



Comodo **Offline Updater Utility**

Software Version 1.2.30701.2

User Guide

Guide version 1.2.111114

Comodo Security Solutions 1255 Broad Street Clifton, NJ 07013

Table of Contents

1.Introduction to Comodo Offline Updater Utility		
2.Installing Comodo Offline Updater Utility. 3 3.Configuring and Using Comodo Offline Updater Utility. 7 3.1.Comodo Offline Updater Utility - Interface Basics 8 3.1.1.Persistent Navigational Elements -The File Menu and Shortcut Toolbar 8 3.2.Overview of Download Log and Request Log Windows 10 3.3.Configuration of Comodo Offline Updater Utility 13 3.4.CESM - Pointing Managed Installations of CIS to the Local Update Server 15 About Comodo. 22	1.Introduction to Comodo Offline Updater Utility	3
3.Configuring and Using Comodo Offline Updater Utility. 7 3.1.Comodo Offline Updater Utility - Interface Basics 8 3.1.1.Persistent Navigational Elements -The File Menu and Shortcut Toolbar 8 3.2.Overview of Download Log and Request Log Windows 10 3.3.Configuration of Comodo Offline Updater Utility 13 3.4.CESM - Pointing Managed Installations of CIS to the Local Update Server 15 About Comodo. 22	2.Installing Comodo Offline Updater Utility	3
3.1.Comodo Offline Updater Utility - Interface Basics 8 3.1.1.Persistent Navigational Elements -The File Menu and Shortcut Toolbar 8 3.2.Overview of Download Log and Request Log Windows 10 3.3.Configuration of Comodo Offline Updater Utility 13 3.4.CESM - Pointing Managed Installations of CIS to the Local Update Server 15 About Comodo. 22	3.Configuring and Using Comodo Offline Updater Utility	7
3.1.1.Persistent Navigational Elements -The File Menu and Shortcut Toolbar 8 3.2.Overview of Download Log and Request Log Windows 10 3.3.Configuration of Comodo Offline Updater Utility 13 3.4.CESM - Pointing Managed Installations of CIS to the Local Update Server 15 About Comodo 22	3.1.Comodo Offline Updater Utility - Interface Basics	8
3.2.Overview of Download Log and Request Log Windows 10 3.3.Configuration of Comodo Offline Updater Utility 13 3.4.CESM - Pointing Managed Installations of CIS to the Local Update Server 15 About Comodo. 22	3.1.1.Persistent Navigational Elements -The File Menu and Shortcut Toolbar	8
3.3.Configuration of Comodo Offline Updater Utility	3.2.Overview of Download Log and Request Log Windows	10
3.4.CESM - Pointing Managed Installations of CIS to the Local Update Server	3.3.Configuration of Comodo Offline Updater Utility	13
About Comodo	3.4.CESM - Pointing Managed Installations of CIS to the Local Update Server	15
	About Comodo	22

Introduction to Comodo Offline Updater Utility

The Comodo Offline Updater Utility allows administrators to configure a local server to download, store and provision database and program updates to networked computers running software such as Comodo Internet Security. The utility can be installed on a local server and configured to periodically download CIS signature and program updates from http://download.comodo.com (default). Once downloaded, this local server can then act as the CIS update server for some or all of the managed machines on the network. Setting up a local update server often allows an organization to save time and bandwidth when rolling out updates to a large number of managed nodes.

This utility is designed to provision updates to installations of Comodo Internet Security (CIS) that are running under the control of Comodo EndPoint Security Manager (CESM). Future releases may include full integration with the standalone (or 'home user') versions of CIS.

- Administrators can install the update utility on any server but should note that this machine must be available at all times to the managed computers it is set to provision (it may be most convenient to install the utility on the same machine as the CESM Service). The update utility can be freely installed on 'managed' and 'non-managed' machines alike. Installing on a 'non managed' machine does not count towards your number of CESM licenses.
- Comodo Internet Security is the only CESM controlled product that can be serviced by this updater. Future versions
 will include support for Comodo Disk Encryption.
- The utility has its own graphical user interface which **must** be configured on the local machine. It is not possible to configure the update utility from the CESM console. The default installation path is *drive*:\Program Files\Comodo\Offline Updater . Double click 'OfflineUpdater.UI.exe' to begin configuration.
- CESM Administrators It is possible to install the utility remotely onto managed machines by creating a Task that
 contains the 'Install Package' action. The package is named 'OfflineUpdater.Setup.
 version_number>.msi. This may
 be useful for pushing the application out to multiple servers when, for example, load balancing is required.
- CESM Administrators must change the 'CIS Update Host List' on each required CIS installation to point to the URL of
 the local update server. Doing so will mean that the individual installations of CIS will check for and download updates
 from the local server instead of from http://download.comodo.com. The individual installations of CIS can be instructed
 to use the local server by using the 'CIS Set Update Host List' Action. This Action, like all other CESM Actions, can be
 implemented on all required machines at the same time by selecting them as Targets during the creation of the Task. If
 you would like to see a more complete explanation of 'Actions', 'Sequences' and 'Tasks' then please refer to the
 dedicated CESM Admin guide available from http://enterprise.comodo.com/.

For guidance explaining the installation of the updater utility on your server, please refer to 'Installing Comodo Offline Updater Utility'.

For guidance to configure the utility, see 'Configuring and Using Comodo Offline Updater Utility'.

Installing Comodo Offline Updater Utility

Comodo Offline Updater Utility can be installed on any local server and will provision endpoint machines with database and software updates. After installing the utility the application downloads the updates for Comodo Internet Security from http://download.comodo.com and stores them locally in the server. The CIS installations in the remotely managed computers can be configured so that they can download these updates from this local network server. This section explains the installation of the utility on the server. For detailed explanations on the configuration of the application, see 'Configuring and Using Comodo Offline Updater Utility'.

COMODO Creating Trust Online*

1. Downloading and running the installer

To set up the Comodo Offline Updater on the CESM Server, download and save the 'OfflineUpdater.Setup.<version_number>.msi' installation file. To start installation of the application, double click the installation file icon. The welcome screen will be displayed.

🙀 Comodo Offline Updater Se	tup 💶 📃 🗙
COMODO Offline Updater	Welcome to the Comodo Offline Updater Setup Wizard
	The Setup Wizard will install Comodo Offline Updater on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
	Back Next Cancel

Click 'Next'.

2. License Agreement

The End User License Agreement will be displayed.

120	Comodo Offline Updater Setup
E	End-User License Agreement
	END USER LICENSE AGREEMENT Comodo Endpoint Security Manager
	THIS AGREEMENT CONTAINS A BINDING ARBITRATION CLAUSE. PLEASE READ THE AGREEMENT CAREFULLY BEFORE ACCEPTING THE TERMS AND CONDITIONS.
	IMPORTANT - READ THESE TERMS CAREFULLY BEFORE DOWNLOADING COMODO ENDPOINT SECURITY MANAGER (THE "PROGRAM"). BY DOWNLOADING, INSTALLING OR USING THE PROGRAM, OR BY CLICKING ON "I ACCEPT" BELOW, YOU
	I accept the terms in the License Agreement
	Print Back Next Cancel

To complete the installation phase you must read and accept the License Agreement. After you have read the End-User License Agreement, check the 'I accept the terms in the License Agreement' box and click 'Next' to continue installation. If you decline, you cannot continue with the installation.

3. Choosing Destination Folder

The next step is to choose the destination folder in your server for the installation of the Comodo Offline Updater.

🙀 Comodo Offline Updater Setup 📃 🖂 🗙
Destination Folder Click Next to install to the default folder or click Change to choose another.
Install Comodo Offline Updater to:
C:\Program Files\Comodo\Offline Updater\
<u>B</u> ack Cancel

To install the application in the default location, click 'Next'. If you want the application to be installed in a different location, click 'Change', navigate to the desired folder and click 'Next'.

4. Ready to Install

Comodo Offlir

After completing the configuration options to your satisfaction in the preceding steps, a confirmation dialog will be

Comodo Offline Updater Setup		
Ready to install Comodo Offline Up	later	
Click Install to begin the installation. Click E installation settings. Click Cancel to exit th	ack to review or change any of y wizard.	your
-		
	<u>B</u> ack <u>I</u> nstall	Cancel

displayed.

Click the 'Back' button to review and/or modify any of settings you have previously specified. To confirm your choices and begin the installation of the Comodo Offline Updater, click 'Install'.

A setup status dialog box is displayed. You will see a progress bar indicating that files are being installed.

🙀 Comodo Offline Updater Setup	
Installing Comodo Offline Updater	
Please wait while the Setup Wizard inst	alls Comodo Offline Updater.
Status: Starting services	
	Back Next Cancel

The Installation Complete dialog is displayed indicating the successful completion of installation.

^{5.} Installation Complete





Click 'Finish'. Comodo Offline Updater is successfully installed in your server.

Note: CESM administrators can install Comodo Offline Updater on several servers within the network if the Administrator wants to setup multiple local update servers. This can be done through the CESM console by creating a task to install the application . For more details, see the CESM Admin guide sections 'The Package Management Window', 'The Sequence Manager Window' and 'The Task Manager Window'.

Configuring and Using Comodo Offline Updater Utility

Once installed, the Offline Updater utility can be started from the Windows 'Start' menu.

Click Start > All Programs > Comodo > Offline Updater > Comodo Offline Updater.

This section of the guide covers basic usage and configuration of the application. Please use the links below to go straight to the section you need help with:

- Comodo Offline Updater Utility Interface Basics;
- Persistent Navigational Elements -The File Menu And Shortcut Toolbar;
- Overview Of Download Log And Request Log Windows;
- Configuration Of Comodo Offline Updater Utility;
- CESM Pointing Managed Installations Of CIS To The Local Update Server.

Comodo Offline Updater Utility - Interface Basics

The updater interface allows the administrator to:

- View download logs of database and software updates;
- View request logs from managed computers;
- · Configure the working folder and start or stop the service;
- Configure port, proxy and update refresh rate settings;
- Specify synchronization settings such as the download URL and folder path that the local server will contact to collect CIS updates from The Comodo Offline Updater main interface:

🙈 co	MODO Offline Updater Service	_				
Eile	Eile Edit Logs <u>H</u> elp					
🕨 Sta	art 🧉 Stop Restart 👬 Find 🗙 Clear 😴 Refresh 🎢 Settings					
Down	load Logs Request Logs					
😢 E	irrors 🕰 Warnings 🕕 Messages					
	Description	Time				
١	Scheduler has been started.	26.04.2010 15:51:45				
0	Scheduler has been stopped.	26.04.2010 15:51:41				
0	Scheduler has been started.	26.04.2010 15:47:03				
0	Download binaries has been finished.	26.04.2010 15:47:03				
0	File 'http://download.comodo.com/cis/download/updates/release/inis_600/cis_update_x64	26.04.2010 15:47:03				
0	1 File "http://download.comodo.com/cis/download/updates/release/inis_600/cis_update_x32 26.04.2010 15:47:03					
8	😵 Binaries loading for catalog 'cis/download/updates/release/inis_490' failed. Error message: 26.04.2010 15:47:03					
8	😣 File 'http://download.comodo.com/cis/download/updates/release/inis_490/cisinfo.ini' was n 26.04.2010 15:47:03					
0	1 Attempting to locate and download file 'http://download.comodo.com/cis/download/updat					
0	🕕 File "http://download.comodo.com/cis/download/updates/release/inis_490/vista_64_cis_up 26.04.2010 15:47:03					
0	🕕 File 'http://download.comodo.com/cis/download/updates/release/inis_490/vista_32_cis_up 26.04.2010 15:47:03					
0	1 File 'http://download.comodo.com/cis/download/updates/release/inis_490/xp_64_cis_upd 26.04.2010 15:47:03					
0	🕕 File 'http://download.comodo.com/cis/download/updates/release/inis_490/xp_32_cis_upd 26.04.2010 15:47:03 💌					
State:	Connected		.:i			

Persistent Navigational Elements -The File Menu and Shortcut Toolbar

The File and Shortcut Toolbar provide access to all functional areas of the updater functionality. The File Menu can be accessed at all times and consists of four areas: File, Edit, View and Help. The Shortcut Toolbar, positioned directly below, provides fast and easy access to many of the functions contained in the 'File', 'View' and 'Edit' areas of the the file menu.



The following table contains a brief summary of these areas:

COMODO Creating Trust Online*

File Menu Element	Equivalent Shortcut Toolbar Icon	Description		
File		Contains program commands relating to start or stop the Comodo Offline Updater service and shutdown.		
Start	Start	Starts the offline updates service. Note: This button is disabled if the service is already running.		
Stop	Stop	Stops the offline updates service. Note: This button is disabled if the service is already stopped and not running.		
Restart	Restart	Restarts the currently running offline updates service.		
Updates Information	None	Opens the 'Updates information' dialog that displays a log of update events of CIS Antivirus bases and a log of update events of CIS binaries.		
Exit	None	Closes down the application.		
Edit		Contains shortcuts to select and copy log entries, search for entries in the log and specifying configuration settings for the Comodo Offline Updater utility.		
Сору	None	Copies the selected text contents from the log window to the clipboard. The log entries can also be copied to the clipboard by right clicking on the selected entry or entries and selecting 'Copy' from the context sensitive menu.		
Select All	None	Selects all the text contents in the log window for copying to the clipboard.		
Find	🎢 Find	Opens the 'Find' dialog for searching through the log entries with specific search keywords.		
Language	None	Allows the administrator to change the language of the Comodo Offline Updater utility. Currently available languages are English and Chinese (Simplified). Language changes will be applied only after restarting the utility.		
Settings	🎢 Settings	Opens the 'Configurations Settings' dialog for specifying the configuration settings for the Comodo Offline Updater utility. See 'Configuration		

COMODO Creating Trust Online*

File Menu Element	Equivalent Shortcut Toolbar Icon	Description		
		Of Comodo Offline Updater' for more details.		
Logs		Contains shortcuts that open up the Download and Request Log windows.		
Download Logs	None	Opens the Download Log Window. The Download Log window can also be opened by clicking the 'Download Log' tab above the Log window.		
Request Logs	None	Opens the Request Log Window. The Request Log window can also be opened by clicking the 'Request Log' tab above the Log window.		
Clear	× Clear	Clears the current logs.		
Refresh	😂 Refresh	Updates the entire list of entries in the displayed log window so that the list incorporates the latest entries.		
Help		Contains shortcut that opens the 'About' dialog.		
About	None	Opens the About dialog that displays the version number and copyright information of.		

Overview of Download Log and Request Log Windows

'Download Log' Window

The Download Log window displays a list of status messages concerning the initiation, progress and success or failure of all download activities (both binary and database downloads) alongside the time the message was generated. It can be viewed by clicking the 'Download Logs' tab or clicking View > Download Logs.

COMODO Creating Trust Online*

음 co	MODO O	ffline (Updater S	Service		_	
Eile	Edit	Logs	Help				
🕨 Sta	art 🔲 S	×	Clear		Clear 😂 Refresh 🎢 Settings		
Dowr	nload Log:		Save	Ctrl+S			1
E E	rrors	2	Refresh	F5			
	Descript	 Image: A start of the start of	Download I	Logs		Time	
0	Schedule		Request Lo	ogs		26.04.2010 15:51:45	
0	Schedule	r has b	een stoppe	ed.		26.04.2010 15:51:41	
0	Schedule	r has b	een starte	d.		26.04.2010 15:47:03	
0	Download	d binari	ies has bee	n finished.		26.04.2010 15:47:03	
0	File 'http:	://dowr	nload.como	ido.com/cis/c	lownload/updates/release/inis_600/cis_update_x64	26.04.2010 15:47:03	
0	File 'http:	://dowr	nload.como	do.com/cis/c	lownload/updates/release/inis_600/cis_update_x32	26.04.2010 15:47:03	
8	😵 Binaries loading for catalog 'cis/download/updates/release/inis_490' failed. Error message: 26.04.2010 15:47:03						
8	😵 File 'http://download.comodo.com/cis/download/updates/release/inis_490/cisinfo.ini' was n 26.04.2010 15:47:03						
0	🕕 Attempting to locate and download file 'http://download.comodo.com/cis/download/updat 26.04.2010 15:47:03						
0	🕦 File 'http://download.comodo.com/cis/download/updates/release/inis_490/vista_64_cis_up 26.04.2010 15:47:03						
0	🕦 File 'http://download.comodo.com/cis/download/updates/release/inis_490/vista_32_cis_up 26.04.2010 15:47:03						
0	1 File 'http://download.comodo.com/cis/download/updates/release/inis_490/xp_64_cis_upd 26.04.2010 15:47:03						
0	🕕 File "http://download.comodo.com/cis/download/updates/release/inis_490/xp_32_cis_upd 26.04.2010 15:47:03 💌						
State:	Connecte	ed					.::

'Request Log' Window

The Request Log window displays a list of download requests made by managed installations to the local update server. Information displayed includes the IP and Port number of the originating request, the location of the file that was requested; the time of the request and the agent that made the request (the 'agent' is usually the endpoint product such as Comodo Internet Security). The 'Request Log' window can be viewed by clicking the 'Request Logs' tab or clicking 'View > Request Logs'.

COMODO Creating Trust Online

.....

S COM	4000 000:	Undeben Comilee				
	1000 Urrline	Updater Service				
Eile	Edit Log:	s <u>H</u> elp				
🕨 Start	t 🔲 S 🗙	Clear	Clear 😅 Refi	resh 🛛 🎢 Settin	igs	
Downlo	oad Log: 🛃	Save Ctrl+S				
😢 Err	rors 🛛 🖉	Refresh F5				
	Descript	Download Logs	e		Source	User agent
🛈 R	Request 🗹	Request Logs	04.2010 15:24:	:05	192.168.74.122:	COMODO Internet Security
🕕 🕕 R	Request on file	e 'av/updates40/ve	26.04.2010 15:24:	:05	192.168.74.122:	COMODO Internet Security
🕕 🕕 R	Request from	192.168.74.122:2	26.04.2010 14:53:	:51	192.168.74.122:	COMODO Internet Security
🕕 R	Request on file	e 'av/updates40/ve	26.04.2010 14:53:	:51	192.168.74.122:	COMODO Internet Security
🕕 R	Request from	192.168.74.122:2	26.04.2010 14:23:	:40	192.168.74.122:	COMODO Internet Security
🕕 🕕 R	Request on file	e 'av/updates40/ve	26.04.2010 14:23:	:40	192.168.74.122:	COMODO Internet Security
	_					

State: Connected

The Download Log window displays a list of status messages concerning the initiation, progress and success or failure of all download activities (both binary and database downloads) alongside the time the message was generated. It can be viewed by clicking the 'Download Logs' tab or clicking View > Download Logs. The Request Log window displays a list of download requests made by managed installations to the local update server. Information displayed includes the IP and Port number of the originating request, the location of the file that was requested; the time of the request and the agent that made the request (the 'agent' is usually the endpoint product such as Comodo Internet Security). The 'Request Log' window can be viewed by clicking the 'Request Logs' tab or clicking 'View > Request Logs'.

Download Logs and Request Logs Windows – Table of Columns, Controls and Icons				
Item Name	Туре	Description		
(Message)	lcon	Log entries that are classified as 'Messages' typically inform the administrator of the successful completion of the events. For example - a notification that a download has been successfully completed or that a request has been received.		
(Warning)	Icon	Log entries that are classified as 'Warnings' alert the administrator to potential network issues that may impair the activity, for example a download event or provisioning the update files for a received request from a managed computer.		

CO	Μ	0	D	0
Creatin	g Ti	rust	Onl	line

D	ownload Logs and Request Logs Windows – T	able of Columns, Controls and Icons
(Error)	lcon	Log entries that are classified as 'Errors' inform the administrator of the failure of the event
Description	Column header	A text description of the specific log entry. For example - a notification that a download has been successfully completed or that a request has been received.
Time	Column header	Shows the time and date that the event was executed. For example the date and time at which the updates were downloaded or the date and time at which a request was received from a managed computer.
Source	Column header	The IP address and port number of the managed computer from which the request originated.
User Agent	Column header	Displays the name of the service responsible for generating the request. In almost all cases this will be the installed product on the end point machine (for example, Comodo Internet Security).
这 Errors	Filter	Clicking the 'Errors' button enables the administrator to view only the log entries that are classified as errors.
<u> Warnings</u>	Filter	Clicking the 'Warnings' button enables the administrator to to view only the log entries that are classified as Warnings.
(1) Messages	Filter	Clicking the 'Messages' button enables the administrator to to view only the log entries that are classified as Messages.

Configuration of Comodo Offline Updater Utility

The updater can be configured for the working folder in the server to store the downloaded AV database updates, download URL, and the proxy settings. The configuration settings interface can be accessed by clicking the 'Settings' button or Edit > Settings from the main interface.

COMODO Creating Trust Online

	Remote folder	Туре	Add
	av/updates313/	Bases	Remove
	av/updates314/	Bases	
	av/updates40/	Bases	
	cis/download/updates/release/inis_490	CIS Binaries	
	cis/download/updates/release/inis_600	CIS 4.0 Binar	ies
working Folder: Download server:	C:\Program Files\Comodo\Offline Updater\Da http://download.comodo.com/	ta\	Browse
Port to listen:	C:\Program Files\Comodo\Offline Updater\Da http://download.comodo.com/ 80 Refresh Every (se	ta\ ecs.): 300	Browse
working Polder: Download server: Port to listen:	C:\Program Files\Comodo\Offline Updater\Da http://download.comodo.com/ 80 Refresh Every (se	ta\ ecs.): 300	Browse
Working Polder: Download server: Port to listen: Use Proxy	C:\Program Files\Comodo\Offline Updater\Da http://download.comodo.com/ 80	ta\ ecs.): 300	Browse
Working Polder: Download server: Port to listen: Use Proxy Proxy Server:	C:\Program Files\Comodo\Offline Updater\Da http://download.comodo.com/ 80 Refresh Every (se	ta\ ecs.): 300	Browse
Working Polder: Download server: Port to listen: Use Proxy Proxy Server:	C:\Program Files\Comodo\Offline Updater\Da http://download.comodo.com/ 80 Refresh Every (se	ta\ ecs.): 300 t: [Browse
Working Polder: Download server: Port to listen: Use Proxy Proxy Server: Login:	C:\Program Files\Comodo\Offline Updater\Da http://download.comodo.com/ 80 Refresh Every (se Port	ta\ ecs.): 300 t: [Browse

Synchronization Settings

Remote Folders. The 'Remote Folders' section displays the location of the update files on the 'Download Server'. This is the path that the offline updater will attempt to connect to in order to download updates. This is specific to the domain stated in the 'Download server' field of this same interface. The default location is to download updates from http://download.comodo.com/<path>. There are two basic ways that remote folders can be configured – automatically or manually. There are also two 'types' of download, namely 'Bases' and 'Binaries' – each of which will usually have distinct remote folder paths.

Note: In most cases, there shouldn't be any reason for administrators to change the synchronization settings. Possible exceptions could include if the administrator needed to download files for uncommon/older versions of an endpoint product and knew the location of those files on the remote server; if Comodo communicated to the administrator that their download server and/or path has changed or if the administrator wants to download the updates to this server from another server in the local network.

- Remote Folders = Folders on the 'Download' server (download.comodo.com by default), that Offline Updater checks for AV bases and binary updates.
- Bases = Database updates (like antivirus signatures updates). This type of update is the most frequent.
- Binaries = Endpoint Product Updates (software updates and upgrades). This type of file will typically be downloaded less frequently than the (data) bases.
- Automatically detect remote folders from client requests Automatically sets then synchronizes with the folder path on the server that has been specified in the requests from the clients. This is the default and highly recommended setting.
- To manually set the folder structure in the server, deselect the checkbox beside 'Automatically detect remote folders from client requests" and add the path of the remote folder in the 'Remote Folder' column and the type of the data in the 'Type' column (see this note before changing this setting).

COMODO Creating Trust Online*

Comodo Offline Updater Utility - User Guide

- Working Folder The working folder text box allows the Administrator to specify the path of the local storage location for storing the downloaded database updates and binaries. To change the destination folder, click 'Browse' and navigate to the desired location to store the updates.
- Download Server The Download Server text box allows the Administrator to specify the URL from which the
 updates are to be downloaded. The default the download URL is http://download.comodo.com. This can be
 changed if the updates are available from any other server in the local network.
- **Ports to Listen** Port 80 is the default port number that the Comodo Offline Updater utility will listen to for the database updates.
- Refresh Every (Secs) This setting allows the Administrator to set the frequency the download server has to be checked for the latest updates.

Proxy Settings

The proxy settings allows the Administrator to configure how Comodo Offline Updater utility should connect to Comodo servers for receiving database updates. If a Proxy server is used in the network and if the Administrator wants the application to use the Proxy Server, the Proxy settings can be configured accordingly.

To use a proxy server to receive the updates

1.	Select	the	check	box	beside	'Use	Proxy	'
----	--------	-----	-------	-----	--------	------	-------	---

Use Proxy			
Proxy Server:	111.111.11.11	Port:	3128 📑
Login:	user		
Password:	••••		
			OK Cancel

2 .Enter the proxy server IP address or name in the 'Server' text box.

3 Enter the port number in the 'Port' text box.

4. Type your Log in ID and the Password for proxy server authentication.

Click OK for your settings to take effect.

CESM - Pointing Managed Installations of CIS to the Local Update Server

After the installation and configuration of the updater utility, CESM administrators can create a Task that will instruct managed computers to collect their updates from the local server. The local server is, therefore, the machine that contacts the Comodo servers to download updates which it then provisions to the endpoint machines. This is done by creating a Sequence containing the action 'CIS - Set Update Hosts List' (see the dedicated CESM user guide for more details on Actions, Sequences and Tasks - available from http://enterprise.comodo.com/). The host address of the local CESM server should be specified as the Update URL parameter for the 'CIS - Set Update Hosts List' action while configuring the sequence.

Step 1 - Creating a New Sequence Containing the Action CIS - Set Update URL



1. Open the Sequence Manager Window by clicking 'View' > 'Sequence Manager' from the file menu or clicking the

button from the toolbar.

÷

2. Click the 'Add' button to create a New Sequence.

3. The 'Add New Sequence' dialog will be opened. At this stage, you should create an appropriate Name (for example, 'Set Update URL for CIS Installations') and (optional) Description for the Sequence (for example, 'Setting CIS Installations for offline update').

🚽 Add Action 👻

4. Click the 'Add Action' icon

and select the Action 'CIS - Set Update Hosts List'.

Start Page	New sequence*	• ×
🚺 🛃 Save 🔸		
Name:	Set Update URL for CIS Installations	
Description:	Settings CIS Installations for offline update	
👍 Add Action	 X A Up * Down 	
CIS - Set T CIS - Appe CIS - Remo CIS - Remo CIS - Run : CIS - Set L CDE - Set 0 CDE - Encr	rusted Vendors and to Trusted Vendors ave from Trusted Vendors scan by profile update Hosts List Configuration ypt	•
CIS - Set U	pdate Hosts List	
Section 1	OK Cancel	

5. Specify the parameters of this Action from the panel to the right. Click the ellipses button (...) from the 'Host List' row.

Start Page	New sequence*		▼ X
🛃 Save 👻			
Name:	Set Update URL for CIS Installations		
Description:	Settings CIS Installations for offline update		
👍 Add Action 👻	X ♠ Up → Down		
Input	Name	E Misc	
<update hosts<="" th=""><th>CIS - Set Update Hosts List</th><th>Hosts List</th><th><hosts list=""></hosts></th></update>	CIS - Set Update Hosts List	Hosts List	<hosts list=""></hosts>
		Hosts List	

The 'Hosts List Editor' dialog will appear. Click 'Add' and type the URL in the 'URL' field. This can be entered as the host name or IP address of the local update server. For example, if you have installed and configured the Comodo Offline Updater Utility in the CESM Server, type the host name or the IP address of the CESM Server. Click 'OK'.

COMODO Creating Trust Online

0

Hosts Li	st Editor	
1	URL \\192.168.1.1	Add Delete
		ОК

6. Click 'Save'. This Sequence of Actions can now be added to a Task to be deployed on the target machines. Alternatively, click the drop-down arrow beside 'Save' and select 'Save and Create Task' to create a task containing this sequence immediately. The precess moves to **Step 5** of the next stage 'Creating a New Task containing the Sequence with the action CIS - Set Update Hosts List'.

Step 2 - Creating a New Task Containing the Sequence with the action CIS - Set Update Hosts List

1. Open the Task Manager Window by clicking 'View' > 'Task Manager' from the file menu or clicking the button from the toolbar.

2. Click the 'Add' button 🚽 to create a New Task.

3. The 'Add New Task' dialog will be opened. At this stage, you should create an appropriate Name (with references to the sequence of actions and the target computers. For example, 'Set Update URL for CIS on Vista Computers' or 'Set Update URL for CIS on Accounts Dept Computers') and (optional) Description for the Task you are about to create.

4. Add the newly created Sequence to the Task, by clicking the drop-down button at the end of the 'Sequence' field and selecting the newly created sequence from the drop-down list.

5. Select the desired target computers or a predefined CESM 'Group' of computers for which the Update URL has to be set, in the 'Targets' field editor.

Start Page	Sequence: Set Update URL f	ior CIS / New task: Set Update URL for CIS 🗸 🗸 🗸	<
🕖 🛃 Save 🔹	Common Schedule		10
Name:	Set Update URL for CIS on	Vista Computers	
Description:	Setting up the CIS Installati	ons in Vista Computers for Offline Update	
Sequence:	Set Update URL for CIS Inst	tallations)
Target:	Computers Computer Groups	Computers	

- 6. Execute the Task:
- Immediately by selecting 'Save and Execute';
- Manually at any time in the future by first saving then selecting the Task in the 'Task Manager' window then clicking the 'Execute' icon;
- At a scheduled time by configuring your preferences using the 'Schedule' tab.

Once the Task is executed, the Administrator can check the progress (Success or Failure) of the Task through the 'Task Result Manager' Window, which can be accessed by clicking History > Task Result or Task Result Manager button

from the toolbar.

Details					
Result	Status	Message	Started	Completed	Result Cod
🛙 🔗 Set Update URL for CIS on Vista Com 📗	Succeeded	Settember 19	4/26/2010 2:19:18 PM	4/26/2010 2:19:20 PM	
🗑 💇 Scan on 'Managed Endpoint2' on 4/21/ 📗	Succeeded	a a la sectores e	4/22/2010 12:38:13	4/22/2010 12:38:59	
🗑 🕜 Update antivirus bases on 'Managed E 🚪	Succeeded	的建筑的现象	4/22/2010 12:33:33	4/22/2010 12:33:33	
🗑 🕜 Install packages to 'Managed Endpoin 🚪	Succeeded	- 经长达公共的	4/22/2010 12:31:52	4/22/2010 12:33:22	
🖗 🔗 Scan on 'ESM2K3EE64R2SP2' on 4/21/ 📗	Succeeded		4/21/2010 11:45:50	4/21/2010 11:46:08	
🖓 🋷 Scan on 'ESM2K3EE64R2SP2' on 4/21/ 📗	Succeeded		4/21/2010 11:40:03	4/21/2010 11:40:21	
			4/21/2010 11:32:38	4/21/2010 11:32:56	

Tip: You can also select the computer(s) from the Computers window, right click on them and select 'Create Task' from the context sensitive menu. You can create a new task for setting the update URL list for the selected computer(s) with a sequence containing the action 'CIS - Set Update Host List' and execute on the computer(s).

Additional Notes: The Administrator can find the current Update URL for any computer by assigning a Task with a Sequence containing the Action 'Discovery Data'. The parameter for the Discovery Data should be specified as 'CIS - Update URL'.

To check the current update URL for any computer:

1. Create a new sequence by selecting the Action as 'Discover Data '

Start Page New sequence	• X
Save -	
Name: Checking Update URL	•
Description:	
🖶 Add Action 👻 🔀 Up 🗢 Down	
Wake on LAN Enhanced power action Agent settings Agent control Discover data CIS - Set Predefined Config CIS - Run a Scan	
Details Discover data	
OK Cancel	

2. Specify the Discovery parameter as 'CIS - Update Hosts List' and click the drop-down arrow beside 'Save' and select 'Save and Create Task'.

The second s	V New sequence*		
🕖 🛃 Save 🔹			
Name:	Checking Update URL		
Add Action +	X & Up * Dawn		
Input	Name	🗉 Discovery param	eters
(CIS - Update H.,	. Discover data	Discovery Profile	CIS - Update Hosts Lis
		Discourse De File	

3. Specify the computer for which the current Update URL has to be found.

Start Page	Sequence: Checking Update	• X		
🚺 🛃 Save 👻	Common Schedule			
Name:	Checking Update URL			
Description:				
Sequence:	Checking Update URL		• /	
Target:	Computers Computer Groups	Computers Computers Root Managed Endpoint1 Managed Endpoint2 Managed Endpoint3 Managed Endpoint4		

4. Execute the Task by clicking the drop-down button beside 'Save' and selecting 'Save and Execute'.

5. Once executed, open 'Discovery Profiles' Window by clicking View > Discovery Profiles from the file menu or

clicking the Discovery Profiles icon I from the toolbar.

6. Double click on the 'CIS - Update Hosts List' profile in the 'Discovery Profiles' Window or right click on the 'CIS - Update Hosts List' profile and select 'Open Discovered Data' from the context sensitive menu.

Start Page	Sequence: Checkir	ng Update URL	Task: Checking Upda	te URL CIS - Up	date Hosts List		+ ×
👶 Refresh							
Data, discovered	for profile <u>CIS - Up</u>	date Hosts List					
Computer		Discover	ed Time	🗆 Misc			
🤸 Managed En	<u>tpoint2</u>	4/26/201	0 2:54 PM	Result		<hosts list=""></hosts>	

The list of computers on which the 'Discover Data' action with the Discovery Profile 'CIS - Update Hosts List' will be displayed. Click the ellipses (...) button from the results panel on the right hand side of the list of computers, the Update URL list configured for the respective computer will be displayed in the 'Host List Editor' dialog.

COMODO Creating Trust Online

Hosts	Hosts List Editor			
J	URL \\192.168.1.1	Add Delete		
		ОК		

Alternatively, after executing the Task with a Sequence containing the Action 'Discovery Data' with Discovery Profile 'CIS - Update URL', right click on the desired computer in the Computer Tree in the Computers Window and select 'Open Discovered data' from the context sensitive menu.



The discovery profiles for the selected computer will be displayed.

1	Managed Endpoint2's profiles					
2	Refresh					
Da	ta, discovered for computer <u>Manage</u>	d Endpoint2				
	Profile	Discovered Time	Misc			
٩,	Incompatible software products	4/21/2010 10:01 PM	Result <hosts list=""></hosts>			
٩,	Incompatible software products	4/21/2010 10:02 PM				
٩	CIS - AntiVirus Log	4/21/2010 10:12 PM				
9	CIS - AntiVirus Log	4/21/2010 10:17 PM				
q	Incompatible software products	4/22/2010 12:31 AM				
G,	CIS - AntiVirus Log	4/22/2010 12:39 AM				
٩,	CIS - AntiVirus Log	4/22/2010 12:40 AM				
۵,	CIS - AntiVirus Log	4/23/2010 1:43 PM				
q	Power policy	4/26/2010 11:43 AM	Result			
a	CT5 - Undate Hosts List	4/26/2010 2:54 PM				

Select CIS - Update Hosts List and click the ellipses (...) button from the results panel on the right hand side. The Update URL list configured for the respective computer will be displayed in the 'Host List Editor' dialog.

Hosts List Editor			
URL // \\192.168.1.1	Add Delete		
	ОК		

Shortcut Method for Creating a New Discovery Sequence

Alternatively, a new Discovery Sequence can be created from the context sensitive menu of 'CIS Update URL' Profile in the 'Discovery Profiles' Window.

1. Open 'Discovery Profiles' Window by clicking View > Discovery Profiles from the file menu or clicking the Discovery Profiles icon from the toolbar.

2. Right click on the 'CIS - Update URL' profile and select 'Create Discovery Sequence' from the context sensitive menu.

Dis	Discovery Profiles					
₿	🚯 Open Discovered data 🛛 🥏 Refresh					
	Name		Uid			
9	Users list		8507b388-77c7-4d5d-a771-e894090			
٩,	CIS - Config		f5715c91-7805-431c-8c4e-be840ab5			
٩,	CIS - Quarantined Items		20fea480-0b2d-4d8e-b	a7b-66c03db		
٩,	CIS - Firewall Log		3fa78a55-2a6b-43aa-9448-e2dd31a			
٩,	CIS - Defense+ Log		b059bcbb-49b3-45f5-bc29-63b4290			
٩,	CIS - AntiVirus Log		6c867109-ce9e-4c26-939d-65ec8bf9			
٩,	CIS - Infected Items		b93e9cae-7d92-423b-802a-7416006			
٩,	CIS - Trusted Vendors		6e0826d4-ad54-4aac-b5dd-6f751b3			
🔍 CIS - Safe Files List			89f31f6a-c956-4860-8ca0-aad359e9			
9	CIS - Update Hosts Li 🥖	Pefrech	FS	ib-3675013		
٩,	CDE - Config					
Connected 183 nev Create Discov		/ered data 🛛 🚺 Task Mar		🛛 📴 Package Manager	🚯 Discovery Profiles	
		Create Disco	ivery Sequence			

An 'Add New Sequence' dialog with a preset Sequence containing the the Action 'Discover Data' and Discovery Profile 'CIS - Update Hosts List' will be opened.

Start Page	New sequence	- · · ·
ave 👻		
Name:		
Description:		
🖶 Add Action 👻	🗙 🕼 Up 🐡 Down	
Input	Name	Discovery parameters
(CIS - Update H	Discover data	Discovery Profile CIS - Update Hosts List
		Disesure Des Cla
		Select profile on which discovery process to be performed

3. At this stage, you should create an appropriate Name and (optional) Description for the Sequence and save the Sequence.

The Administrator can create a new Task using this sequence and specifying the required computer(s) and execute the Task to check the current Update URL list configured for the selected computer(s).

About Comodo

The Comodo companies are leading global providers of Security, Identity and Trust Assurance services on the Internet. Comodo CA offers a comprehensive array of PKI Digital Certificates and Management Services, Identity and Content Authentication (Two-Factor - Multi-Factor) software, and Network Vulnerability Scanning and PCI compliance solutions. In addition, with over 10,000,000 installations of its threat prevention products, Comodo Security Solutions maintains an extensive suite of endpoint security software and services for businesses and consumers.

Continual innovation, a core competence in PKI and a commitment to reversing the growth of Internet-crime distinguish the Comodo companies as vital players in the Internet's ongoing development. Comodo, with offices in the US, UK, China, India, Romania and the Ukraine, secures and authenticates the online transactions and communications for over 200,000 business customers and millions of consumers, providing the intelligent security, authentication and assurance services necessary for trust in on-line transactions.

Comodo Security Solutions, Inc.

1255 Broad Street Clifton, NJ 07013 United States Tel: +1.888.256.2608 Tel: +1.703.637.9361 Email: EnterpriseSolutions@Comodo.com

For additional information on Comodo - visit http://www.comodo.com.