

# Administering Trend Micro InterScan for Cisco CSC SSM

This chapter describes administration tasks, and includes the following sections:

- Configuring Connection Settings, page 6-1
- Managing Administrator E-mail and Notification Settings, page 6-2
- Backing Up Configuration Settings, page 6-3
- Configuring Failover Settings, page 6-4
- Installing Product Upgrades, page 6-6
- Viewing the Product License, page 6-6

## **Configuring Connection Settings**

To configure connection settings, perform the following steps:

Step 1 To view current network connection settings, choose Administration > Device Settings > Connection Settings.

The Connection Settings window (shown in Figure 6-1) displays selections that you made during installation.

Summary	Connection Sett	ings		2
▶ Mail (SMTP)	Connection Setti	ngs 🖟		
▶ Mail (POP3)	Host name:	athena-sg		
▶ Web (HTTP)	Demain name	evample pet		
▶ File Transfer (FTP)	Domain name.			
▶ Update	IP address:	10.2.15.230		
Loas	Subnet mask:	255.255.254.0		
Administration	Default gateway:	10.2.15.3		
Device Settings	Primary DNS:	10.2.8.30		
Concention Cottings		10.2.8.34	(optional)	



You can change the Primary DNS and Secondary DNS IP address fields in this window.

- Step 2To change other connection settings, such as hostname, domain name, or IP address, choose<br/>Configuration > Trend Micro Content Security and choose CSC Setup from the menu.
- Step 3 You can also change these settings using the CLI. Log in to the CLI, and enter the session 1 command. If this is the first time you have logged in to the CLI, use the default username (cisco) and password (cisco). You are prompted to change your password.
- Step 4 Select option 1, Network Settings, from the Trend Micro InterScan for Cisco CSC SSM Setup Wizard menu.
- Step 5 Follow the on-screen instructions to change the settings.

For more information, see the "Reimaging the CSC SSM" section on page A-4.

## **Managing Administrator E-mail and Notification Settings**

The Notification Settings window (shown in Figure 6-2) allows you to:

- View or change the administrator e-mail address that you selected during installation on the Host Configuration window.
- View the SMTP server IP address and port you selected during installation on the Host Configuration window.
- Configure the maximum number of administrator notifications per hour.

Mail (SMTP)	Notification Settings		
Mail (POP3)	l		
Web (HTTP)	Send Email Notifications to:		
File Transfer (FTP)	Administrator email:	admin@example.com	
· Update	SMTP server:	10.2.42.134 Port: 2	25
Logs	Maximum notifications per hour:	50 (1-300)	
Administration			
Device Settings	SaveCancel		
Connection Settings			
Device Failover Settings			
Notification Settings			

Figure 6-2 Notification Settings Window

To make changes on the Notification Settings window, perform the following steps:

- Step 1 Enter the new information and click Save.
- Step 2 You can also make these changes in the ASDM. Choose Configuration > Trend Micro Content Security, and then choose CSC Setup from the menu.

## **Backing Up Configuration Settings**

This section describes how to back up configuration settings, and includes the following topics:

- Exporting a Configuration, page 6-4
- Importing a Configuration, page 6-4

Trend Micro InterScan for Cisco CSC SSM provides the ability to back up your device configuration settings and save them in a compressed file. You can import the saved configuration settings and restore your system to those settings configured at the time of the save.



A configuration backup is essential for recovery in case you forget your ASDM or Web GUI password, depending on how you have set your password-reset policy. For more information, see Recovering a Lost Password, page 8-4 and Modifying the Password-reset Policy, page A-11.

As soon as you finish configuring Trend Micro InterScan for Cisco CSC SSM, create a configuration backup.

To back up configuration settings:

Choose Administration > Configuration Backup to display the Configuration Backup window, shown in Figure 6-3.

TREND MICRO	"InterScan" for Cisco CSC SSM Log Off  Help
▶ Mail (SMTP)	Configuration Backup 🚱
▶ Mail (POP3)	
▶ Web (HTTP)	Import Configuration File
▶ File Transfer (FTP)	Salet a configuration file
▶ Update	
▶ Logs	Export InterScan for Cisco CSC SSM Settings into the Configuration File
<ul> <li>Administration</li> </ul>	Export current settings to a configuration file: Export
Device Settings	
Connection Settings	
Device Failover Settings	
Notification Settings	
Dedictor to DCS	



### **Exporting a Configuration**

To save configuration settings, perform the following steps:

Step 1	On the Configuration Backup window, click Export.
	A File Download dialog box appears.
Step 2	You can open the file, called config.tgz, or save the file to your computer.

### Importing a Configuration

To restore configuration settings, perform the following steps:

- Step 1 On the Configuration Backup window, click Browse.
- **Step 2** Locate the config.tgz file and click **Import**.

The filename appears in the Select a configuration file field. The saved configuration settings are restored to the adaptive security appliance.

Importing a saved configuration file restarts the scanning service and the counters on the Summary window are reset.

## **Configuring Failover Settings**

Trend Micro InterScan for Cisco CSC SSM enables you to replicate a configuration to a peer unit to support the device failover feature on the adaptive security appliance. Before you configure the peer device, or the CSC SSM on the failover device, finish configuring the primary device.

When you have fully configured the primary device, follow the steps exactly as described in the following checklist to configure the failover peer. Print a copy of the checklist that you can use to record the steps as you progress.

Step	Configuring Failover Settings Checklist	Status
1	Decide which appliance should act as the primary device, and which should act as the secondary device. Record the IP address of each device in the space provided:	
	Notes:	
		ō
2	Open a browser window and enter the following URL in the Address field: http:// <primary address="" device="" ip="">:8443. The Logon window appears. Log on, and choose Administration &gt; Device Settings &gt; Device Failover Settings.</primary>	
3	Open a second browser window and enter the following URL in the Address field: http:// <secondary address="" device="" ip="">:8443. As in step 2, log on, and choose <b>Administration &gt; Device Settings &gt; Device Failover Settings</b>.</secondary>	
4	On the Device Failover Settings window for the primary device, enter the IP address of the secondary device in the Peer IP address field. Enter an encryption key of one to eight alphanumeric characters in the Encryption key field. Click <b>Save</b> , and then click <b>Enable</b> . The following message appears under the window title:	
	InterScan for CSC SSM could not establish a connection because the failover peer device is not yet configured. Please configure the failover peer device, then try again.	
	This message is normal behavior and appears because the peer is not yet configured.	
5	On the Device Failover Settings window for the secondary device, enter the IP address of the primary device in the Peer IP address field. Enter the encryption key of one to eight alphanumeric characters in the Encryption key field. The encryption key must be identical to the key entered for the primary device. Click <b>Save</b> , and then click <b>Enable</b> . The following message appears under the window title:	
	peer device.	
	Do not click anything else at this time for the secondary device.	
6	On the Device Failover Settings window for the primary device, click <b>Synchronize with peer</b> .	
7	The message in the Status field at the bottom of the windows should state the date and time of the synchronization, for example:	
	Status: Last synchronized with peer on: 09/29/2005 15:20:11	



Be sure you do not click **Synchronize with peer** at the end of Step 5 while you are still on the Device Failover Settings window for the secondary device. If you do, the configuration you have already set up on the primary device is erased. You must perform manual synchronization from the primary device, as described in Step 6.

When you complete the steps on the checklist, the failover relationship has been successfully configured.

If you want to make a change to the configuration in the future, you should modify the configuration on the primary device only. Trend Micro InterScan for Cisco CSC SSM detects the configuration mismatch, and updates the peer with the configuration change you made on the first device.

The exception to the auto-synchronization feature is uploading a system patch. A patch must be applied on both the primary and secondary devices. For more information, see the "Installing Product Upgrades" section on page 6-6.

If the peer device becomes unavailable, an e-mail notification is sent to the administrator. The message continues to be sent periodically until the problem with the peer is resolved.

## Installing Product Upgrades

From time to time, a product upgrade becomes available that corrects a known issue or offers new functionality.

To install a product upgrade, do the following:

Step 1 Download the system patch from the website or CD provided.

Step 2 Choose Administration > Product Upgrade to display the Upgrade window, shown in Figure 6-4.

Figure 6-4	Product Upgrade Window
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TREND MICR	O‴InterScan <sup>™</sup> for C	isco CSC SSM off	Help I 🕖 IR	
Summary	Product Upgrade		<b>@</b>	
▶ Mail (SMTP)	Install Update			
▶ Mail (POP3)	Location:	Browse	Upload	
▶ Web (HTTP)				
▶ File Transfer (FTP)	Installed Patches			
▶ Update	Update Number	Update Information	Installed on 💌	
▶ Logs	6.1.1569.1   Uninstall	CSC SSM Hotfix - 6.1.1569.1	01/01/2003 00:08:49	
<ul> <li>Administration</li> </ul>	Patch 1203	Quisque ultricies, massa non pulvinar pharetra, nunc metus elementum massa, vel nonummy quam leo id dui.	08/28/2003 21:33:40	
Connection Settings	Patch 1098	Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae.	04/28/2003 09:23:45	



Upgrades may restart system services and interrupt system operation. Upgrading the system while the device is in operation may allow traffic containing viruses and malware through the network.

For information about installing and removing upgrades, see the online help for this window.

## Viewing the Product License

This section describes product licensing information, and includes the following topics:

- License Expiration, page 6-7
- Licensing Information Links, page 6-8
- Activating the Product, page 6-8

#### • Renewing a License, page 6-9

The Product License window (shown in Figure 6-5) allows you to view the status of your product license, including the following:

- Which license(s) are activated (Base License only, or Base License and Plus License)
- License version, which should state "Standard" unless you are temporarily using an "Evaluation" copy
- Activation Code for your license
- Number of licensed seats (users), which appears only for the Base License, even if you have purchased the Plus License
- Status, which should be "Activated"
- License expiration date. If you have both the Base and Plus Licenses, the expiration dates can be different.

Summary	Product License	2
Mail (SMTP)	Base License	View detailed license online
Mail (POP3)	Products	Base license for InterScan for CSC SSM
Web (HTTP)		
File Transfer (FTP)	Version:	Standard
Update	Activation code:	PX-FDZ8-UXKPV-KEYR8-AVACJ-9X4CW-8ZZ9F Enter a new code
Logs	Seats:	000001
	Status:	Activated
Automistration	Expiration date:	01/24/2007
Device Settings		Check Status Online
Connection Settings		Last Status Charles Status ant unified
Device Failover Settings		Last status check: status not venneu
Notification Settings	Plus License	View detailed license online
Register to DCS	Product:	Plus license for InterScan for CSC SSM
Register to TMCM	Warrion	Standard
Configuration Backup		
Product Upgrade	Activation code:	PX-2VSC-N/MN4-8DJA8-MKFCT-SDHBS-3K4HK
Password	Status:	Activated
Product License	Expiration date:	01/24/2007
		Check Status Online
		Last Status Checky 12/26/2006

#### Figure 6-5 Product License Window

If your license is not renewed, antivirus scanning continues with the version of the pattern file and scan engine that was valid at the time of expiration, plus a short grace period. However, other features may become unavailable. For more information, see the License Expiration section.

#### **License Expiration**

As you approach and even pass the expiration date, a message appears in the Summary window under the window heading, similar to the example shown in Figure 6-6.

Figure 6-6	License Expiration Message
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	O"InterScan" for Cisco CSC SSM	
Summany	Product License	0
▶ Mail (SMTP)	Your InterScan for CSC-SSM license expired on 1/30/2006. Trend Micro has extended you a 3	O-day View renewal instructions
▶ Mail (POP3)	grace period.	

When your product license expires, you may continue using Trend Micro InterScan for Cisco CSC SSM, but you are no longer eligible to receive updates to the virus pattern file, scan engine, and other components. Your network may no longer be protected from new security threats.

If your Plus license expires, content filtering and URL filtering are no longer available. In this case, traffic is passed without filtering content or URLs.

If you purchased the Plus License after you purchased and installed the Base License, the expiration dates are different. You can renew each license at different times as the renewal date approaches.

#### Licensing Information Links

To obtain licensing information, perform the following steps:

- Step 1 In the Product License window, click the View detailed license online link to access the online registration website, where you can view information about your license, and find renewal instructions.
- Step 2 Click the Check Status Online link to display a message below the Product License window title that describes the status of your license, similar to the example in the previous figure.

For additional information, see the online help for the Product License window.

#### Activating the Product

If you did not activate Trend Micro InterScan for Cisco CSC SSM during installation, you must activate the product before you can use it.

If you have not yet activated the product, the Administration Product License screen contains the following message:

"The product has not been activated. Activate the product now to download the current virus pattern file and scan engine."  $\!\!\!$ 

To activate the Trend Micro InterScan for Cisco CSC SSM, perform the following steps:

Step 1 Obtain an Activation Code, which is a 37-character code, including hyphens.

If you do not have an Activation Code, do one of the following:

• See http://www.cisco.com/go/license/public for Cisco registration information.

- (For registered users only). With your Cisco.com User ID, log in to http://www.cisco.com/go/license/. Use the Product Authorization Key (PAK) that came with your Cisco Software License Certificate to register. Your Activation Code will be sent to you via e-mail, usually within a few minutes.
- Contact Cisco or your reseller.
- **Step 2** Choose **Administration > Product License**. Click the **Enter a new code** link.
- Step 3 In the New field, enter the activation code.
- Step 4 Click Activate.
- Step 5 After you have entered the activation code, run the ASDM CSC Setup Wizard to activate the product. For activation instructions, see the ASDM online help.

#### **Renewing a License**

You can renew a license at any time after the product activation. Contact your reseller or Cisco about ordering a license renewal for CSC SSM.

To renew a license for the CSC SSM, perform the following steps:

- Step 1 Go to http://www.cisco.com/go/license/.
- Step 2 Log in with your Cisco.com User ID, if necessary.
- **Step 3** Follow the on-screen instructions.
- Step 4 Enter the renewal product code that you received when you registered the Product Authorization Key (PAK) that came with your Cisco Software License Certificate.
- **Step 5** Choose **Administration > Product License** after successfully renewing your license.
- Step 6 Click Check Status Online to retrieve the latest license expiration date.

