HOW TO USE LENOVO CLOUD UTILITY

Visit below link – Login with your account and download Lenovo cloud deploy utility.

https://www.lenovoclouddeploy.com/en/home/downloads

Download Tools

Download Lenovo Cloud Deploy to create images and setup hardware and systems for first-time login. Choose the Provision System Wizard to create provisioning kits for software and system settings.



Run the installer and follow the prompts



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Lenovo Cloud De	ploy Setup	
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By checking the boxes below you acknowledge that understand and agree to these Lenovo policies.	t you have read,	
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Lenovo Cloud De Shortcuts	ploy Setup	
Please select the shortcuts you would like to create Desktop shortcut	:	
Start Menu shortcut	-	Lenovo Services
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Enter Customer Key and Email Address (HOOPP)

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Please provide your customer ke Deploy experience.	y and e-mail to s	implify your Leno	vo Cloud
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Lenovo C	loud De	eploy Se	tup
Click Launch to start Lenovo Clou	id Deploy.	'y	
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		Launch	Close

Sign in with Faisal account (email address and password)



Below is various screen that are available for configuration. For our exercise we are going to use the second button below home screen



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	•	•	Lenovo T14	6/13/2023 11:45:23 AM	8.41 GB	Customer	Faisal	Mahmood	•				
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Click Restore another computer

Lenovo	Cloud Deploy		_		\times
≡		Fais Healthcare Of Ontario Pension I	sal Mahmood Plan (hoop P)	\odot	?
♠	Restore System				
±,		Restore a computer using Lenovo Cloud Deploy			
		This wizard will assist you in preparing to restore a computer using Lenovo Cloud Deploy.			
		······································			
		 Restore this computer I want to restore this computer using its internal hard drive or using USB media. 			
(†)					
ţ		 Restore another computer I want to restore another computer using USB media. 			

Here you have 2 options (Wired or Not Wired internet connection) which is self-explanatory.



Make sure to plug in USB media (minimum 16GB free space)

Lenovo	Cloud Deploy		\times
≡	Faisal Mahmood Healthcare Of Ontario Pension Plan (hoop P)	\odot	?
•	Restore System		С
±,	Let's create bootable USB media for online deployments		
	This media uses a wired internet connection to restore from Lenovo Cloud Deploy.		
	Select your USB media		
	T14 (D:) - 14.4 GB Kingston DataTraveler 3.0 USB Device		
(+) 1	 The USB media must be at least 3 GB in size. 		
•	A The selected USB media will be erased and formatted for Quick Imaging.		
	< Back	Next	

This is the evaluation/test image Lenovo Tech (Ted) created for HOOPP using the ISO we upload to them on 13th Jun. Select this image

Lenovo	Cloud Deploy —		\times
≡	Faisal Mahmood Healthcare Of Ontario Pension Plan (hoop P)	\odot	?
A	Restore System	C	
±,	Restore System		
	Select or deselect the content to store on the USB media		
	Select one or more deployments to store on your USB media now. If your USB media is not large enough, choose Skip, Cloud Deploy will download the deployment later as part of the restore.	_enovo	
Ţ	On Media Description Production Date Size		
ψ	T14 Intel Gen3 Factory Image W10E 22H2 Discussion 6/15/2023 3:17:09 PM 6.30 GB		
	1 item 1 item selected (6.30 GB)		
	< Back Skip Cancel	Next	
Lenovo	Cloud Deploy		×
=	Faisal Mahmood Healthcare Of Ontario Pension Plan (hoop P)	$\overline{\mathbf{O}}$	0
^	Restore System		
•			
[]			
ţ	When the USB media is prepared it's contents will be erased and all data stored on it will be los	st!	
	🗹 I want this USB media erased and created into Lenovo Cloud Deploy boot media.		
	< Pack	Create	
	Cancel	create	

It took about 9 minutes to create bootable USB stick

Lenovo	Cloud Deploy -		\times
=	Faisal Mahmood Healthcare Of Ontario Pension Plan (hoop P)	\odot	0
A			
±.,	Restore System		
	Creating your USB restore media		
	Please wait while your USB restore media is being created.		
	Do not remove the media until the process is complete.		
т) ф	T14 (D:) - 14.4 GB Kingston DataTraveler 3.0 USB Device		
	Building media 14% 1 minute, 53 seconds remaining		
		Canc	el

Below is a clear instruction on how to use bootable media for testing.

Lenovo	Iloud Deploy —		X
≡	Faisal Mahmood Healthcare Of Ontario Pension Plan (hoop P)	$\overline{\mathbf{O}}$?
♠	Restore System		
E ,	Follow these steps to begin the Lenovo deployment process		
►	 Connect the Lenovo Cloud Deploy USB media to the target computer. Connect the computer to AC power and make sure it has a wired Ethernet cable connected to the internet. Turn on or reboot the computer. For a Lenovo computer, press Enter to interrupt normal startup and select the option to choose a temporary startup device. For other vendors, press the appropriate key to enter the computer's boot selection menu. If you do not see this message (or miss it), let the computer finish booting into Windows and then restart the computer and try again. Wait a moment as the computer loads the boot menu with a list of choices. Select the appropriate boot entry that references your USB boot media. 		
•	7. The computer boots from the USB device and launch Lenovo Cloud Deploy. 8. Log into the Lenovo Cloud Deploy application and continue the Restore System wizard.		
		Finis	h

These are the contents on the bootable USB media.

USB Drive (D:)						
^ Name	Date modified	Туре	Size			
<u>Boot</u>	<u>6/16/2023 2:29 PM</u>	<u>File folder</u>				
CURRENT DEPLOY	<u>6/16/2023 2:29 PM</u>	<u>File folder</u>				
DEPLOYMENTS	<u>6/16/2023 2:29 PM</u>	<u>File folder</u>				
DEPLOYTOOLS	<u>6/16/2023 2:29 PM</u>	<u>File folder</u>				
	<u>6/16/2023 2:29 PM</u>	<u>File folder</u>				
en-us	<u>6/16/2023 2:29 PM</u>	<u>File folder</u>				
	<u>6/16/2023 2:30 PM</u>	<u>File folder</u>				
LCD DB	<u>6/16/2023 2:30 PM</u>	<u>File folder</u>				
LOGS	<u>6/16/2023 2:29 PM</u>	<u>File folder</u>				
	<u>6/16/2023 2:29 PM</u>	<u>File folder</u>				
sources	<u>6/16/2023 2:29 PM</u>	<u>File folder</u>				
AUTORUN.INF	<u>6/16/2023 2:42 PM</u>	Setup Information	<u>1 KB</u>			
<u>bootmgr</u>	<u>7/26/2022 1:41 PM</u>	<u>File</u>	<u>432 KB</u>			
<u>bootmgr.efi</u>	<u>7/26/2022 1:41 PM</u>	EFI File	<u>2,497 KB</u>			
Sysprep Assistant.exe	<u>8/31/2022 2:15 PM</u>	Application	<u>656 KB</u>			

To test Lenovo Image on T14 below are the steps

Plug in the USB – Connect Power Adapter – Connect Network Cable – Power on T14 laptop

Press Enter to boot to F12 – Select USB bootable disk – Wait few minutes for Lenovo Cloud Utility to start. This is what you will see – Click Restore system and follow the prompts

Recover a System	1	Image De	velopme	nt
Install a new operating system on a computer	C	apture or restor "clone") o	e a digital co of a system	py (or
Restore System		🞲 Qui	ck Images	
ALC: NOT THE OWNER	The State		10, 175	
Choose	Deployme	nt		
The following deployme	nts are availa	able in the cloud.		
Description	Location	Production Status	Date Modifie	Size
T14 Intel Gen3 Factory Image W10E 22H2	ψ	Discussion Evaluation	6/15/2023 7:17:09 PM	6.30 GB
i item				
Prep	baring your s	ystem		
Your system may automatically reboot after the Lenovo O additional ste	Cloud deployme eps to configure	ent process finishes. the computer.	Your first boot exp	perience may ir
T14 Intel Gen3 Factory Image W10E 22H2				
Preparing to Restore System				
	~			

Let's start with region. Is this right	?
U.S. Minor Outlying Islands	
U.S. Virgin Islands	
Uganda	
Ukraine	
United Arab Emirates	
United Kingdom	
United States	
	Yes

Once restore is done – remove USB stick and reboot the system. On reboot T14 will be OOBE ready for AutoPilot

Plug in Hardware Hash USB stick to capture hardware hash. Press Shift + F10 to open Command Prompt. Change Drive letter to D – Delete Comphash.csv file and run GetAutoPilot.cmd. Upload the hash at EndPoint – Wait for few minutes to start autopilot process.

We did this exercise to validate/test the image Lenovo will be using at their site on new hardware that will be shipped out to HOOPP for Evergreen Project.

Thanks

Ram 16th Jun 2023