

How to install VmWare Tools on Kali Linux

In this article, TipsMake.com will guide you how to install the main VMware Tools for Kali Linux on VMware Workstation virtual machine.

Yes, with operating systems installed on VmWare virtual machines for testing, installing VMware Tools is essential, because if you don't, you'll encounter some errors such as:

1. Virtual machine is not full screen.
2. Do not copy the data between the virtual machine and the real machine.
3. Could not update standard driver for virtual machine.
4. .

In the article below, TipsMake.com will introduce, guide you how to install the main VMware Tools for Kali Linux on VMware Workstation virtual machine.

Review the article on how to install Kali Linux on a virtual machine VmWare Workstation.

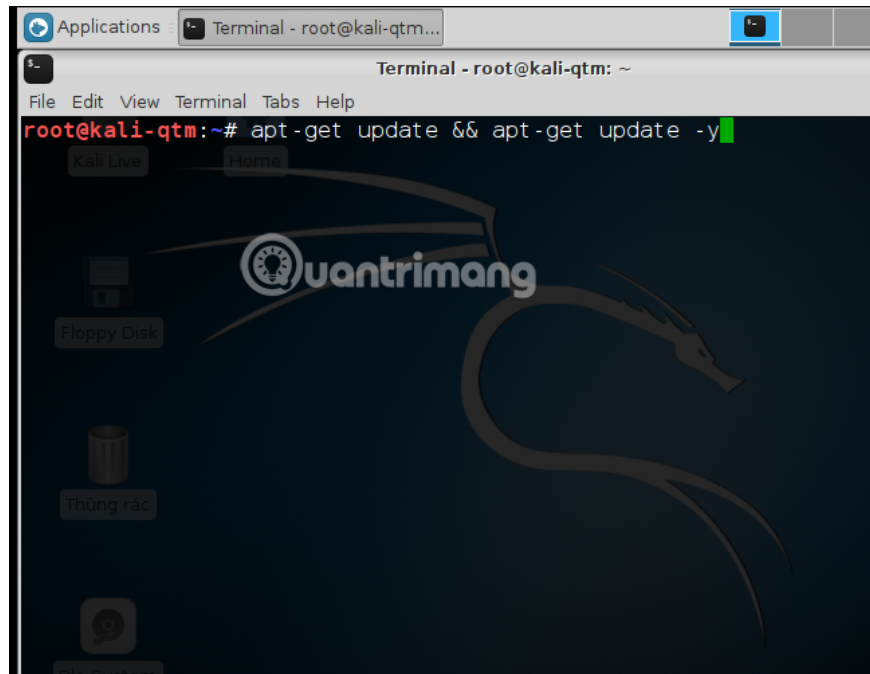
1. What is VMware Tools?

You can understand that it is a combination of utilities to increase the performance of virtual machines installed by VMware Workstation, interacting with real machines. And installing VMware Tools is essential. More information about VMware Tools can be found here.

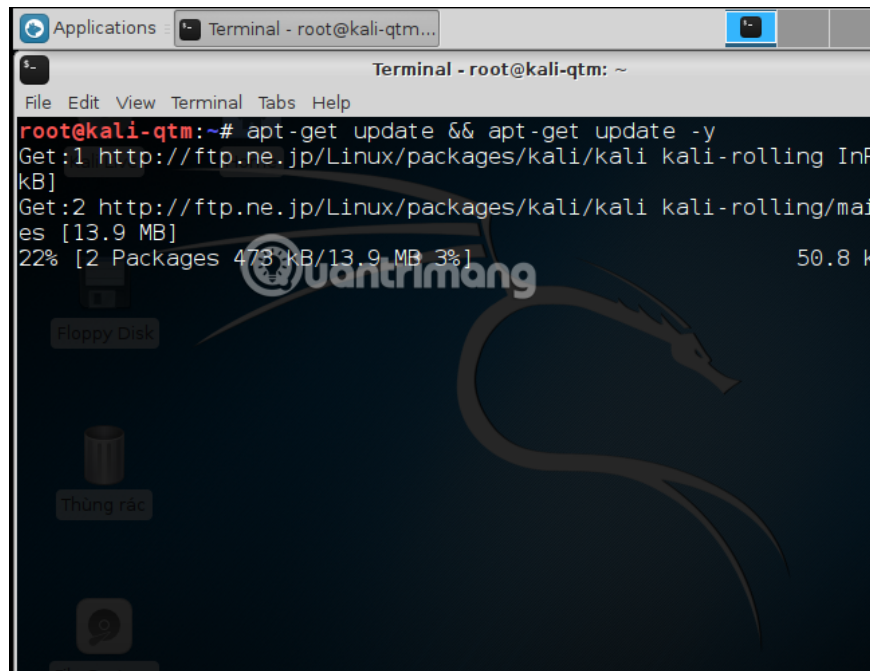
2. Steps to install VMware Tools on Kali Linux virtual machine:

First, we proceed to update, update Kali Linux. Open Terminal and type the following command:

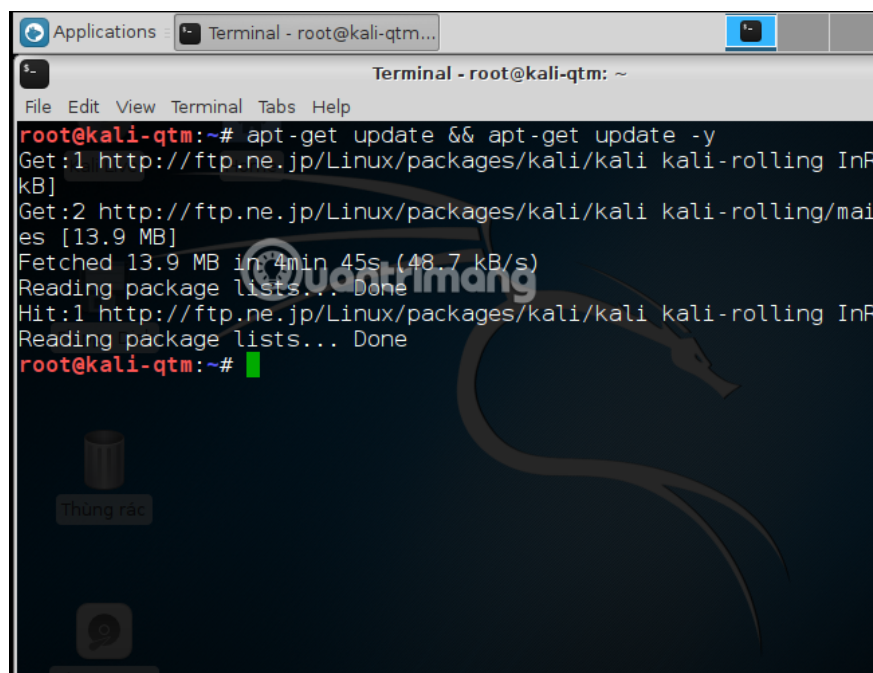
1. `apt-get update && apt-get upgrade -y`



The update process is running:



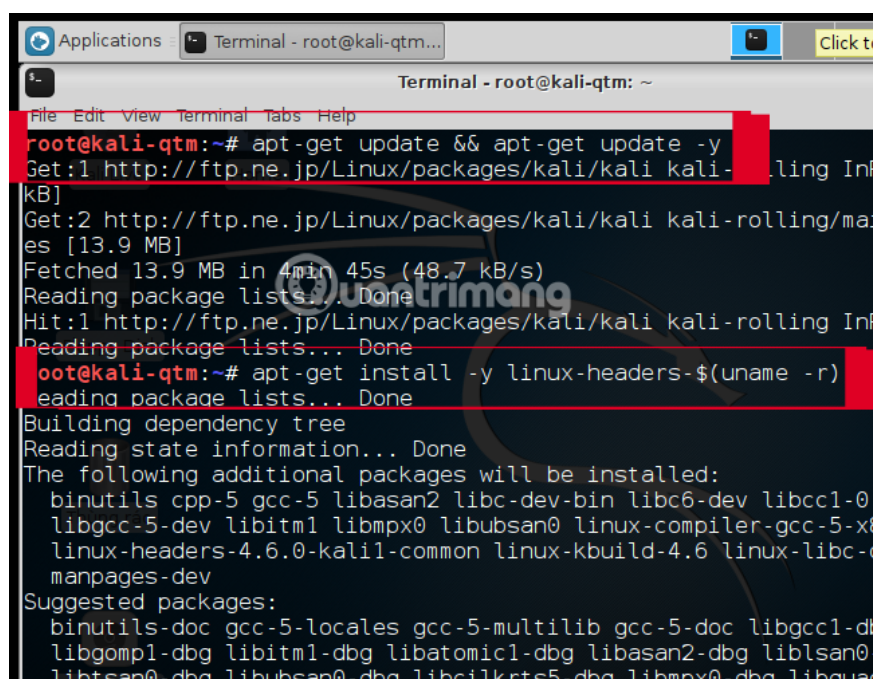
This is an update now.



```
Applications : Terminal - root@kali-qtm...
Terminal - root@kali-qtm: ~
File Edit View Terminal Tabs Help
root@kali-qtm:~# apt-get update && apt-get update -y
Get:1 http://ftp.ne.jp/Linux/packages/kali/kali kali-rolling InR
kB]
Get:2 http://ftp.ne.jp/Linux/packages/kali/kali kali-rolling/main
es [13.9 MB]
Fetched 13.9 MB in 4min 45s (48.7 kB/s)
Reading package lists... Done
Hit:1 http://ftp.ne.jp/Linux/packages/kali/kali kali-rolling InR
Reading package lists... Done
root@kali-qtm:~#
```

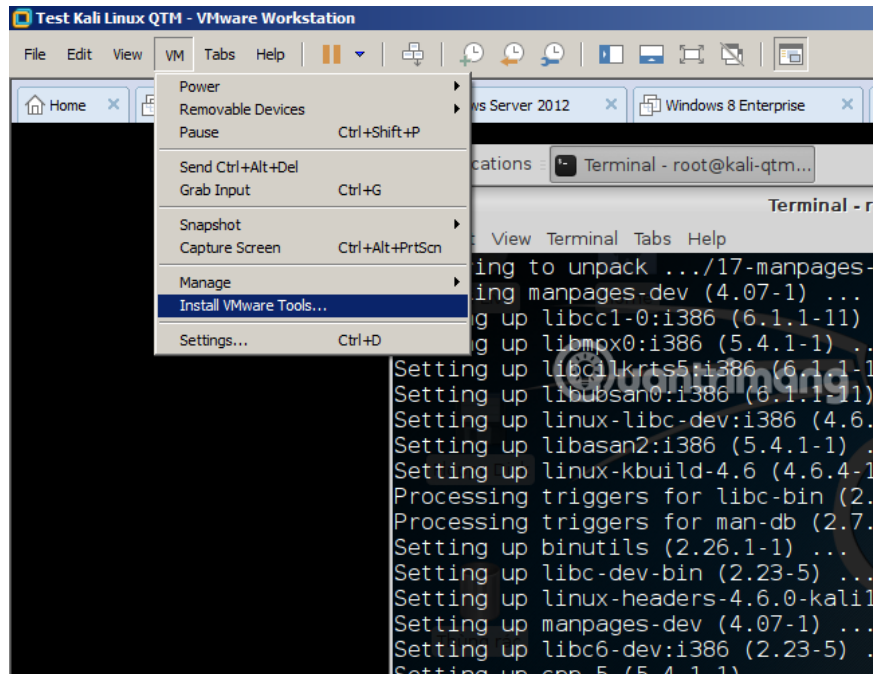
Next, we need to install Kali Linux 2 headers with the command:

1. `apt-get install -y linux-headers-$(uname -r)`

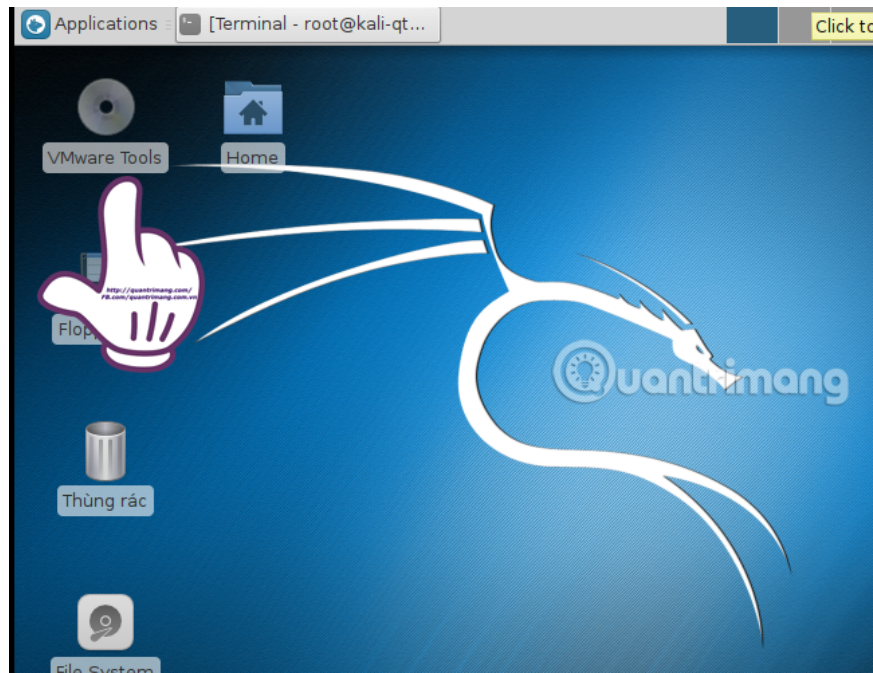


```
Applications : Terminal - root@kali-qtm...
Terminal - root@kali-qtm: ~
File Edit View Terminal Tabs Help
root@kali-qtm:~# apt-get update && apt-get update -y
Get:1 http://ftp.ne.jp/Linux/packages/kali/kali kali-rolling InR
kB]
Get:2 http://ftp.ne.jp/Linux/packages/kali/kali kali-rolling/main
es [13.9 MB]
Fetched 13.9 MB in 4min 45s (48.7 kB/s)
Reading package lists... Done
Hit:1 http://ftp.ne.jp/Linux/packages/kali/kali kali-rolling InR
Reading package lists... Done
root@kali-qtm:~# apt-get install -y linux-headers-$(uname -r)
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  binutils cpp-5 gcc-5 libasan2 libc-dev-bin libc6-dev libcc1-0
  libgcc-5-dev libitm1 libmpx0 libubsan0 linux-compiler-gcc-5-x8
  linux-headers-4.6.0-kali1-common linux-kbuild-4.6 linux-libc-d
  manpages-dev
Suggested packages:
  binutils-doc gcc-5-locales gcc-5-multilib gcc-5-doc libgcc1-db
  libgomp1-dbg libitm1-dbg libatomic1-dbg libasan2-dbg liblsan0-
  libtsan0-dbg libubsan0-dbg libcilkrts5-dbg libmpx0-dbg libquad
```

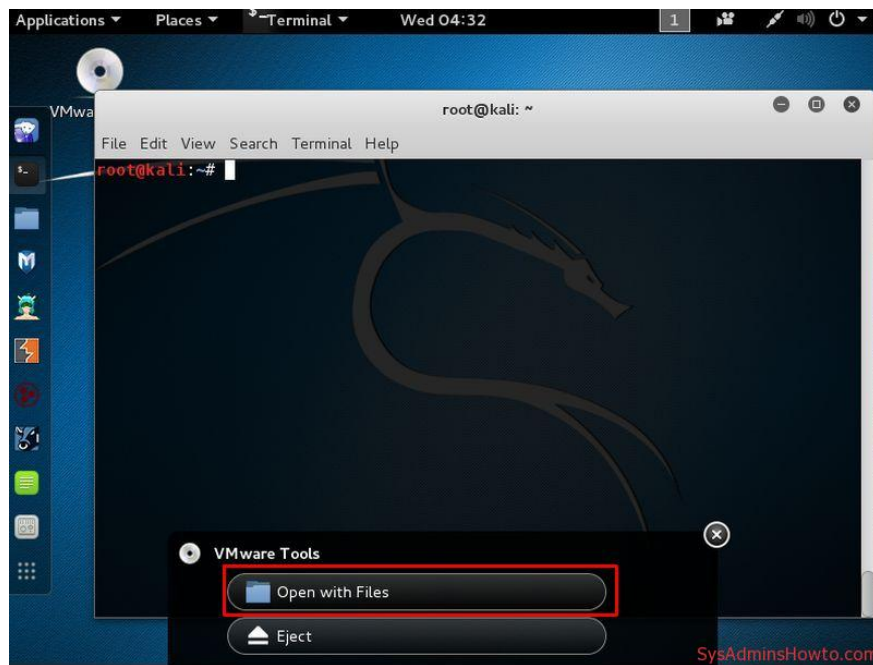
This installation process will take about 10 - 15 minutes. Once installed, go to the virtual machine menu (press Ctrl + Alt simultaneously) and select VM> Install VMware Tools as shown below. This will extract the virtual CD-ROM drive containing the VMware Tools installation files.



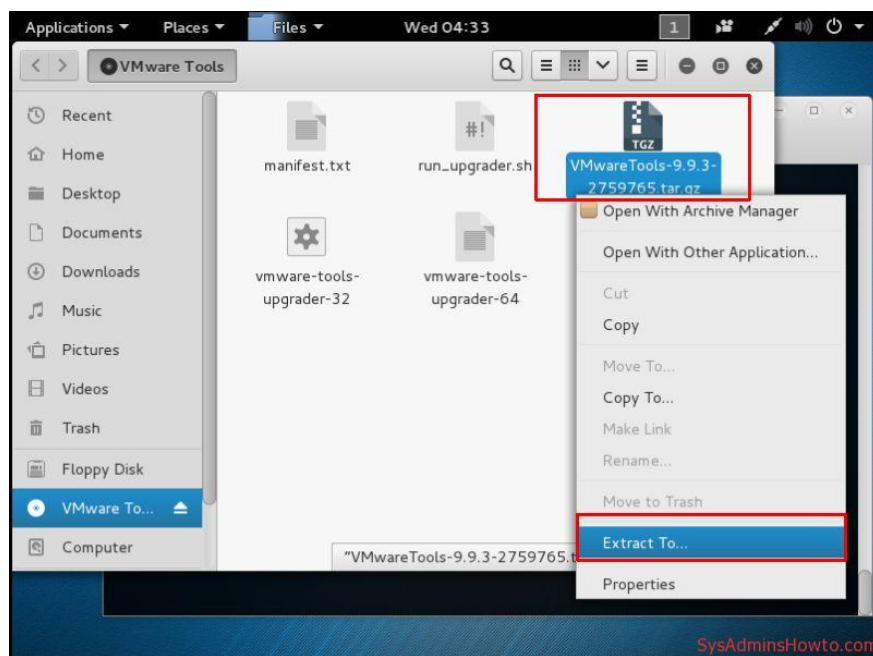
Just outside Kali Linux's Desktop will appear the icon of the VMware Tools installation disk:



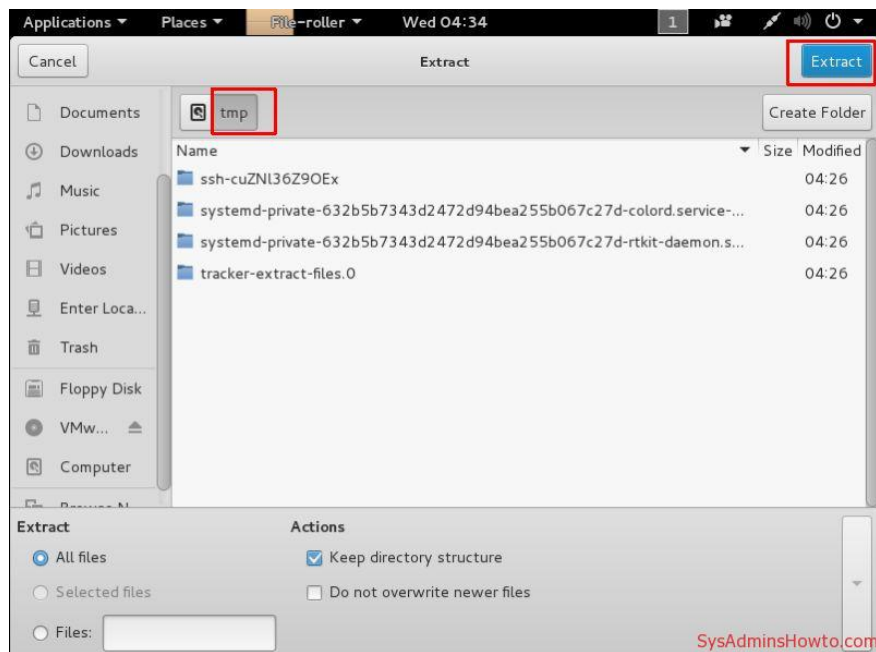
Click on Open With Files on the pop-up menu in Kali Linux.



Extract the file VMWareTools-9.x.tar.gz by right-clicking on the file and selecting Extract To.

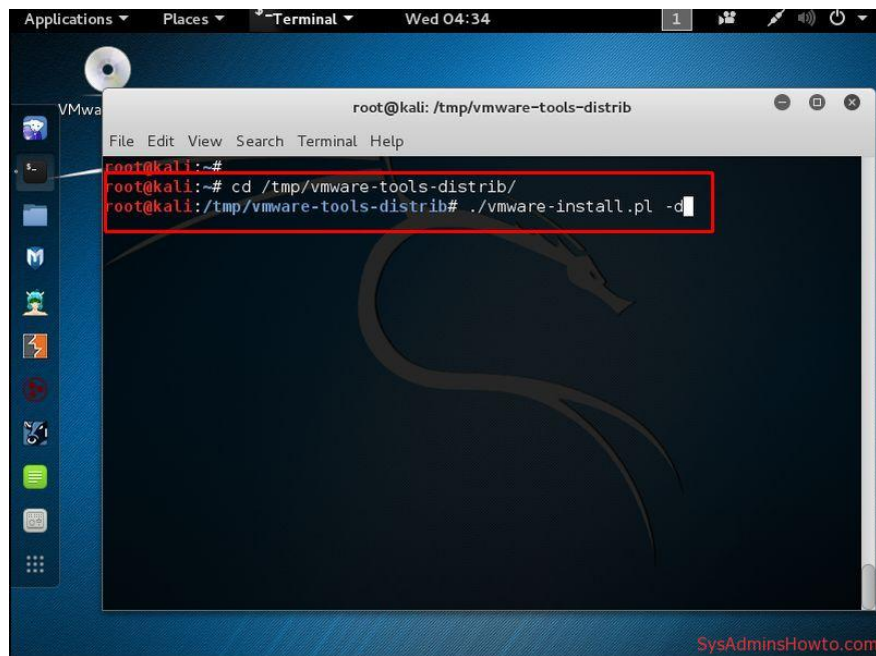


Select the folder containing the extract file, in this example the / tmp directory.



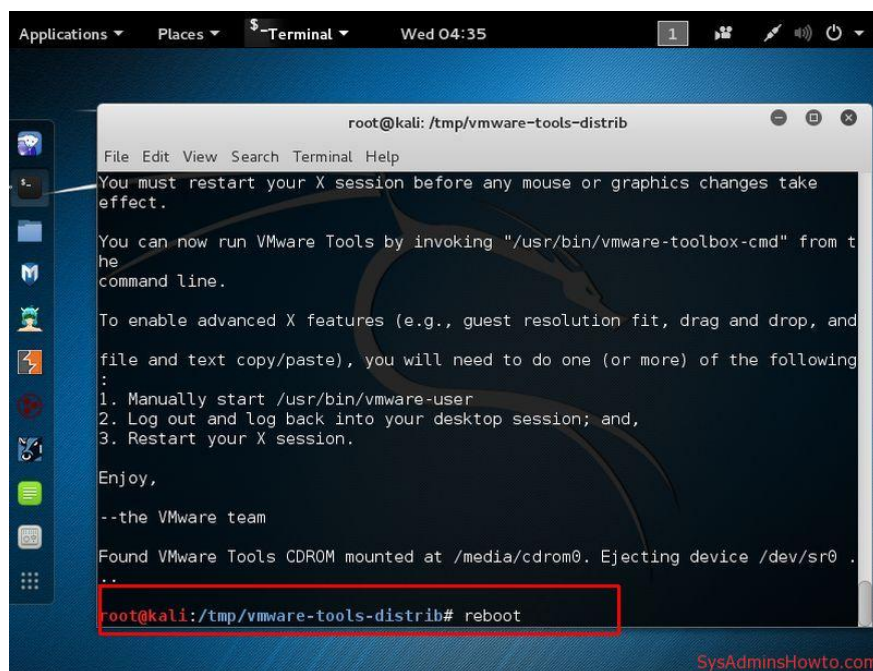
Now everything is ready to install VMware-Tools. Open the terminal, enter the following command to install VMware Tools on Kali Linux 2 with default parameters:

```
cd / tmp / vmware - tools - distrib /  
. / vmware - install .pl - d
```



After installation is complete, you need to restart the virtual machine.

```
reboot
```



Installation of VMware Tools on Kali Linux 2 is now complete. After Kali Linux 2 virtual machine starts, you can use the drag and drop file, change and customize the virtual machine screen.

Hope this article is useful to you, please like and share!

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