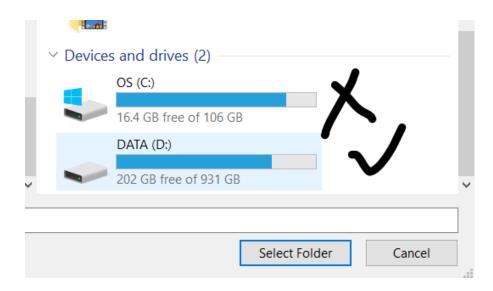
Steps to open VDI

Important Note -

1) Make sure your C drive or D drive has atleast 100GB space (as shown below)

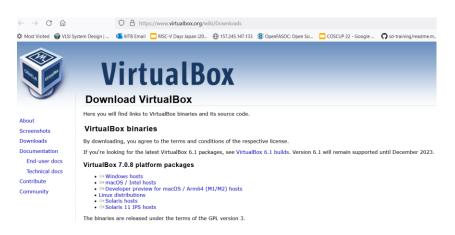


- 2) Download the below ZIPPED file on your laptop
- 3) <u>https://forgefunder.com/~kunal/openlane.zip</u>
- 4) Unzip the downloaded file and follow the below instructions starting from next page.

Windows

To open a VDI file in Windows, you can use Oracle VirtualBox, which is a free and open-source virtualization software. Here are the steps to open a VDI file in Windows using VirtualBox:

1. Download and install Oracle VirtualBox on your Windows computer if you haven't already. You can download it from the official website: https://www.virtualbox.org/wiki/Downloads



2. Launch VirtualBox and click on the "New" button to create a new virtual machine. Fill up the details as shown in the image below.

	Machine	?	\times
	Virtual	machine Name and Operating System	
	be used thro used to insta	ise a descriptive name and destination folder for the new virtual machine. The name you chooughout VirtualBox to identify this machine. Additionally, you can select an ISO image which r all the guest operating system.	
	Folder:	vsdworkshop D:	
SE	ISO Image:	<not selected=""></not>	×
	Edition:		~
	Type:		2
ALC: OF THE REAL	Version:	Ubuntu 18.04 LTS (Bionic Beaver) (64-bit) ~	_
		Skip Unattended Installation	

- 3. In the "Create Virtual Machine" wizard, enter a name for the virtual machine and select the operating system <u>type as Linux</u> and version as Ubuntu 18.04 that matches the one installed in the VDI file you want to open
- 4. On the next screen, allocate memory

🧊 Create Virtual Ma	chine	?	×
	Hardware You can modify virtual machine's hardware by changing amount of RAM and virtual CPU count. Enabling EFI is also possible. Base Memory: 4 MB Processors: 1 CPU CPU Enable EFI (special OSes only)	4096 M	4
Help	Back Next	Cance	el

5. Create a virtual hard disk. Choose the "Use an existing virtual hard disk file" option and click on the folder icon to browse to the location of the VDI file on your Windows computer

💱 Create Virtual Ma	chine	? ×
1111 M	Virtual Hard disk	
	If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select an existing one. Alternatively you can create a virtual machine without a virtual hard disk.	
1 37 M	O Create a Virtual Hard Disk Now	
	Disk Size:	25.00 GB
	Pre-allocate Full Size	
	Ouse an Existing Virtual Hard Disk File	
	Calendare uti (Nerreal, 100 Carta)	~ 🞑
	🔿 Do Not Add a Virtual Hard Disk	
Help	Back Next	Cancel

6. Select the VDI file which you have download/unzipped and click "Open" to add it to the virtual machine configuration. Follow steps in order of 1, 2, 3, 4 as shown in below image

								?	×
🗊 Create Virtua	I Machine							ſ	
	Virtua	l Hard disk							
		h you can add a virtual hard (r select an existing one. Alter							
		a Virtual Hard Disk Now							
		Disk Size:							25.00 0
	·	4.00 MB				2	.00 TB		
P		Pre-allocate Full Size							
	Use ar	Existing Virtual Hard Disk Fil							
		vsdsquadron.vdi (Normal, 1	00.00 GB)						~
Hard Disk Selec		t Add a Wirtual Uard Dick	пх						
ium Selector									
					Back		lext		Cancel
Add Refresh					Back		lext		Cancel
Add Refresh	Vi	rtual Size Actual Siz	e		Back		Vext		Cancel
			e		Back		Vext		Cancel ×
ame	se a virtual ha		e ح (ر			rch open			
ame	se a virtual ha	d disk file rkshops > openlane		, [lane		
ame ♥ Please choo ← → ∨ Organize ▼	se a virtual han ↑ 📜 « Wo	d disk file rkshops > openlane	~ 0) ame		rch open	lane		×
ame ♥ Please choc ← → ↓ Organize ↓ ♥ This PC	nse a virtual han	d disk file rkshops > openlane	~ 0	ame		rch open	lane		×
ame Please choc ← → ~ Organize ~ S This PC 3 3D Ob	ise a virtual han T Rew folde ijects	d disk file rkshops > openlane	~ 0	ame	,∕ Sear	rch open	lane		×
ame Please choc Granize Organize This PC 3 D Ob Deskto	ise a virtual har T	d disk file rkshops > openlane	~ 0	ame	,∕ Sear	rch open	lane		×
ame Please choc Granize Organize This PC 3 D Ob Deskto	 a virtual har T Wo New folde yjects pp nents 	d disk file rkshops > openlane	~ 0	ame	,∕ Sear	rch open	lane		×
ame Please choc Grganize This PC This PC This PC This PC Desktt Desktt Docum	 A virtual har A work New folde New folde New folde 	d disk file rkshops > openlane	~ 0	ame	,∕ Sear	rch open	lane		×
ame Please choc Crganize * Drganize * Drganize * Docum Docum Docum Docum Docum Music	ise a virtual hai T I « Wo New folde ijects op nents loads	d disk file rkshops > openlane	~ 0	ame	,∕ Sear	rch open	lane		×
ame Please choc Crganize Organize This PC Deskto Docur Doc	ise a virtual hai T I « Wo New folde ijects op nents loads	d disk file rkshops > openlane	~ 0	ame	,∕ Sear	rch open	lane		×
ame Please choc Crganize * Drganize * Drganize * Docum Docum Docum Docum Docum Music	se a virtual har T C C C C C C C C C C C C C C C C C C C	d disk file rkshops > openlane		ame	,∕ Sear	rch open IIIII	lane •		~
ame Please choc Crganize * Drganize * Drganize * Docum Docum Docum Docum Docum Music	se a virtual har T C C C C C C C C C C C C C C C C C C C	d disk file rkshops > openlane r		ame		nch open	k files (;		~

7. Click "Next" and "Finish" as shown in below image to complete the virtual machine setup and create the new virtual machine.

🜍 Create Virtual Ma	chine	? ×
	Virtual Hard disk	
	If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select an existing one. Alternatively you can create a virtual machine without a virtual hard disk.	
	Create a Virtual Hard Disk Now	
	Disk Size:	25.00 GB
	4.00 MB 2.00 TB	
T	Pre-allocate Full Size	
	Use an Existing Virtual Hard Disk File	
	openlane.vdi (Normal, 30.00 GB)	~ 🔼
	O Do Not Add a Virtual Hard Disk	
Help	Back Next	Cancel

😚 Create Virtual Ma	chine		?	\times
	Summary			
		zes the configuration you have chosen for the new virtual machine e configuration press Finish to create the virtual machine. Alternat the configuration.		
	😽 Machine Name and Os	S Туре		
	Machine Name	vsdworkshop		
	Machine Folder	D:/vsdworkshop		_
	ISO Image			
	Guest OS Type	Ubuntu 18.04 LTS (Bionic Beaver) (64-bit)		
	📃 Hardware			
	Base Memory	4096		
	Processor(s)	4		
	EFI Enable	false		
	🧕 Disk			
	Attached Disk	D:\VSD\ForUdemy\Workshops\openlane\openlane.vdi		
Help		Back Finish	Cane	cel

8. Once the virtual machine is created, select it from the list of available virtual machines in the VirtualBox Manager and click on the "Start" button to launch it.

	- 0 ×
New Add Setting Discart Let	
eneral General	V 📃 Preview
Name: vsdworkshop Operating System: Ubuntu 18.04 LTS (Bionic Beaver) (64-bit)	
I System	
Base Memory: 4096 MB Processors: 4 Boot Order: Floppy, Optical, Hard Disk Acceleration: Nested Paging, KVM Paravirtualization	vsdworkshop
Display	
Video Memory: 16 MB Graphics Controller: VMSVGA Remote Desktop Server: Disabled Recording: Disabled	
Storage	
Controller: IDE IDE Secondary Device 0: [Optical Drive] Empty Controller: SATA SATA Port 0: openlane.vdl (Normal, 30.00 GB)	
🗘 Audio	
Host Driver: Default Controller: ICH AC97	
Network	
Adapter 1: Intel PRO/1000 MT Desktop (NAT)	
🥟 USB	
USB Controller: OHCI, EHCI Device Filters: 0 (0 active)	
Shared folders	
None	
Description None	

9. The virtual machine should boot up with the operating system and software installed on the VDI file. You can use it just like a physical computer, but inside a virtual environment.

That's it! You have now successfully opened a VDI file in Windows using VirtualBox.

Ubuntu (images remain same as above)

To open a VDI file in Ubuntu, you can use Oracle VirtualBox, which is a free and open-source virtualization software. Here are the steps to open a VDI file in Ubuntu using VirtualBox:

- 1. Open a terminal window on your Ubuntu computer.
- 2. Install VirtualBox by running the following command in the terminal:
 - 1. sudo apt install virtualbox
- Once VirtualBox is installed, launch it by typing the following command in the terminal:
 virtualbox
- 4. Click on the "New" button to create a new virtual machine.
- 5. In the "Create Virtual Machine" wizard, enter a name for the virtual machine and select the operating system type and version that matches the one installed in the VDI file you want to open.
- 6. On the next screen, allocate memory and create a virtual hard disk. Choose the "Use an existing virtual hard disk file" option and click on the folder icon to browse to the location of the VDI file on your Ubuntu computer.
- 7. Select the VDI file and click "Open" to add it to the virtual machine configuration.
- 8. Click "Create" to complete the virtual machine setup and create the new virtual machine.
- 9. Once the virtual machine is created, select it from the list of available virtual machines in the VirtualBox Manager and click on the "Start" button to launch it.
- 10. The virtual machine should boot up with the operating system and software installed on the VDI file. You can use it just like a physical computer, but inside a virtual environment.

That's it! You have now successfully opened a VDI file in Ubuntu using VirtualBox.