

temp@temp-VirtualBox: ~

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To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

temp@temp-VirtualBox:~\$ lspci

00:00.0 Host bridge: Intel Corporation 440FX - 82441FX PMC [Natoma] (rev 02)

00:01.0 ISA bridge: Intel Corporation 82371SB PIIX3 ISA [Natoma/Triton II]

00:01.1 IDE interface: Intel Corporation 82371AB/EB/MB PIIX4 IDE (rev 01)

00:02.0 VGA compatible controller: VMware SVGA II Adapter

00:03.0 Ethernet controller: Intel Corporation 82540EM Gigabit Ethernet Controller (rev 02)

00:04.0 System peripheral: InnoTek Systemberatung GmbH VirtualBox Guest Service

00:05.0 Multimedia audio controller: Intel Corporation 82801AA AC'97 Audio Controller (rev 01)

00:06.0 USB controller: Apple Inc. KeyLargo/Intrepid USB

00:07.0 Bridge: Intel Corporation 82371AB/EB/MB PIIX4 ACPI (rev 08)

00:0d.0 SATA controller: Intel Corporation 82801HM/HEM (ICH8M/ICH8M-E) SATA Controller [AHCI mode] (rev 02)

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Error: Device 'eth0' not found.

temp@temp-VirtualBox:~\$ nmcli dev status

DEVICE	TYPE	STATE	CONNECTION
enp0s3	ethernet	connected	Wired connection 1
lo	loopback	unmanaged	--

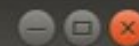
temp@temp-VirtualBox:~\$ nmcli dev show enp0s3

```

GENERAL.DEVICE:                enp0s3
GENERAL.TYPE:                  ethernet
GENERAL.HWADDR:                08:00:27:CC:31:94
GENERAL.MTU:                   1500
GENERAL.STATE:                 100 (connected)
GENERAL.CONNECTION:            Wired connection 1
GENERAL.CON-PATH:              /org/freedesktop/NetworkManager/ActiveC
WIRED-PROPERTIES.CARRIER:    on
IP4.ADDRESS[1]:                10.0.2.15/24
IP4.GATEWAY:                   10.0.2.2
IP4.ROUTE[1]:                  dst = 0.0.0.0/0, nh = 10.0.2.2, mt = 10
IP4.ROUTE[2]:                  dst = 10.0.2.0/24, nh = 0.0.0.0, mt = 1
IP4.ROUTE[3]:                  dst = 169.254.0.0/16, nh = 0.0.0.0, mt
IP4.DNS[1]:                    75.75.75.75
IP4.DNS[2]:                    75.75.76.76
IP4.DOMAIN[1]:                 hsd1.tx.comcast.net.
IP6.ADDRESS[1]:                fe80::1d5e:30bd:d5ba:7051/64
IP6.GATEWAY:                   --
IP6.ROUTE[1]:                  dst = ff00::/8, nh = ::, mt = 256, tabl
IP6.ROUTE[2]:                  dst = fe80::/64, nh = ::, mt = 256
IP6.ROUTE[3]:                  dst = fe80::/64, nh = ::, mt = 100
    
```

lines 1-21/21 (END)

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To run a command as administrator (user "root"), use "sudo <command>".
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```
temp@temp-VirtualBox:~$ who
temp      :0                2020-09-25 18:09 (:0)
temp@temp-VirtualBox:~$
```

temp@temp-VirtualBox: ~

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To run a command as administrator (user "root"), use "sudo <command>".
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```
temp@temp-VirtualBox:~$ who
temp      :0                2020-09-25 18:09 (:0)
temp@temp-VirtualBox:~$ pwd
/home/temp
temp@temp-VirtualBox:~$
```

temp@temp-VirtualBox: ~

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temp@temp-VirtualBox:~\$ ls

Desktop	Downloads	Music	Public	Videos
Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$

temp@temp-VirtualBox: ~

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To run a command as administrator (user "root"), use "sudo <command>".
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temp@temp-VirtualBox:~\$ ls

Desktop	Downloads	Music	Public	Videos
Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$ touch Doan14649

temp@temp-VirtualBox:~\$ ls -t -r

examples.desktop	Templates	Pictures	Downloads	Desktop	Doan14649
Videos	Public	Music	Documents	who	

temp@temp-VirtualBox:~\$

temp@temp-VirtualBox: ~

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To run a command as administrator (user "root"), use "sudo <command>".
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temp@temp-VirtualBox:~\$ ls

Desktop	Downloads	Music	Public	Videos
Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$ touch Doan14649

temp@temp-VirtualBox:~\$ ls -t -r

examples.desktop	Templates	Pictures	Downloads	Desktop	Doan14649
Videos	Public	Music	Documents	who	

temp@temp-VirtualBox:~\$ mkdir Doan2332

temp@temp-VirtualBox:~\$ ls

Desktop	Doan2332	Downloads	Music	Public	Videos
Doan14649	Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$

temp@temp-VirtualBox: ~

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To run a command as administrator (user "root"), use "sudo <command>".
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temp@temp-VirtualBox:~\$ ls

Desktop	Downloads	Music	Public	Videos
Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$ touch Doan14649

temp@temp-VirtualBox:~\$ ls -t -r

examples.desktop	Templates	Pictures	Downloads	Desktop	Doan14649
Videos	Public	Music	Documents	who	

temp@temp-VirtualBox:~\$ mkdir Doan2332

temp@temp-VirtualBox:~\$ ls

Desktop	Doan2332	Downloads	Music	Public	Videos
Doan14649	Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$ cd home

bash: cd: home: No such file or directory

temp@temp-VirtualBox:~\$ cd /home

temp@temp-VirtualBox:/home\$ ls

temp

temp@temp-VirtualBox:/home\$ cd /home/temp

temp@temp-VirtualBox:~\$ ls

Desktop	Doan2332	Downloads	Music	Public	Videos
Doan14649	Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$ cp Doan14649 /home/temp/Doan2332

temp@temp-VirtualBox:~\$ cd /home/temp/Doan2332

temp@temp-VirtualBox: ~/Doan2332

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To run a command as administrator (user "root"), use "sudo <command>".
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Desktop	Downloads	Music	Public	Videos
Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$ touch Doan14649

temp@temp-VirtualBox:~\$ ls -t -r

examples.desktop	Templates	Pictures	Downloads	Desktop	Doan14649
Videos	Public	Music	Documents	who	

temp@temp-VirtualBox:~\$ mkdir Doan2332

temp@temp-VirtualBox:~\$ ls

Desktop	Doan2332	Downloads	Music	Public	Videos
Doan14649	Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$ cd home

bash: cd: home: No such file or directory

temp@temp-VirtualBox:~\$ cd /home

temp@temp-VirtualBox:/home\$ ls

temp

temp@temp-VirtualBox:/home\$ cd /home/temp

temp@temp-VirtualBox:~\$ ls

Desktop	Doan2332	Downloads	Music	Public	Videos
Doan14649	Documents	examples.desktop	Pictures	Templates	who

temp@temp-VirtualBox:~\$ cp Doan14649 /home/temp/Doan2332

temp@temp-VirtualBox:~\$ cd /home/temp/Doan2332

temp@temp-VirtualBox:~/Doan2332\$ ls

Doan14649

temp@temp-VirtualBox:~/Doan2332\$

temp@temp-VirtualBox: ~

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examples.desktop Templates Pictures Downloads Desktop Doan14649
Videos Public Music Documents who

temp@temp-VirtualBox:~\$ mkdir Doan2332

temp@temp-VirtualBox:~\$ ls

Desktop Doan2332 Downloads Music Public Videos
Doan14649 Documents examples.desktop Pictures Templates who

temp@temp-VirtualBox:~\$ cd home

bash: cd: home: No such file or directory

temp@temp-VirtualBox:~\$ cd /home

temp@temp-VirtualBox:/home\$ ls

temp

temp@temp-VirtualBox:/home\$ cd /home/temp

temp@temp-VirtualBox:~\$ ls

Desktop Doan2332 Downloads Music Public Videos
Doan14649 Documents examples.desktop Pictures Templates who

temp@temp-VirtualBox:~\$ cp Doan14649 /home/temp/Doan2332

temp@temp-VirtualBox:~\$ cd /home/temp/Doan2332

temp@temp-VirtualBox:~/Doan2332\$ ls

Doan14649

temp@temp-VirtualBox:~/Doan2332\$ cd /home/temp

temp@temp-VirtualBox:~\$ ls

Desktop Doan2332 Downloads Music Public Videos
Doan14649 Documents examples.desktop Pictures Templates who

temp@temp-VirtualBox:~\$ rm -r Doan2332

temp@temp-VirtualBox:~\$ ls

Desktop Documents examples.desktop Pictures Templates who
Doan14649 Downloads Music Public Videos

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The Virtual Machine reports that the guest OS supports **mouse pointer integration**. This means that you do not need to *capture* the mouse pointer

```
temp@temp-VirtualBox: ~
File Edit View Search Terminal Help
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sda: 10 GiB, 10737418240 bytes, 20971520 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0xd4a45040

Device      Boot Start      End  Sectors  Size Id Type
/dev/sda1   *      2048 20969471 20967424   10G 83 Linux
temp@temp-VirtualBox:~$ sudo parted -l
Model: ATA VBox HARDDISK (scsi)
Disk /dev/sda: 10.7GB
Sector size (logical/physical): 512B/512B
Partition Table: msdos
Disk Flags:

Number  Start   End     Size    Type    File system  Flags
  1      1049kB  10.7GB  10.7GB  primary ext4          boot

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```