



# Auto Discovery and Deployment Tool Software Version 1.0

# Administrator Guide

Guide Version 1.0.120418

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# 1. Introduction to Comodo Auto Discovery and Deployment Tool

Comodo Auto Discovery and Deployment Tool (CADDT) allows network admins to remotely deploy applications to multiple endpoints via Active Directory, Workgroup or IP address/IP range/host name. Although primarily designed to allow Comodo ITSM customers to deploy the ITSM agent, the utility can be also be used to install any application remotely.

COMODO Creating Trust Online		-	$\Box \times$
Auto Discovery and Deployment Tool New Deployment (1/3)	New Deployment	Cptions	(Î) About
Deployment Package(s)			
Package			>
<ul> <li>Specify parameters</li> <li>Use separate packages for 32-bit and 64-bit applications</li> </ul>			
		N	ext

This guide will take you through the set up and ongoing usage of Comodo ADDT and is broken down into the following main sections:

- Introduction to Comodo ADDT
  - Get Started with Comodo ADDT
- Deploy Applications / Packages
- Select Packages
- Configure Deployment Options
  - Deploy Packages Using Active Directory
  - Deploy Packages Using Workgroup
  - Deploy Packages Using Network Addresses
- CADDT Settings
- About ADDT



### 1.1. Get Started with Comodo ADDT

Comodo ADDT can be downloaded from the 'Tools' section of Comodo One.

- · Login to Comodo One at one.comodo.com with your existing username and password.
- · Click the 'Tools' (wrench) icon on the top navigation
- · Select the 'Auto Discovery and Deployment' app then select 'Download'.
- Save the app to your local machine.

CADDT is a portable app which does not require installation. Simply double-click on ADDT.exe to run the application.

#### Once running

• First read and agree to the End User License Agreement (EULA):

COMODO Creating Trust Online	
Auto Discovery and Deployment Tool To continue you must accept the	EULA below.
End User License Agreement	
COMODO Creating Trust Online*	
END USER LICENSE AGREEMENT	
COMODO AUTO DISCOVERY AND DEPLOYMENT TOOL	
THIS AGREEMENT CONTAINS A BINDING ARBITRATION CLAUSE.	
IMPORTANT – PLEASE READ THESE TERMS CAREFULLY BEFORE USING THE COMODO AUTO DISCOVERY AND DEPLOYMENT TOOL SOFTWARE ("PRODUCT"). THE PRODUCT MEANS ALL OF THE ELECTRONIC FILES PROVIDED BY DOWNLOAD WITH THIS LICENSE AGREEMENT. BY USING THE PRODUCT, OR BY CLICKING ON "I ACCEPT" BELOW, YOU ACKNOWLEDGE THAT YOU HAVE READ THIS AGREEMENT, THAT YOU UNDERSTAND IT, AND THAT YOU AGREE TO BE BOUND BY ITS TERMS. IF YOU DO NOT AGREE TO THE TERMS HEREIN, DO NOT USE THE PRODUCT, SUBSCRIBE TO OR USE THE SERVICES, OR CLICK ON "I ACCEPT".	
Product Functionality	
The Product automatically discovers endpoints of endpoints in a network. The supported platforms are: Windows, Linux and Mac OS. The Product also allows deployment of selected packages to the discovered endpoints. It can install other applications that an administrator wanted to deploy.	
This end user license and subscriber agreement is between you ("you" or "Subscriber"), an individual or business entity, and Comodo Security Solutions, Inc., a Delaware company, with offices at 1255 Broad	
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Click the 'I Accept' button to open the utility

Comodo ADDT is a lightweight application which is compatible with the following operating systems:

- Windows 10 (32bit and 64bit)
- Windows 8 (32bit and 64bit)
- Windows 7 (32bit and 64bit)
- Windows Vista (Home/Business/Ultimate) (32bit and 64bit)
- Windows 2008 Server (32bit and 64bit)



# 2. Deploy Applications / Packages

You can deploy applications to remote endpoint in two short steps:

- 1. Select the packages to be deployed to discovered endpoints:
  - Select the application that you wish to deploy.
  - Optional add command line parameters/switches to modify installer behavior.
  - Optional specify different installers for 32 bit and 64 bit operating systems. Comodo ADDT will detect
    the endpoint OS type and deploy the appropriate package.
- 2. Specify target endpoints using Active Directory, Workgroup or Network Addresses

Refer to the following sections for more details:

- Select Packages
- Configure Deployment Options

### 2.1. Select Packages

After starting Comodo ADDT and agreeing to the EULA, the application will open at the 'New Deployment' page. This page allows you to select the applications you wish to install and specify basic installation settings:

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Auto Discovery and Deployment Tool New Deployment (1/3)		() New Deployment	Contions	(i) About
Deployment Package(s)				
32-bit Package       Select the package you want to deploy over discovered	ered endpoints			>
64-bit Package 50,1 Mbytes] H:\OLD\Install\chromodosetup.exe				>
<ul> <li>Specify parameters :t:[H:\Install\chromodosetup.exe]</li> <li>Use separate packages for 32-bit and 64-bit applications</li> </ul>	Override parameters for	r 64-bit application		
			N	ext

**Package** – Choose the package you wish to deploy to your remote endpoints. You can install any .msi. or exe package. Comodo ITSM users who want to deploy the agent and client can download it by logging into ITSM and clicking Devices > Bulk Installation Package > Offline Package. More details on this can be found at https://help.comodo.com/topic-399-1-786-10851-Enroll-Windows-Devices-by-Installing-the-ITSM-Agent-Package.html

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**Specify Parameters** (Optional) - The parameters field allows you to enter command line switches which modify the behavior of the installer. The switches you can use depend on the type of installer used by your application. For more information, see https://support.microsoft.com/en-us/kb/912203 and http://unattended.sourceforge.net/installers.php

**Use separate packages for 32 bit and 64 bit applications** – Enable this setting if you wish to specify different installers for 32 bit and 64 bit operating systems. Comodo ADDT will detect the OS of the target endpoint and deploy the appropriate package. If enabled, you will be given the opportunity to upload separate installers as shown below:

	<b>32-bit Package</b> [5.87 Mbytes] C:\Users\P	aul VM\Desktop\ADDT.exe		>
MSI EXE EXE	<b>64-bit Package</b> Select the package you v	want to deploy over discovered endpoi	nts	>
•	If both 'Specify Para parameters/switches	meters' and 'Use Separate s for 64-bit applications:	are enabled, you will be given the	option to disable your
S	pecify parameters	Example: -p -s	Override parameters	for 64-bit application
🔳 U	se separate package	es for 32-bit and 64-bit applica	ations	

After uploading your installers and configuring your settings, click 'Next' to proceed to step 2 - deployment.

### 2.2. Configure Deployment Options

After adding your package, the next step is to deploy the package to your target endpoints. Comodo ADDT provides three ways of doing this:

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Auto Dis New Deploy	covery and Deployment Tool ment (2/3)	() New Deployment	र्ट्रि Options	(i) About	
Discovery Ta	arget(s)				
	Active Directory Discover computers by selecting them from Active Directory			>	
Ą	Workgroup Discover computers by selecting them from Workgroup			>	
P	Network Addresses Discover computers by specifying IP addresses or endpoint names			>	
F	Back		Ne	prt	

- Active Directory Import and deploy certificates to large numbers of endpoints using Active Directory
- Workgroup Import and deploy certificates to endpoints which belong to a workgroup.
- Network Address Import and deploy certificates to endpoints by specifying host name / IP address or IP range.

#### 2.2.1. Deploy Packages Using Active Directory

The 'Active Directory' method allows administrators to deploy packages to endpoints from the current domain or a custom domain. To get started:

- If you haven't done so already, upload your packages as shown in step 2.1
- · Select 'Active Directory' in the 'Discovery Targets' window:

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Auto Discovery and Deployment Tool New Deployment (2/3)		( New Deployment	ද්රාදී Options	(i) About
Discovery Target(s) Active Directory Discover computers by selecting them from Active Directory				$\bigcirc$
COMODO Creating Trust Online			-	_ 🗆 ×
Auto Discovery and Deployment Tool Discover Active Directory (1/2)		( New Deployment	ද්රාදී Options	(i) About
Active Directory Credentials				
<ul> <li>Use Current Domain Cred</li> <li>Use Custom Credentials</li> </ul>	lentials (domain.)	website.com)		
Domain Controller	Enter Domain G	Controller		
Login	Enter Login			
Password	Enter Password			1
Back			N	lext

- Select whether you want to use your current credentials or custom credentials
  - Enter the name of your Active Directory domain controller
  - · Enter an administrator username and password
  - Click 'Next'

A list of all endpoints in the directory will be displayed:

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Auto Discovery and Deployment Tool Discover Active Directory (2/2)	New Deployment Options	(i) About
	Search	
Active Directory Computers		
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e dev		
📮 🔲 Computers		
- PSS07V		
-□ □ V10W7U64B		
-□ □ V3W7U32		
- V1W2K8EE64R2		
_□ □ V1W7P64		
- V3XP64SP1		
- V3W2K8EE64R2		
- 🛛 🗌 V1XP32SP2		
-□ □ V1XP64		
-□ □ V2XP64AUTO		
- V1SERVER2K8X64		
□ □ V1SERVER2K8X86		
Back	Add More Targets	Next
Dack	Add More rargets	Next

- · Select all target endpoints to which you want to deploy your package
- To search for a particular endpoint, type the name of the endpoint in the search window
- To add more targets, click the 'Add More Targets' on the bottom of the interface. You will be taken to the Discovery Target(s) interface
- Click 'Next' to move onto stage 3 Deployment Credentials:

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Auto Discovery and Deploymen New Deployment (3/3)	t Tool	( New Deployme	nt 🏠 Options	(i) About
Deployment Credentials				
	Ose Current Domain Credentials	(domain.website.com)		
	O Use Custom Credentials			
	Password Ent			
Back			Start De	ployment

Use your current administrator credentials to deploy the package, or select 'Use Custom Credentials' and enter an administrators username and password

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COMODO Creating Trust Online		_ 🗆 ×
Auto Discovery and Deployment Tool	Stop Deployment	Options (i) About
Deployment Results	₽ s	earch
Target	Package	Status
Active Directory		[50.00%] Deploying (0/1)
AS06W8X64 (Windows x64)	7z920.msi	Copying agent installation p
		Generate Report

- Click 'Start Deployment' to initiate the operation. You will see a screen indicating deployment progress. The length of time it takes to deploy the packages depends on the quantity of endpoints and network traffic conditions.
- Click the 'Stop Deployment' button to should you wish to abort the operation
- Once deployment is complete, click the 'Generate Report' button

Scroll down to view the full report.

Auto Disc	covery and Deployment Tool		New Deployment	र्ेंट्रे Options	(i) About
Report Previ	ew		2		
	соморо		12-Sep-16	15:26:34	
	comodo		12 JCh 10	15.20.54	
	Deployment Rep	oort			
	Report Summary				
	Total Found Devices:	1	Total Successful Deployments:	1	
	Total Windows Endpoints:	1	Total Failed Deployments:	0	
	Total Linux Endpoints:	0	Total Skipped Deployments:	0	
	Total Mac Endpoints:	0	Total Stopped Deployments:	0	
	Total Other Devices:	0			
	Summary Charts				



- Report Summary Provides details about the number of devices to which the package was deployed, the date and time of the deployment, and the number of successful/failed deployments
- Summary Charts Displays endpoints by OS type and the status of the deployment
- **Discovered by Active Directory** Overall summary of scan results, including the number of discovered devices, the OS breakdown of discovered devices and the quantity of deployments which were successful, unsuccessful, skipped or failed.
- Click 'Save' to save the report in .pdf format or click 'Print' to print the report

#### 2.2.2. Deploy Packages to a Workgroup

The 'Workgroup' method allows administrators to deploy packages to multiple endpoints within a workgroup. To get started:

- If you haven't done so already, upload your packages as shown in step 2.1
- Select 'Workgroup' in the 'Discovery Targets' window:

COMODO Creating Trust Online			_	$\Box$ ×
Auto Discovery and Deploy New Deployment (2/3)	ment Tool	New Deployment	Coptions	(i) About
Discovery Target(s)				
Active Directory Discover computers by sel	ecting them from Active Directory			>
Workgroup Discover computers by sel	ecting them from Workgroup			$\searrow$
COMODO Creating Trust Online			_	$\Box$ ×
Auto Discovery and Deploy Discover Workgroup (1/2)	rment Tool	New Deployment	ද්රාදී Options	(i) About
Workgroup Credentials				
	Search Available Workgroups (may take	a time)		
	O Use Known Workgroup Name Ente			
Back			Next	

- Search Available Workgroups (may take time) Automatically discover Workgroups detected on the local network
- Use Known Workgroup Name Manually specify a Workgroup name. Enter the domain name of your Workgroup
- Click 'Next'

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A list of all discovered workgroups will be displayed.

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Auto Discovery and Deployment Tool Discover Workgroup (2/2)	New Deployment	Cptions	(i) About
Workgroup Computers Target	₽ se	arch	
+ U WORKGROUP			
Back	Add More Targets	N	ext

- Select all target endpoints to which you want to deploy your package
- To search for a particular endpoint, type the name of the endpoint in the search window
- To add more targets, click the 'Add More Targets' on the bottom of the interface. You will be taken to the Discovery Target(s) interface
- Click 'Next' to move onto stage 3 Deployment Credentials:

COMODO Creating Trust Online				-	_ 🗆 ×
Auto Discovery and Deployment Tool New Deployment (3/3)			() New Deployment	Cptions	(i) About
Deployment Credentials					
Use Curren	nt Domain Crede	ntials (domain.w	vebsite.com)		
O Use Custor	m Credentials				
	Password				
Back				Start Dep	ployment

 Use your current administrator credentials to deploy the package, or select 'Use Custom Credentials' and enter an administrators username and password

Click 'Start Deployment' to initiate the operation. You will see a screen indicating deployment progress. The length of time it takes to deploy the packages depends on the quantity of endpoints and network traffic conditions.

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COMODO Creating Trust Online		_ 🗆 ×
Auto Discovery and Deployment Tool	Stop Deployment	Options (i) About
Deployment Results	₽ Se	arch
Target	Package	Status
Workgroup		[50.00%] Deploying (0/1)
AS02W7X32 (Windows)	7z920.msi	Copying agent installation p
		Generate Report

- Click the 'Stop Deployment' button to should you wish to abort the operation
- Once deployment is completed, click the 'Generate Report ' button

Scroll down to view the full report.

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Auto Discov	ery and Deployment Tool		New Deployment	Cptions	(i) About
Report Preview			2		
	обомоэ		12-Sep-16	15:26:34	1
	Deployment Rep	port			
	Report Summary				
	Total Found Devices:	1	Total Successful Deployments:	1	
	Total Windows Endpoints:	1	Total Failed Deployments:	0	
	Total Linux Endpoints:	0	Total Skipped Deployments:	0	
	Total Mac Endpoints:	0	Total Stopped Deployments:	0	
	Total Other Devices:	0			
	Summary Charts				
Back			Save As	Pr	int



- **Report Summary** Provides details about the number of devices to which the package was deployed, the date and time of the deployment, and the number of successful/failed deployments
- Summary Charts Displays endpoints by OS type and the status of the deployment
- **Discovered by Workgroup** Overall summary of scan results, including the number of discovered devices, the OS breakdown of discovered devices and the quantity of deployments which were successful, unsuccessful, skipped or failed.
- Click 'Save' to save the report in .pdf format or click 'Print' to print the report

#### 2.2.3. Deploy Packages Using Network Addresses

The 'Network Addresses' method allows administrators to deploy packages to endpoint by specifying IP addresses, IP ranges or hostnames.

- If you haven't done so already, upload your packages as shown in step 2.1
- Select 'Network Addresses' in the 'Discovery Targets' window:

COMODO Creating Trust Online		_ 🗆 ×
Auto Discovery and Deployment Tool New Deployment (2/3)	() New Deployment	Coptions () About
Discovery Target(s)		
Active Directory Discover computers by selecting them from Active Directory		>
Workgroup Discover computers by selecting them from Workgroup		>
Network Addresses Discover computers by specifying IP addresses or endpoint names		
COMODO Creating Trust Online		_ 🗆 X
Auto Discovery and Deployment Tool Discover Network Address	( New Deployment	Options () About
Network Addresses		
Example: 10.0.0.0 or 10.0.0.0/8 or 10.0.0-10.255.255.255 or Endpoint name		Add
Back	Add More Targets	Next

- Network Address: Enter the IP address, IP range or host name as shown below:
  - IP 10.0.0.1



- IP Range 10.0.0.1-10.0.0.5
- IP Subnet 10.0.0.0/24 or 10.0.0.0/255.255.255.0
- hostname-pc
- Click the 'Add' button
- Click 'Add More Targets' to add more endpoints
- To delete an item from the list, click the 'X' beside it

Click 'Next' to go to stage 3 – Deployment Credentials.

Select whether you want to use your current credentials or custom credentials. You must enter an
administrator password to deploy packages to target endpoints:

COMODO Creating Trust Online					_ 🗆 ×
Auto Discovery and Deploymen New Deployment (3/3)	nt Tool		New Deployment	Options	(i) About
Deployment Credentials					
	Ose Current Domain Crede	ntials (domain.v	vebsite.com)		
	O Use Custom Credentials				
	Password				
Back				Start Dep	ployment

Click the 'Start Deployment' button to begin the operation. You will see a screen indicating deployment
progress. The length of time it takes to deploy the packages depends on the quantity of endpoints and
network traffic conditions.

COMODO Creating Trust Online		_ 🗆 ×
Auto Discovery and Deployment Tool	Stop Deployment	Options (1) About
Deployment Results	QS	earch
Target	Package	Status
Network Addresses		[50.00%] Deploying (0/1)
Contraction as06w8x64 (Windows x64)	7z1512-x64.exe	Copying agent installation p
		Generate Report

- To search for a particular host, type the name of the endpoint in the search window
- Click the 'Stop Deployment' button to discontinue the deployment process and confirm it in the 'Stop Deployment' dialog.

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Once deployment is completed, click the 'Generate Report' button

Scroll down to view the full report.

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Auto Discov	ery and Deployment Tool		( New Deployment	Cptions	(i) About
Report Preview			2		
	сомодо		12-Sep-16	15:26:34	
	Deployment Rep	ort			
	Report Summary				
	Total Found Devices:	1	Total Successful Deployments:	1	
	Total Windows Endpoints:	1	Total Failed Deployments:	0	
	Total Linux Endpoints:	0	Total Skipped Deployments:	0	
	Total Mac Endpoints:	0	Total Stopped Deployments:	0	
	Total Other Devices:	0			
	Summary Charts				
Back			Save As	Pr	int

- **Report Summary** Provides details about the number of devices to which the package was deployed, the date and time of the deployment, and the number of successful/failed deployments
- Summary Charts Displays endpoints by OS type and the status of the deployment
- Discovered by Network Address Overall summary of scan results, including the number of discovered devices, the OS breakdown of discovered devices and the quantity of deployments which were successful, unsuccessful, skipped or failed.
- Click 'Save' to save the report in .pdf format or click 'Print' to print the report

# 3. CADDT Settings

The 'Options' area in the Comodo Auto Discovery and Deployment Tool allows you to configure deployment and user interface settings.

To access the settings area, simply click the 'Options' link in the title bar.

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COMODO Creating Trust Online			_
Auto Discovery and Deployment Tool beta	New Deployment	Options	(i) About
Deployment Options			
Deploying timeout 20 minutes			
UI Options			
Dark Cyan Theme I Light Cyan Theme Light Blue Theme			
Show Animations			
Back			

- Deployment timeout (Default = 20 minutes) Set the maximum amount of time the deployment should take.
- UI Options Specify the user interface theme. Choose from Dark Cyan Theme, Light Cyan Theme, Light Blue Theme (Default)
- Show Animations Show Animations If enabled, CADDT will display transition animations when the administrator moves between stages or clicks a button in the top menu. (Default = Enabled)

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COMODO Creating Trust Online			_ 🗆 ×
Auto Discovery and Deployment Tool New Deployment (1/3)	( New Deployment	🔅 Options	() About
You are going to deploy EXE package which will be installed silently. If the installation process re Package [S.R7 Mbyted Critisers/Ped Wit Desirop.co Specify paremeters Use separate packages for 32-bit and 64-bit applica Constant	equires any user interaction,	it may fail due to n	x

· Click the 'Back' button to return to the 'main deployment interface'

# 4. About CADDT

The 'About' area interface provides the details of the product, its version number and the target Endpoint requirements.

To view the utility details and requirements, click 'About' from the menu bar.

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COMODO Creating Trust Online		-	_
Auto Discovery and Deployment Tool	New Deployment	ද්රිූ Options	(i) About
About			
Auto Discovery and Deployment Tool	This tool is designed to a devices discovered on the devices discovere	deploy installation pao he network.	ckages to the
	© 2016 Comodo Security	Solutions, Inc. All Rigi	hts Reserved.
Target Endpoint Requirements			
Check whether a target computer is turned on and connected to the network.			
Check whether firewall on a target computer is turned Off.			
Check whether IP address of a target computer is correct.			
In the Network Neighbourhood run Network Wizard, enable file sharing.			
Make sure Administrator password is not blank and correct.			
Check whether 'Forceguest' option on target computer is disabled: HKLM\\SYSTEM\\CurrentControlSet	\\Control\\Lsa 'forceguest' dword	is 0.	
If the account is not a built-in Administrator, check whether: HKLM\\SOFTWARE\\Microsoft\\Windows\\ dword is 1.	CurrentVersion\\Policies\\System	'LocalAccountTokenFi	ilterPolicy'
Back			



# About Comodo Security Solutions

Comodo Security Solutions is a global innovator of cybersecurity solutions, protecting critical information across the digital landscape. Comodo provides complete, end-to-end security solutions across the boundary, internal network and endpoint with innovative technologies solving the most advanced malware threats. With over 80 million installations of its threat prevention products, Comodo provides an extensive suite of endpoint, website and network security products for MSPs, enterprises and consumers.

Continual innovation and a commitment to reversing the growth of zero-day malware, ransomware, data-breaches and internet-crime distinguish Comodo Security Solutions as a vital player in today's enterprise and home security markets.

## About Comodo Cybersecurity

In a world where preventing all cyberattacks is impossible, Comodo Cybersecurity delivers an innovative cybersecurity platform that renders threats useless, across the LAN, web and cloud. The Comodo Cybersecurity platform enables customers to protect their systems and data against even military-grade threats, including zero-day attacks. Based in Clifton, New Jersey, Comodo Cybersecurity has a 20-year history of protecting the most sensitive data for both businesses and consumers globally. For more information, visit comodo.com or our blog. You can also follow us on Twitter (@ComodoDesktop) or LinkedIn.

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