



HOW TO INCREASE HDP SANDBOX VM DISK SIZE

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How to increase the disk size of HDP Sandbox VM

- Go to C:\Program Files\Oracle\VirtualBox on your laptop (Windows OS)
- Run the following command to rename VM file from vmdk to vdi
 - VBoxManage clonehd "C:\Users\BigDataTraining\VirtualBox VMs\Hortonworks Sandbox with HDP 2.4\Hortonworks Sandbox with HDP 2.4-disk1.vmdk" "C:\Users\BigDataTraining\VirtualBox VMs\Hortonworks Sandbox with HDP 2.4\Hortonworks Sandbox with HDP 2.4-disk1.vdi" --format VDI --variant Standard
- Run the following command to resize the vdi from 48G to 150G
 - VBoxManage modifyhd "C:\Users\BigDataTraining\VirtualBox VMs\Hortonworks Sandbox with HDP 2.4\Hortonworks Sandbox with HDP 2.4-disk1.vdi" --resize 153600

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```
Command Prompt
2016-09-12 06:18 PM      390,248 VBoxSDL.dll
2016-09-12 06:18 PM    1,057,824 VBoxSDL.exe
2016-09-12 06:18 PM      43,312 VBoxSharedClipboard.dll
2016-09-12 06:18 PM    1,055,656 VBoxSharedCrOpenGL.dll
2016-09-12 06:18 PM      52,648 VBoxSharedFolders.dll
2016-09-12 06:16 PM      20,920 VBoxSupLib.dll
2016-09-12 06:18 PM    4,888,640 VBoxSVC.exe
2016-09-12 06:18 PM      162,808 VBoxTestOGL.exe
2016-09-12 06:18 PM    2,765,944 VBoxVMM.dll
2016-09-12 06:20 PM   14,680,720 VBoxWebSrv.exe
2016-09-12 06:15 PM    2,992,753 VirtualBox.chm
2016-09-12 06:18 PM    9,439,480 VirtualBox.dll
2016-09-12 06:18 PM    1,058,336 VirtualBox.exe
2016-09-12 06:18 PM    1,117,728 VMMR0.r0
2016-09-12 06:18 PM      830,856 VMMRC.rc
2016-09-19 09:35 PM  <DIR>      x86
        64 File(s)   148,445,759 bytes
        8 Dir(s)   837,936,463,872 bytes free

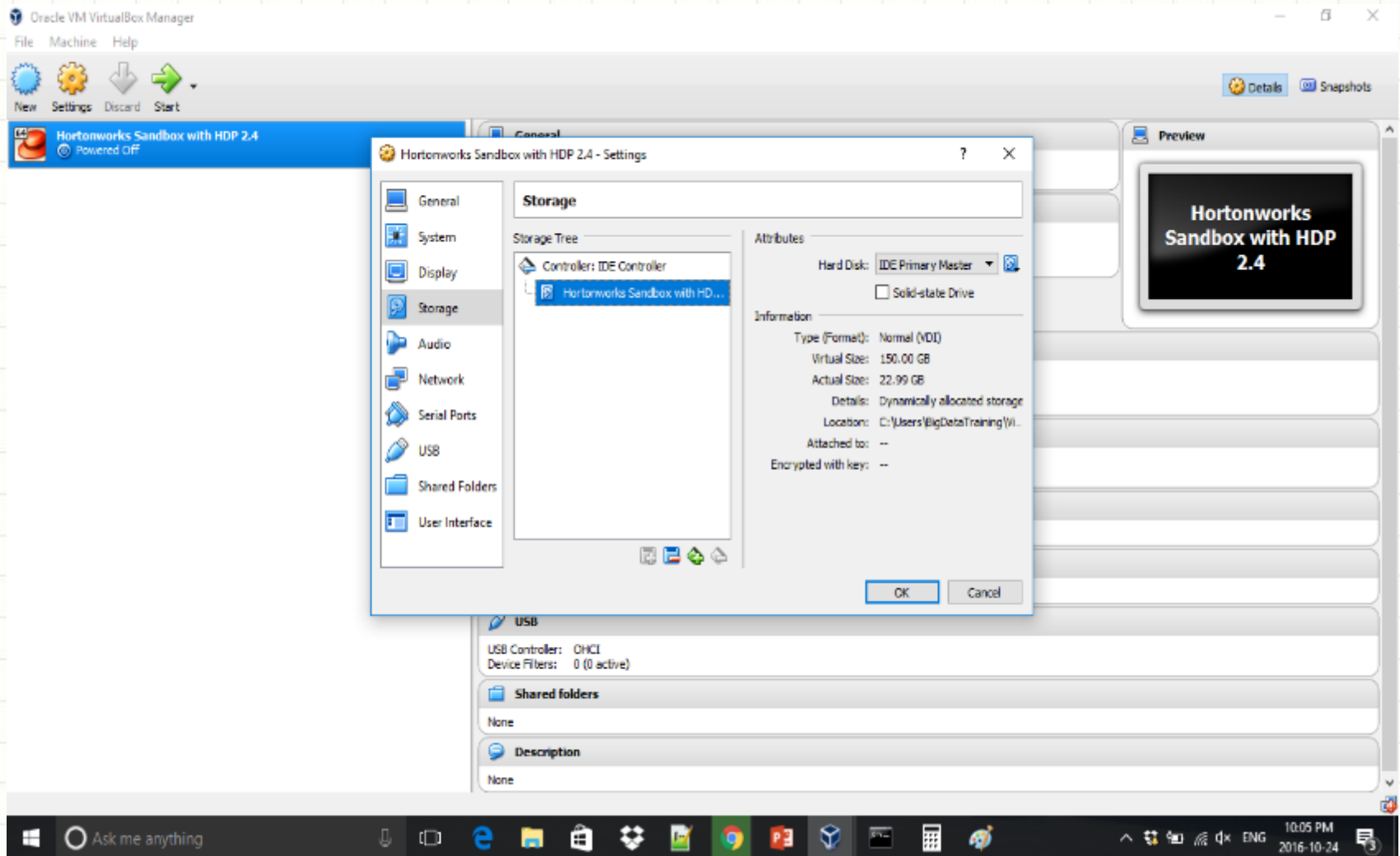
C:\Program Files\Oracle\VirtualBox>VBoxManage clonehd "C:\Users\BigDataTraining\VirtualBox VMs\Hortonworks Sandbox with
HDP 2.4\Hortonworks Sandbox with HDP 2.4-disk1.vmdk" "C:\Users\BigDataTraining\VirtualBox VMs\Hortonworks Sandbox with H
DP 2.4\Hortonworks Sandbox with HDP 2.4-disk1.vdi" --format VDI --variant Standard
0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%
Clone medium created in format 'VDI'. UUID: aecaa4f0-f9c9-47de-823d-9f3007640d25

C:\Program Files\Oracle\VirtualBox>VBoxManage modifyhd "C:\Users\BigDataTraining\VirtualBox VMs\Hortonworks Sandbox wit
h HDP 2.4\Hortonworks Sandbox with HDP 2.4-disk1.vdi" --resize 153600
0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%
```

How to increase the disk size of HDP Sandbox VM

- Open virtualbox, remove .vmdk image and add new .vdi image file
 - Choose Hortonworks Sandbox with HDP 2.4
 - Click Settings
 - Click Storage
 - Click – sign to remove .vmdk image file
 - Click + sign (add hard disks), then choose existing disk to add new .vdi image file, you will see the virtual size becomes 150G
- Download gparted iso image from the following link:
 - http://sourceforge.net/projects/gparted/?source=typ_redirect

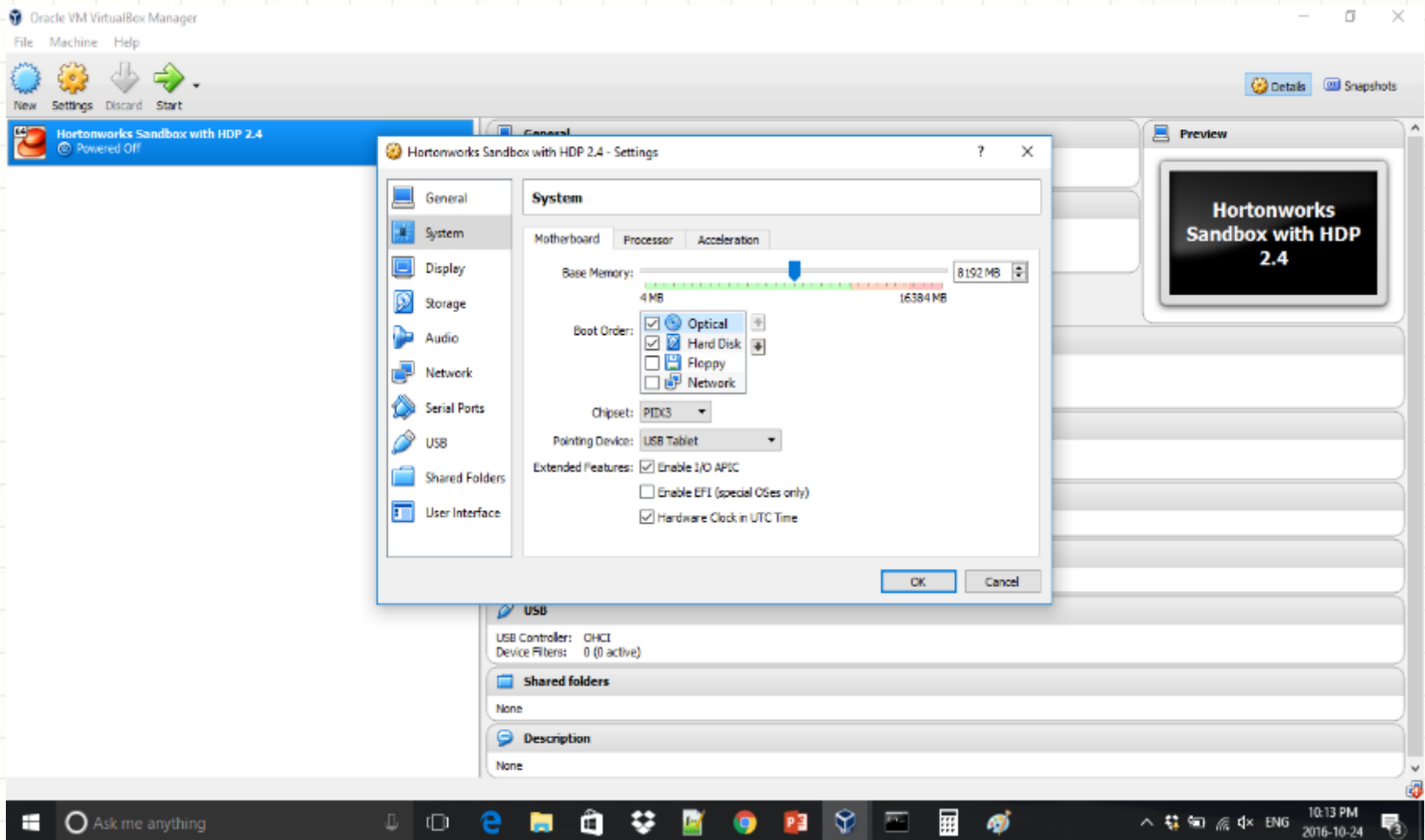
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How to increase the disk size of HDP Sandbox VM

- Add gparted iso image as cdrom drive on virtualbox, make cdrom as first device on boot order and boot virtualbox using gparted image
 - Go to settings, choose storage
 - Click + sign (adds optical drivers) to add gparted iso image as cdrom
 - Click system and make Optical as first on boot order
- Start Hortonworks Sandbox with HDP 2.4
- Using gparted gui, resize the partition, save changes, shutdown virtualbox and remove gparted cdrom iso image
 - Click Enter four times and choose vg_sanbox

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How to increase the disk size of HDP Sandbox VM

- Start Sandox and Open SSH to perform commands below:
 - `lvextend -L +100G /dev/mapper/vg_sandbox-lv_root`
 - `resize2fs /dev/mapper/vg_sandbox-lv_root`
- Run the following command to check new partition size:
 - `df -h`