have not connected to Symantec Endpoint Protection Manager recently, and the status of the Symantec Endpoint Protection Clients.

See also [Symantec Endpoint Protection Integration Component Reports](#).

Reports
Computers Not Recently Connected to Symantec EP Server
Infected and At Risk Computers
Symantec EP Client Content Version
Symantec EP Client Content Version Details

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**Reports**


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Symantec EP Client Content Version Summary

Symantec EP Client Version Details

Symantec EP Client Version Summary

## Components of the Integrated Environment

The following table shows the system components of the integrated environment:

Component	Descriptions
Notification Server 6.0 SP3 with SQL* Server 2000 or SQL* Server 2005 database.	<p>Notification Server installs and manages the Altiris Agent on client computers, and manages the Altiris Database.</p> <p>For information about Altiris Notification Server System Requirements see the Altiris Notification Server Help at <a href="http://www.altiris.com/Support/Documentation.aspx">http://www.altiris.com/Support/Documentation.aspx</a>.</p>
Altiris Console 6.5	<p>The Altiris Console is the interface for Notification Server. You can run the Altiris Console from any computer on the network with the following requirements:</p> <ul style="list-style-type: none"> <li>• Windows 2000/XP/2003 or Windows NT with SP 6a.</li> <li>• Internet Explorer 6 and 7.</li> </ul> <p>The Altiris Console is automatically installed with the Symantec Endpoint Protection Integration Component.</p> <p>For information about using the Altiris Console see the <i>Altiris Console 6.5 Product Guide</i> at <a href="http://www.altiris.com/Support/Documentation.aspx">http://www.altiris.com/Support/Documentation.aspx</a>.</p>
Symantec Endpoint Protection Manager 11 with SQL Server 2000 or SQL Server 2005 database.	<p>Symantec Endpoint Protection Manager installs and manages Symantec™ AntiVirus™ Advanced Protection, and Symantec Network Access Control on client computers.</p> <p>For information about Symantec Endpoint Protection Manager see the <i>Symantec Endpoint Protection and Symantec Network Access Control</i> product guides that accompany Symantec Endpoint Protection.</p>
Symantec Endpoint Protection Integration Component 6.0	<p>Symantec Endpoint Protection Integration Component connects your Symantec Endpoint Protection System with your Altiris Notification Server System.</p>

Component	Descriptions
Task Server 6.0	<p>Task Server is built on the Notification Server infrastructure. It is used by Symantec Endpoint Protection Integration Component for task sequencing and automation. Task Server is automatically installed with the Symantec Endpoint Protection Integration Component.</p> <p>For information about Task Server see the <i>Altiris Task Server Help</i> at <a href="http://www.altiris.com/Support/Documentation.aspx">http://www.altiris.com/Support/Documentation.aspx</a>.</p>
Connector Solution 6.5 or later	<p>Connector Solution is used by Symantec Endpoint Protection Integration Component to connect your Altiris Database and the Symantec Endpoint Protection Manager database. Connector Solution is automatically installed with the Symantec Endpoint Protection Integration Component.</p> <p>For information about Connector Solution see the <i>Altiris Connector Solution Product Guide</i> at <a href="http://www.altiris.com/Support/Documentation.aspx">http://www.altiris.com/Support/Documentation.aspx</a>.</p>
Altiris Agent 6.0 (installed on client computers)	<p>To use Notification Server with Windows client computers, you must install the Altiris Agent onto them. To run Symantec Endpoint Protection tasks from the Notification Server, the client computers must have the Altiris Agent installed. Following the installation of Symantec Endpoint Protection Integration component, you can install the Altiris Agent to client computers from the Altiris Console.</p> <p>For information about Altiris Agent see the <i>Altiris Notification Server Help</i> at <a href="http://www.altiris.com/Support/Documentation.aspx">http://www.altiris.com/Support/Documentation.aspx</a>.</p>
Symantec Endpoint Protection Client (installed on client computers)	<p>The Symantec Endpoint Protection Client Software is installed on client computers. It allows Symantec Endpoint Protection Manager to secure your environment. Following installation of Symantec Endpoint Protection Integration Component you can deploy and install, manage, update, repair, and uninstall the Symantec Endpoint Protection Client from the Notification Sever.</p> <p>For information about the Symantec Endpoint Protection Client see the <i>Symantec Endpoint Protection and Symantec Network Access Control</i> product guides that accompany Symantec Endpoint Protection.</p>

Component	Descriptions
Client Task Agent and Script Task Agent (installed on client computers)	<p>Notification Server includes Task Server to run management tasks in sequence. Symantec Endpoint Protection Integration Component requires that two Task Server agents be installed on client computers. Following installation of Symantec Endpoint Protection Integration Component you will install the Client Task Agent and the Script Task Agent on your client computers.</p> <p>For information about Task Server see the <i>Altiris Task Server Help</i> at <a href="http://www.altiris.com/Support/Documentation.aspx">http://www.altiris.com/Support/Documentation.aspx</a>.</p>

## Where to get more information

You can download the following product documentation with Symantec Endpoint Protection and Symantec Network Access Control from <http://www.Symantec.com/>:

- *Getting Started Guide* for Symantec™ Endpoint Protection and Symantec™ Network Access Control
- *Installation Guide for Symantec™ Endpoint Protection and Symantec™ Network Access Control*
- *Administration Guide for Symantec™ Endpoint Protection and Symantec™ Network Access Control*
- *Client Guide for Symantec™ Endpoint Protection and Symantec™ Network Access Control*

For information about using the Altiris platform see the following guides at <http://www.altiris.com/Support/Documentation.aspx>:

- *Altiris Console 6.5 Product Guide*
- *Altiris Notification Server Help*
- *Altiris Notification Server Reference Guide*
- *Altiris Task Server Help*
- *Altiris Connector Solution Product Guide*

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## Chapter 2

# Installing Symantec Endpoint Protection Integration Component

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This chapter includes the following topics:

- [Prerequisites](#)
- [Planning the Management Architecture](#)
- [About the Symantec Endpoint Protection Integration Component Installer](#)
- [Installing Symantec Endpoint Protection Integration Component](#)
- [Uninstalling Symantec Endpoint Protection Integration Component](#)

## Prerequisites

To install and use Symantec Endpoint Protection Integration Component you must first install prerequisite software. However, before installing this prerequisite software we recommended that you read the topic [Planning the Management Architecture](#).

Prerequisite software includes:

- Altiris Notification Server 6.0 SP3  
For information about installing Altiris Notification Server, see *Installation* in the *Altiris Notification Server Help* at <http://www.altiris.com/Support/Documentation.aspx>.
- Symantec Endpoint Protection Manager 11, using an SQL Server database  
For information about installing Symantec Endpoint Protection, see the *Symantec™ Endpoint Protection Installation Guide*.

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### Note

Symantec Endpoint Protection includes an optional embedded Sybase database. This database is not supported by the Symantec Endpoint Protection Integration Component. Only SQL Server 2000 or SQL Server 2005 databases are supported.

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## Planning the Management Architecture

This section provides information to consider when planning your integrated environment's architecture. It discusses the following scenarios:

Scenario	Description
Notification Server and Symantec EP Manager installed on separate computers and using separate SQL Servers	This is the recommended method of setting up your integrated environment. See <a href="#">Notification Server and Symantec Endpoint Protection Manager Installed on Separate Computers</a> .
Notification Server and Symantec EP Manager installed on separate computers sharing a single SQL Server	Notification Server and Symantec Endpoint Protection Manager can be installed on separate computers and share a single SQL Server. See <a href="#">Notification Server and Symantec Endpoint Protection Manager Installed on Separate Computers</a> .
Notification Server with Multiple Symantec Endpoint Protection Managers.	You can have multiple Symantec Endpoint Protection Managers with a single Notification Server.  See <a href="#">Notification Server and Symantec Endpoint Protection Manager Installed on Separate Computers</a> .
Notification Server and Symantec EP Manager installed on the same computer	Notification Server and Symantec Endpoint Protection Manager can be installed on the same computer and share the same SQL Server, however special setup considerations must be observed. See <a href="#">Notification Server and Symantec Endpoint Protection Manager on the Same Computer</a> .

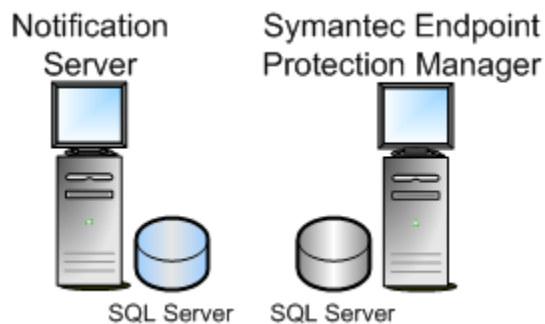
**Note**

If a single Symantec Endpoint Protection Manager manages computers that are also managed by multiple Notification Servers, the data reported to the Notification Server containing Symantec Endpoint Protection Integration Component will include client computers that are managed by other Notification Servers. This occurs because data imported between your Symantec Endpoint Protection Manager database and your Notification Server database includes all computers managed by the Symantec Endpoint Protection Manager. When managing your client computers with multiple Notification Servers, this import could include computers that you may or may not want to manage with the Notification Server containing Symantec Endpoint Protection Integration Component because these computers could have been intended to be managed by a different Notification Server.

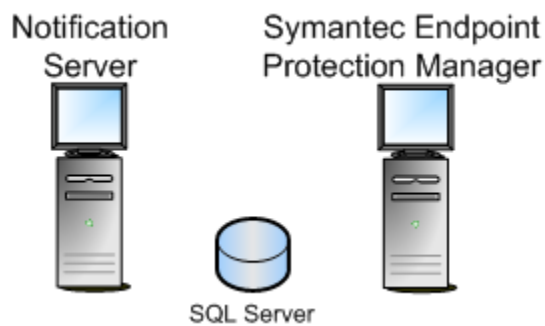
## Notification Server and Symantec Endpoint Protection Manager Installed on Separate Computers

The Altiris Server and the Symantec Endpoint Protection Manager can be installed on separate computers. However, both servers must be using SQL Server databases.

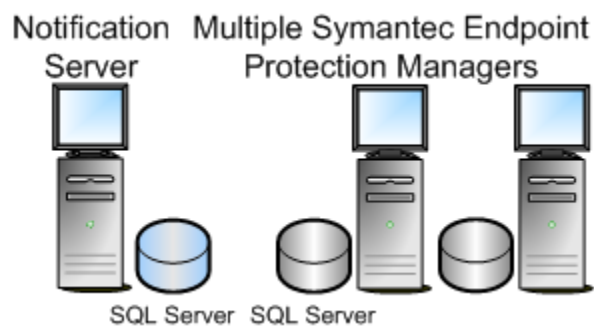
The Notification Server database and the Symantec Endpoint Protection Manager database can each use separate SQL Servers:



The Notification Server and Symantec Endpoint Protection Manager can also share a single SQL Server:



You can have multiple Symantec Endpoint Protection Managers and a single Notification Server:



## Notification Server and Symantec Endpoint Protection Manager on the Same Computer

You can install Notification Server and Symantec Endpoint Protection Manager on the same server:

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### Important

When possible, it is preferable to install the Notification Server system first and then to install the Symantec Endpoint Protection Manager.

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## Notification Server and Symantec Endpoint Protection Manager



You can install the software in one of the following sequences:

- [Installing the Altiris Notification Server System First](#)
- [Installing Symantec Endpoint Protection Manager First](#)

By default, Altiris Notification Server and Symantec Endpoint Protection Manager are both configured to use the same port (port 9090). These systems cannot successfully coexist together on the same computer while they are sharing the same port number. The Symantec Endpoint Protection Integration Component installer runs a script during installation that reconfigures the Notification Server to use port 9091. The script then restarts two services, the Altiris Notification Server Receiver Service, and the Symantec Endpoint Protection Manager Service. This allows the two systems to work together on the same computer.

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### Note

The registry key that defines what port the Notification Server uses, is located at:

**HKEY\_LOCAL\_MACHINE > SOFTWARE > Altiris > eXpress > Notification Server**

The key is named: **RpcEndpoint**

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## Installing the Altiris Notification Server System First

It is recommended that you install the Notification Server first, then the Symantec Endpoint Protection Integrated Component, and then to install the Symantec Endpoint Protection Manager. Do these steps:

1. Install the Altiris Notification Server.  
See *Installation* in the *Altiris Notification Server Help* at <http://www.altiris.com/Support/Documentation.aspx>.
2. Install the Symantec Endpoint Protection Integration Component.  
See [Installing Symantec Endpoint Protection Integration Component](#).
3. Install the Symantec Endpoint Protection Manager  
See the *Symantec™ Endpoint Protection Installation Guide* that accompanies Symantec Endpoint Protection.

## Installing Symantec Endpoint Protection Manager First

If you have already installed a Symantec Endpoint Protection Manager, complete the following steps to install Notification Server and the Symantec Endpoint Protection Integration Component:

1. Install the Symantec Endpoint Protection Manager.  
See the *Symantec™ Endpoint Protection Installation Guide* that accompanies Symantec Endpoint Protection.
2. Install the Altiris Notification Server.  
See *Installation* in the *Altiris Notification Server Help* at <http://www.altiris.com/Support/Documentation.aspx>.
3. Reboot the computer.
4. Log in to the Notification Server.
5. Attempt to login to Symantec Endpoint Protection Manager. During this step in the process, the login attempt should fail. This is expected behavior when setting up the environment in this order.
6. Install Symantec Endpoint Protection Integration Component on the Notification Server.  
See *Installing Symantec Endpoint Protection Integration Component*.
7. Reboot the computer.
8. Log in to the Notification Server.
9. Login to the Symantec Endpoint Protection Manager.

## About the Symantec Endpoint Protection Integration Component Installer

The Symantec Endpoint Protection Integration Component installer installs the latest versions of the following software components, including dependent solutions (if needed), on your Notification Server computer:

- Symantec Endpoint Protection Integration Component
- Report Pack for Symantec Endpoint Protection Component
- Symantec Endpoint Protection Integration Component Documentation
- Altiris 6.5 Console
- Altiris Connector Solution Data Integration Component
- Altiris Connector Solution Data Integration Component Extension
- Altiris Connector Solution Event Integration Component
- Altiris Connector Solution User Interface Integration Component
- Altiris Connector Solution Documentation
- Altiris Task Management
- Altiris Report Pack for Task Server

- Altiris Task Server Language Pack
- Altiris Task Server Documentation

## Installing Symantec Endpoint Protection Integration Component

Before you can install Symantec Endpoint Protection Integration Component you must have an operational Notification Server, see *Installation* in the *Altiris Notification Server Help* at <http://www.altiris.com/Support/Documentation.aspx>.

### To install Symantec Endpoint Protection Integration Component:

1. On the Notification Server computer, start the Altiris Console by selecting **Start > Programs > Altiris > Altiris Console 6.5**.
2. Select the **Configure** menu, then select **Solution Center**.
3. In the **Available Solutions** tab view, click the **Segments** button.
4. Expand the **Components** list.
5. Select **Symantec Endpoint Protection Integration Component**.
6. Click **Start**.

## Uninstalling Symantec Endpoint Protection Integration Component

You can individually remove the components installed by the Symantec Endpoint Protection Integration Component installer.

### To uninstall Altiris solutions, components, and packages:

1. On the Notification Server computer, start the Altiris Console by selecting **Start > Programs > Altiris > Altiris Console 6.5**.
2. Select the **Configure** menu, then select **Solution Center**.
3. Click the **Currently Installed** tab view.
4. In the Row of the item you wish to remove click **Remove**.
5. Click **Start**.

### The following sequence shows the reverse order of installation:

1. Symantec Endpoint Protection Integration Component Documentation
2. Report Pack for Symantec Endpoint Protection Component
3. Symantec Endpoint Protection Integration Component
4. Altiris Connector Solution Documentation
5. Altiris Connector Solution Data Integration Component
6. Altiris Connector Solution Event Integration Component
7. Altiris Connector Solution User Interface Integration Component

8. Altiris Connector Solution Data Integration Component Extensions
9. Altiris Task Server Documentation
10. Altiris Task Server Language Pack
11. Altiris Report Pack for Task Server
12. Altiris Task Management

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## Chapter 3

# Setting up Symantec Endpoint Protection Integration Component

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Following the installation of the Symantec Endpoint Protection Integration Component, you can access and manage its features from the Altiris Console. Open the Symantec Endpoint Protection Integration Component portal page by going to **View > Solutions > Symantec Endpoint Protection**.

The Symantec Endpoint Protection Integration Component portal page includes a dashboard that displays information about your Symantec Endpoint Protection Clients. In the dashboard is a **Quick Start** pane that provides steps to set up and configure Symantec Endpoint Protection Integration Component. You need to setup Symantec Endpoint Protection Integration Component before the portal page displays data.

This chapter includes the following topics:

- [Set Up Notification Server](#)
- [Deploy the Symantec Endpoint Protection Client](#)
- [Configure New Integration](#)

## Set Up Notification Server

To set up Symantec Endpoint Protection Integration Component in the Altiris Console, complete the following tasks:

1. [Discover computers](#)
2. [Install Altiris Agent](#)
3. [Install Client Task Agent](#)
4. [Install Script Task Agent](#)

## Discover computers

Before installing the Altiris Agent to manage your client computers, you need to discover computers. Resource Discovery lets you create a list of computers available to which you install the Altiris Agent.

There are two options of resource discovery:

### To access the Resource Discovery page:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane select **Discover Computers**.

The **Resource Discovery** page opens.

- **Domain Browse List option**

This options uses the network browse list to create a list of computers belonging to a domain, without affecting network traffic. This is a list of the active computers on

the network. It is the same list of computers displayed if you use the My Network Places feature of Windows.

- **Domain Membership option**

This option finds computers that have been assigned to a particular domain and also includes computers that might be disconnected from the network or no longer active.

The active icons on the Resource Discovery tool bar are:

- **Add domain name to search list** - Add the domain name you have entered in the text field to the search list.
- **Browse** - Lets you browse and select from available domains.
- **Change credentials** - Change access credentials for the selected domains.
- **Delete** - Lets you remove selected domains from the search list.

After you discover computers, the following data about each computer is discovered:

- Name
- OS name
- Main version
- Minor version
- Platform

#### To discover computers and view discovery reports:

1. Add one or more domains to search.
2. Change access credentials to the selected domain if required.
3. Select **Domain Browse List** if required.
4. Select **Domain Membership** if required (not suitable for workgroups).
5. Click **Discover Now** (discovers for all, not only selected domains).
6. If desired, set up scheduling options. Select **Enable Schedule** to apply the schedule.
7. Click **Apply** after entering all information.
8. (Optional) Click **View discovery reports** to open a new window with Notification Server discovery reports if required.

After you have discovered computers, they are visible in the Altiris Agent Installation page.

## Install Altiris Agent

To use Altiris Notification Server with Windows computers, you must install the Altiris Agent onto them. The Altiris Agent provides the base functionality that Notification Server requires of its managed computers.

This topic discusses installing the Altiris Agent to your client computers from the Notification Server. You do not need to be at the client computer to install the Altiris Agent. Specify which computers to push the installation to, then the Notification Server downloads and installs the Altiris Agent on the designated computers.

### To access the Altiris Agent Installation page:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane select **Install Altiris Agent**.

The **Altiris Agent Installation** page opens.

### To Install the Altiris Agent on client computers

1. Click **Select Computers** to choose computers that you discovered using Resource Discovery.

The **Select Computers** window opens.

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#### Note

Alternatively you can manually enter the names of individual computers. To do this enter the computer name of the computer into the field and click **Add**.

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2. Choose the **All Windows NT/2000/XP/2003/Vista Computers with no Altiris Agent installed** option from the drop down menu.
3. Select one or more computers.
4. Click **Apply**.  
The **Select Computers** window closes.
5. From the list of the computers, select the computers to which you want to install the Altiris Agent, and then click **Install Altiris Agent**.
6. Select any or none of the following options:
  - **Show the Altiris Agent icon in the start menu** - Select if you want the Altiris Agent icon displayed in the start menu.
  - **Show the Altiris Agent icon in the system tray** - Select if you want the Altiris Agent icon displayed in the system tray. This setting may be overridden by the Altiris Agent Settings after the Altiris Agent is installed. This just sets the initial Altiris Agent behavior.
  - **Use proxy** (if configured on target computer) - Select to use the proxy if it is configured on the Altiris Agent.
  - **Override the default installation path** - Select this and enter the desired installation path. By default, the Altiris Agent will be installed to the install path\Altiris\Altiris Agent directory on the same drive as the %WINDIR% directory.
  - **Specify different Notification Server** - Select this and enter the name of another Notification Server to which you want the Altiris Agents reporting.
  - **List the Altiris Agent in the Add/Remove Programs list** - Select to list the Altiris Agent in the Add or Remove Programs list on the target computer.
  - **Use the following admin account** - Select this to use another administrator's account and provide a valid user name and password.
  - **Additional parameters** - Enter any parameters needed for the installation.
7. Click **Save Settings**.
8. Click **Proceed With Install**.

The Altiris Agent is now installed on the targeted computers.

## Install Client Task Agent

Symantec Endpoint Protection Integration Component uses task server tasks for task sequencing and automation. To use these tasks you must install the Client Task Agent package onto client computers.

### To install the Client Task Agent:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane, select **Install Client Task Agent**.

The **Client Task Agent Install** page opens.

3. Check the **Enable** check-box to enable to installation.
4. By default the **Client Task Agent Install** is not applied to 64-bit computers. To add 64-bit computer collections to the install job, click the pencil icon in the **Applies to collections** field.

The **collection selector** window is displayed.

5. In the **collection selector** window, expand the **Computer Collections** folder and check the **All 32-bit Windows Computers** and the **All 64-bit Windows Computers** check-boxes.
6. Click **Apply**.

The **Collection Selector** window closes.

7. In the **Client Task Agent Install** page, click **Apply**.

The Client Task Agent is installed on the targeted computers.

## Install Script Task Agent

Symantec Endpoint Protection Integration Component uses Altiris Task Server tasks for task sequencing and automation. To use these tasks you must install the Script Task Agent package onto client computers.

### To install the Script Task Agent:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane, select **Install Script Task Agent**.

3. The **Script Task Agent Install** page opens.

4. Check the **Enable** check-box.

5. By default the **Script Task Agent Package** is not applied to 64-bit computers. To add 64-bit computer collections to the install job, click the pencil icon in the **Applies to collections** field.

The **collection selector** window is displayed.

6. Expand the **Computer Collections** folder and check the **All 32-bit Windows Computers Collection** and the **All 64-bit Windows Computers** check-boxes.

7. Click **Apply**.

The **collection selector** window is closed.

8. In the **Script Task Agent Install** page, click **Apply**.

The Client Task Agent is installed on the targeted computers.

## Deploy the Symantec Endpoint Protection Client

To deploy and install Symantec Endpoint Protection Client software to your client computers from the Notification Server, complete the following tasks:

1. [Update 32-bit Collection Membership](#)
2. [Update 64-bit Collection Membership](#)
3. [Configure Symantec EP Client Packages](#)
4. [Install Symantec 32-bit Client](#)
5. [Install Symantec 64-bit Client](#)

## Update 32-bit Collection Membership

After the Altiris Agent, the Client Task Agent, and the Script Task Agent have been installed on your client computers you must update the collection memberships. Then verify that all computers contained in the **All 32-bit Windows Computers with Latest Symantec EP Client** collections are computers that contain a Symantec Endpoint Protection Client that you intend to uninstall and then reinstall. Likewise verify that all computers contained in the **All 32-bit Windows Computers without Latest Symantec EP Client** collections are computers that do not contain the Latest Symantec Endpoint Protection Client that you would like to install it on.

### To update the 32-bit collection membership:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane, select **Update 32-bit Collection Membership**.

The **All 32-bit Windows Computers without Latest Symantec EP Client** collection page opens.

3. In the tool bar, click the **update membership icon**.

The collection membership is updated.

### To verify the 32-bit collection memberships:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the left navigation pane, expand the **Collections** folder.
3. Click the **All 32-bit Windows Computers with Latest Symantec EP Client** collection.
4. Verify that the computers displayed are computers that you want to uninstall, and then reinstall the Symantec Endpoint Protection client on.
5. Click the **All 32-bit Windows Computers without Latest Symantec EP Client** collection.
6. Verify that the computers displayed are computers that do not contain the latest Symantec Endpoint Protection Client and that you would like to install it on.

## Update 64-bit Collection Membership

After the Altiris Agent, the Client Task Agent, and the Script Task Agent have been installed on your client computers, you must update the collection memberships. Then verify that all computers contained in the **All 64-bit Windows Computers with Latest Symantec EP Client** collections are computers that contain the Symantec Endpoint Protection Client that you intend to uninstall and then reinstall. Likewise verify that all computers contained in the **All 64-bit Windows Computers without Latest Symantec EP Client** collections are computers that do not contain the Latest Symantec Endpoint Protection Client that you would like to install it on.

### To update the 64-bit collection membership:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane, select **Update 64-bit Collection Membership**.  
The **All 64-Bit Windows Computers without Latest Symantec EP Client** collection page opens.
3. In the tool bar, click the **update membership icon**.  
The collection membership is updated.

### To verify the 64-bit collection memberships:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the left navigation pane, expand the **Collections** folder.
3. Click the **All 64-bit Windows Computers with Latest Symantec EP Client** collection.
4. Verify that the computers displayed are computers that you want to uninstall, and then reinstall the Symantec Endpoint Protection client on.
5. Click the **All 64-bit Windows Computers without Latest Symantec EP Client** collection.
6. Verify that the computers displayed are computers that do not contain the latest Symantec Endpoint Protection Client and that you would like to install it on.

## Configure Symantec EP Client Packages

Using an Altiris Notification Server policy, you can remotely install Symantec Endpoint Protection Clients onto client computers from the Altiris Console. Symantec Endpoint Protection Manager includes a wizard for creating two setup.exe files that install the 32-bit Client and the 64-bit Client. The setup.exe files must reside on the Notification Server in a dedicated directory. The installer files each must be named: Setup.exe. The following paths must be used:

- The Symantec 32-bit Client Installer Setup.exe must be placed here:  
C:\Program Files\Altiris\Notification Server\NSCap\Bin\Win32\X86\ConnectSEP
- The Symantec 64-bit client installer Setup.exe file must be placed here:  
C:\Program Files\Altiris\Notification Server\NSCap\Bin\Win64\X64\ConnectSEP

This topic describes two ways of placing the Setup.exe files into the Notification Server's directory:

- *Manually copying the setup files*

- [Automatically exporting the setup files](#)

## Manually copying the setup files

From your Symantec Endpoint Protection Manager computer, manually copy the Symantec Endpoint Protection Client installation packages (Setup.exe files) onto the Notification Server computer. The 32-bit and 64-bit client installers must be stored in these locations:

- The Symantec 32-bit Client Installer Setup.exe must be placed here:  
C:\Program Files\Altiris\Notification Server\NSCap\Bin\Win32\X86\ConnectSEP
- The Symantec 64-bit client installer Setup.exe file must be placed here:  
C:\Program Files\Altiris\Notification Server\NSCap\Bin\Win64\X64\ConnectSEP

## Automatically exporting the setup files

When using the Symantec Endpoint Protection Manager to set up your client installation packages, you have an option to specify where to export the client installer setup.exe file. You can configure Symantec Endpoint Protection Manager to automatically export the client installers to the Notification Server directory location by entering the UNC path to the folder.

Example: \\SERVERNAME\NSCap\Bin\Win32\X86\ConnectSEP

When setting up this automation, the 32-bit and 64-bit client installers must be stored in the separate locations referenced above. These installer files must be named: Setup.exe. Following export, you must update the distribution points of the package to refresh the package to contain the updated files. See [Update the distribution points](#).

---

### Notes

- The Symantec Endpoint Protection Manager Deployment and Migration Wizard provides the option to create either an unattended client installer or a silent client installer. It is recommended that you use the silent client installer.
- Symantec Endpoint Protection Manager automatically exports the Setup.exe file into a unique sub-folder that it creates in the ConnectSEP folder. This sub-folder is supported by the Symantec Endpoint Protection Integration Component and no adjustment is needed.
- The C:\Program Files\Altiris\Notification Server\NSCap folder and its sub-folders are shared by default.

---

## Update the distribution points

After you have placed the Setup.exe files to the Notification Server directory, you must update the package distribution points. This refreshes a cache of the Software Delivery task so the package is updated to contain the new files.

---

### Note

This step is only necessary when you automatically export setup.exe files from Symantec Endpoint Protection Manager. If you manually copy the files, then you do not need to do the Update the distribution points step.

---

### To update the Symantec Endpoint Protection Client installer distribution points:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the left navigation pane, expand the **Configuration** folder, then do one of the following:
  - For 32-bit click **Symantec EP 32-bit Client**.  
In the right pane, click the **Update Distribution Points** button.
  - For 64-bit click **Symantec EP 64-bit Client**.  
In the right pane, click the **Update Distribution Points** button.

## Install Symantec 32-bit Client

When Symantec Endpoint Protection Integration Component installs the Symantec Endpoint Protection Client on client computers, it also includes a small agent program with the package. This agent program allows you to run Symantec Endpoint Protection tasks from the Altiris Console. To ensure that this agent program is also installed on your client computers, you must deploy the Symantec Endpoint Protection 32-bit client to all 32-bit computers, including computers that may already have had the Symantec Endpoint Protection 32-bit client installed previously.

If you have not already installed the Symantec Endpoint Protection Client on any computers in your environment, then you do not need to add the **All 32-bit Windows Computers** collection to the task. If this is the case, ignore step 4 in the procedure below.

---

#### Note

This package automatically uninstalls any of the following software from your client computers:

McAfee\* VirusScan\* 8.0  
 McAfee\* VirusScan\* 8.5  
 TrendMicro\* OfficeScan\* 7.0  
 TrendMicro\* OfficeScan\* 7.5

---

### To install the Symantec 32-bit Client:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane, select **Install Symantec 32-bit Client**.  
The **Symantec EP 32-bit Client Install** page opens.
3. Check the **Enable** check-box to enable the policy.
4. If you have previously installed the client software on computers in your environment, and you did not use Symantec Endpoint Protection Integration Component to do so, do the following:
  - a. the **Applies to collections** field, click the pencil icon.  
The **Collection Selector** window opens.
  - b. Check the **All 32-bit Windows Computers** check-box.
  - c. Click **Apply**.

---

**Note**

You need only target the **All 32-bit Windows Computers** collection with this task in an initial rollout scenario where you have previously installed the Symantec Endpoint Protection Client on computers in your environment. Following an initial rollout, you should revert the installation task's targeted collection back to the default collection **All 32-Bit Windows Computers without Latest Symantec Endpoint Protection Client**.

---

5. In the **Symantec EP 32-bit Client Install** page, click **Apply**.

## Install Symantec 64-bit Client

When Symantec Endpoint Protection Integration Component installs the Symantec Endpoint Protection Client on client computers, it also includes a small agent program with the package. This agent program allows you to run Symantec Endpoint Protection tasks from the Altiris Console. For this reason, in order to ensure that this agent program is also installed on your client computers, you must deploy the Symantec Endpoint Protection 64-bit client to all 64-bit computers, including computers that may already have had the Symantec Endpoint Protection 64-bit client installed previously.

If you have not already installed the Symantec Endpoint Protection Client on any computers in your environment, then you do not need to add the **All 64-bit Windows Computers** collection to the task. If this is the case ignore step 4 in the procedure below.

---

**Note**

This package automatically uninstalls any of the following software from you client computers:

McAfee\* VirusScan\* 8.0  
McAfee\* VirusScan\* 8.5  
TrendMicro\* OfficeScan\* 7.0  
TrendMicro\* OfficeScan\* 7.5

---

### To install the Symantec 64-bit Client:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane, select **Install Symantec 64-bit Client**.  
The **Symantec EP 64-bit Client Install** page opens.
3. Check the **Enable** check-box to enable the policy.
4. If you have previously installed the client software on computers in your environment, and you did not use Symantec Endpoint Protection Integration Component to do so, do the following:
  - a. the **Applies to collections** field, click the pencil icon.  
The **Collection Selector** window opens.
  - b. Check the **All 64-bit Windows Computers** check-box.
  - c. Click **Apply**.

---

**Note**

You need only target the **All 64-bit Windows Computers** collection with this task in an initial rollout scenario where you have previously installed the Symantec Endpoint Protection Client on computers in your environment. Following an initial rollout, you should revert the installation task's targeted collection back to the default collection **All 64-Bit Windows Computers without Latest Symantec Endpoint Protection Client**.

---

5. In the **Symantec EP 64-bit Client Install** page, click **Apply**.

## Configure New Integration

Complete the following tasks:

1. [Add New Symantec EP Manager](#)
2. [Configure New Integration](#)
3. [Refresh Configurations List](#)

## Add New Symantec EP Manager

Symantec Endpoint Protection Integration Component uses data imported from your Symantec Endpoint Protection Manager database into your Notification Database. You must add Symantec Endpoint Protection Managers to your **Symantec EP Manager Computers** collection so that the Notification Server is able to access this data.

### To add a Symantec Endpoint Protection Manager computer to the collection

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane, select **Add New Symantec EP Manager**.  
The **Edit Integration Collection** window opens.
3. Under **Inclusions** click the **Select a resource** link or click the pencil icon.  
The **Find Resource** dialog opens.
4. Select the **Computer** resource type from the drop-down list.
5. Set **Domain**, **OS Name**, and **Server** in the fields. If required, use the **Name like** feature to search for the resource. Click **Find**.  
The results are displayed in the grid. You can highlight the resource you require using Shift or Ctrl. Select the computer with Symantec Endpoint Protection Manager installed on it and click **OK**.
6. The choice of computer resources is displayed in the **Resource Selector**. Use the tool bar to add new resources, delete resources, and copy resources if required.
7. In the grid, select the Symantec Endpoint Protection Manager Computer computer resource.
8. Click **OK** to save resources selected or **Cancel** to disregard the selection.
9. In the **Edit Integration Collection** window, click **OK**.

## Configure New Integration

The Notification Server uses data that is imported from your Symantec Endpoint Protection Manager database into your Notification Database. The task below describes opening the Basic Data Import configuration page, defining database configuration details, defining the data import scheduling configuration, and applying the configuration to run.

### To run and configure the basic data import

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane, select **Configure New Integration**.  
The **Basic Data Imports** page is displayed.
3. In the **Configuration** field, select the Symantec Endpoint Protection Manager computer.
4. In the fields enter a description, server name, database name, and database schema.

---

#### Note

The default database name and schema name is SEM5. If you are using many Symantec Endpoint Protection managers in your environment, it is recommended that you change this name.

---



---

#### Note

If you are not using the default SQL Server instance, type in the:  
ServerName\InstanceName

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5. Enter the database user name, password, and confirm the password.
6. Under the Linked Server Provider section, select **SQL Server**.
7. The provider details in the **Linked Server Provider** section are automatically added.
8. Under the **Scheduling** section, click the **Enable Schedule** check-box, then select an import schedule from the drop-down menu.
9. Click **Apply**.

The data import configuration is applied.

Data is now imported from your Symantec Endpoint Protection Manager into the Notification Database according to the scheduling configuration that you defined.

## Refresh Configurations List

After you have added a Symantec Endpoint Protection Manager Computer and have configured and run the basic data import, you must refresh the configurations list. This refreshes the Altiris Console to reflect the Symantec Endpoint Protection Integration Component data changes that you have made to the system.

### To refresh the configurations list:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the **Quick Start** pane, select **Refresh Configurations List**.

The configurations lists are refreshed.

---

## Chapter 4

# Using Symantec Endpoint Protection Integration Component

---

This chapter includes the following topics:

- [The Symantec Endpoint Security Portal Page](#)
- [About Symantec Endpoint Protection Integration Component Collections](#)
- [Symantec Endpoint Protection Integration Component Configuration Items](#)
- [Symantec Endpoint Protection Integration Component Reports](#)
- [Running Symantec Endpoint Protection Integration Component Reports](#)
- [Symantec Endpoint Protection Integration Component Tasks](#)
- [Running Symantec Endpoint Protection Integration Component Tasks](#)

## The Symantec Endpoint Security Portal Page

Symantec Endpoint Protection Integration Component includes an Altiris Console portal page. On this page you can view and link to information about your environment. A Quick Start is available to assist when setting up the integration component. To access the Symantec Endpoint Security Portal Page in the Altiris Console, click **View > Solutions > Symantec Endpoint Protection**.

## About Symantec Endpoint Protection Integration Component Collections

In the Altiris Notification Server, computer resources are organized as collections. Symantec Endpoint Protection Integration Component automatically adds each client computer to its applicable collections.

### To access Symantec Endpoint Protection collections:

1. In the Altiris Console, go to **View > Solutions > Symantec Endpoint Protection**.
2. In the left pane, expand the **Collections** folder.
3. Select the collection that you want to display.

Symantec Endpoint Protection Integration Component client computer collections include:

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### Symantec Endpoint Protection Integration Component Collections

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All 32-Bit Windows Computers with Latest Symantec EP Client

---

All 32-Bit Windows Computers without Latest Symantec EP Client

---

All 64-Bit Windows Computers with Latest Symantec EP Client

---

All 64-Bit Windows Computers without Latest Symantec EP Client

---

**Note**

You must install the Altiris Agent on your client computers to use Symantec Endpoint Protection Integration Component client tasks from the Altiris Console. When viewing the **All 32/64-bit computers without Latest Symantec EP Client** collections, you can verify whether the Altiris Agent has been installed on them by checking to see if there is a "1" in the "Is Managed" column of the collection. For information about installing the Altiris Agent see [Setting up Symantec Endpoint Protection Integration Component](#).

For information about Notification Server collections see the *Altiris Notification Server Help* at <http://www.altiris.com/Support/Documentation.aspx>.

## Symantec Endpoint Protection Integration Component Configuration Items

Symantec Endpoint Integration Component includes configuration items in the Altiris Console into which you specify configuration information.

To access these configuration items in the Altiris 6.5 Console:

1. Go to **View > Solutions > Symantec Endpoint Protection**.
2. In the left pane, expand the **Configuration** folder.
3. Select the configuration item that you want to display.

Symantec Endpoint Protection Integration Component configuration items include:

Configuration item page	Description
Configuration	Use this page to configure the Basic Data Import from the Symantec Endpoint Protection Manager Database into the Notification Database.
Symantec EP 32-bit Client	Use this page to specify configuration details about the Symantec Endpoint Protection 32-bit Client package.
Symantec EP 32-bit Client Install	Use this page to enable, schedule, and run the Symantec Endpoint Protection 32-bit Client installation on specified collections of 32-bit Windows computers.
	<p><b>Note</b></p> <p>This package automatically uninstalls any of the following software from your client computers:</p> <ul style="list-style-type: none"> <li>McAfee* VirusScan* 8.0</li> <li>McAfee* VirusScan* 8.5</li> <li>TrendMicro* OfficeScan* 7.0</li> <li>TrendMicro* OfficeScan* 7.5</li> </ul>
Symantec EP 32-bit Client Uninstall	Use this page to enable, schedule, and run the Symantec Endpoint Protection 32-bit Client uninstall on specified collections of 32-bit Windows computers.

Configuration item page	Description
Symantec EP 64-bit Client	Use this page to specify configuration details about the Symantec Endpoint Protection 64-bit Client package.
Symantec EP 64-bit Client Install	Use this page to enable, schedule, and run the Symantec Endpoint Protection 64-bit Client installation on specified collections of 64-bit Windows computers.  <b>Note</b> This package automatically uninstalls any of the following software from your client computers: McAfee* VirusScan* 8.0 McAfee* VirusScan* 8.5 TrendMicro* OfficeScan* 7.0 TrendMicro* OfficeScan* 7.5
SAMPLE Symantec EP 64-bit Client Uninstall	Use this page to enable, schedule, and run the Symantec Endpoint Protection 64-bit Client uninstall on specified collections of 64-bit Windows computers.  <b>Note</b> To operate correctly, this task requires that you modify the uninstall.js file to contain the most current MSI ProductCode GUID. See <a href="#">Configuring the Symantec Endpoint Protection 64-bit Client Uninstall Policy</a> .
Symantec EP Manager Computers	This page is a link to the collection where you specify Symantec Endpoint Protection Manager computer.

For information see the *Altiris Notification Server Help* at <http://www.altiris.com/Support/Documentation.aspx>.

## Configuring the Symantec Endpoint Protection 64-bit Client Uninstall Policy

To uninstall Symantec Endpoint Protection 64-bit clients using the Symantec Endpoint Protection Integration Component, the MSI ProductCode GUID of the Symantec Endpoint Protection 64-bit Client is required.

This ProductCode GUID changes as the Symantec Endpoint Protection 64-bit Client is updated. In this release, the Symantec Endpoint Protection Integration Component's Symantec EP 64-bit Client Uninstall task does not have access to this GUID as it changes.

To remotely uninstall the Symantec Endpoint Protection 64-bit Client, the SAMPLE Symantec EP 64-bit Client Uninstall policy is provided with Symantec Endpoint

Protection Integration Component. To use this policy it is required that you manually the policies uninstall.js file to your Client's current sepProductCode GUID. To obtain the current ProductCode GUID for the version of your Symantec Endpoint Protection 64-bit Client, you must get the value from the 64-bit registry of your client computer.

To do this:

1. On the client computer run: regedit.

---

**Note**

Running regedit on 64-bit computers defaults to the 64-bit registry.

---

2. In the registry editor, go to HKLM\Software\Symantec\Symantec Endpoint Protection\SMC\ProductCode
3. On the Notification Server computer, open the 64-bit Symantec Endpoint Protection 64-bit Client uninstall.js file by going to:  
C:\Program Files\Altiris\Notification Server\NSCap\Bin\Win64\X64\ConnectSEP\uninstall.js
4. In the uninstall.js file, remove the comment tags (//) from the lines:  

```
//var sepProductCode = "{AEEE3540-F708-453C-910E-0CE78AF433CA}";  
//shell.Run( "MsiExec.exe /quiet /norestart /X " + sepProductCode, 0, true );
```
5. In the uninstall.js file, replace the "sepProductCode" GUID value with the current ProductCode GUID value that you obtained from your client computer.
6. Save the uninstall.js file.
7. The policy is now prepared to correctly uninstall your 64-bit Symantec Endpoint Protection Clients.

## Symantec Endpoint Protection Integration Component Reports

Symantec Endpoint Protection Integration Component provides several reports that give you information on infected and at risk computers, identifies computers that have not connected to Symantec Endpoint Protection Manager recently, and gives you status on your Symantec Endpoint Protection clients.

These reports are based on data that has been imported from Symantec Endpoint Protection Managers into Notification Server. You must perform a data import before these reports will display data See [Setting up Symantec Endpoint Protection Integration Component](#).

---

**Note**

The timeliness of the data is dependant on the frequency of the data import schedule defined.

---

A portal page displays when you click Symantec Endpoint Protection in the left pane. This page lets you view information about your Symantec Endpoint Protection environment. Some of the panes in the portal page provide links that run a report based on specific criteria.

You can also run these reports from the Reports page using criteria to filter the data. This gives you the flexibility to retrieve the information you need.

Reports include:

Computers Not Recently Connected to Symantec EP Server
Infected and At Risk Computers
Symantec EP Client Content Version
Symantec EP Client Content Version Details
Symantec EP Client Content Version Summary
Symantec EP Client Version Details
Symantec EP Client Version Summary

For information about Notification Server reports see the *Altiris Notification Server Help* at <http://www.altiris.com/Support/Documentation.aspx>.

## Running Symantec Endpoint Protection Integration Component Reports

To run a report:

1. Select **View > Solutions > Symantec Endpoint Protection**.
2. In the left pane, select **Reports**.
3. Select the report you want to run.
4. Click **Run this Report**.
5. Select or enter Parameters (if available) to filter the report data.
6. Select **Refresh** to run the report with the chosen parameters.

## Symantec Endpoint Protection Integration Component Tasks

Symantec Endpoint Protection Integration Component gives you the ability to run Symantec Endpoint Protection tasks on computers in your network from the Altiris Console.

These tasks include:

Task	Description
Repair Symantec EP Client	This task is an automated refresh of the Symantec Endpoint Protection Client and its client content on the computers that you specify.
Run Quick Scan for Viruses and Security Risks	Launches the Symantec Endpoint Protection Quick Scan task on the computers that you specify.
Update Symantec EP Client Content	This task updates Symantec Endpoint Protection client content, for example, virus definition and signature files, on the computers that you specify.

<b>Task</b>	<b>Description</b>
Update Symantec EP Client Content and Run Quick Scan	Updates the Symantec Endpoint Protection Client content, and then automatically runs a Symantec Endpoint Protection Quick Scan task on the computers that you specify.

For information about using Notification Server tasks see the *Altiris Task Server Help* at <http://www.altiris.com/Support/Documentation.aspx>.

## Running Symantec Endpoint Protection Integration Component Tasks

To run a task:

1. Select **View > Solutions > Symantec Endpoint Protection**.
2. In the left pane, select **Tasks**.
3. Select the task that you want to run.
4. Click **Run Now**.
5. In the **Run Information** section specify a **Run Name**.
6. In the **Task Input** section click the **Select Computers** link to add collections of computers.
7. Select Computer Collections.
8. Click **OK**.
9. Click **Run Now**.

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