1. If the server is centos 7

   yum install open-vm-tools

2. Ensure that your Linux virtual machine is powered on.

3. If you are running a GUI interface, open a command shell.

   **Note**: Log in as a root user, or use the `sudo` command to complete each of these steps.

4. Click **VM** in the virtual machine menu, then click **Guest > Install/Upgrade VMware Tools**.

   **Note:** Balloon driver must be disabled. For disabling balloon driver, click the Custom Settings option, and deselect the Memory Control Drivers.

5. Click **OK**.

   **Note**: In some cases, verify that the CDROM device is **Connected** from within the **Edit Settings** option of the virtual machine.

6. To create a mount point, run:

```
mkdir /mnt/cdrom
```

7. To mount the CDROM, run:

```
mount /dev/cdrom /mnt/cdrom
```

8. To copy the Compiler `gzip tar` file to a temporary local directory, run:
   To determine the version of VMware tools, run:

```
ls /mnt/cdrom
```

You see output similar to:

```
# VMwareTools-5.0.0-12124.tar.gz
```

Where *`version`* is the VMware Tools package version.

```
cp /mnt/cdrom/VMwareTools-version.tar.gz /tmp/
```

(EX: # VMwareTools-5.0.0-12124.tar.gz)

9. To change to the `tmp` directory and extract the contents of the tar file into a new directory called `vmware-tools-distrib`, run:

```
cd /tmp
tar -zxvf VMwareTools-version.tar.gz
```

10. To change directory to `vmware-tools-distrib` and run the `vmware-install.pl` PERL script to install VMware Tools, run:

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

Creating a new VMware Tools installer database using the tar4 format.

Installing VMware Tools.

In which directory do you want to install the binary files?
[/usr/bin]

What is the directory that contains the init directories (rc0.d/ to rc6.d/)?
[/etc/rc.d]

What is the directory that contains the init scripts?
[/etc/rc.d/init.d]

In which directory do you want to install the daemon files?
[/usr/sbin]

In which directory do you want to install the library files?
[/usr/lib/vmware-tools]

The path "/usr/lib/vmware-tools" does not exist currently. This program is

going to create it, including needed parent directories. Is this what you want? [yes]

In which directory do you want to install the documentation files? [/usr/share/doc/vmware-tools]

The path "/usr/share/doc/vmware-tools" does not exist currently. This program is going to create it, including needed parent directories. Is this what you want? [yes]

The installation of VMware Tools 9.4.10 build-2068191 for Linux completed successfully. You can decide to remove this software from your system at any time by invoking the following command: "/usr/bin/vmware-uninstall-tools.pl".

Before running VMware Tools for the first time, you need to configure it by invoking the following command: "/usr/bin/vmware-config-tools.pl". Do you want this program to invoke the command for you now? [yes]

Initializing...

Making sure services for VMware Tools are stopped.

Stopping VMware Tools services in the virtual machine:
Guest operating system daemon: [ OK ]
Unmounting HGFS shares: [ OK ]
Guest filesystem driver: [ OK ]

The VMware FileSystem Sync Driver (vmsync) allows external third-party backup software that is integrated with vSphere to create backups of the virtual machine. Do you wish to enable this feature? [no]

Found a compatible pre-built module for vmci. Installing it...

Found a compatible pre-built module for vsock. Installing it...

Found a compatible pre-built module for vmxnet3. Installing it...

Found a compatible pre-built module for pvscsi. Installing it...

Found a compatible pre-built module for vmmemctl. Installing it...

The VMware Host-Guest Filesystem allows for shared folders between the host OS and the guest OS in a Fusion or Workstation virtual environment. Do you wish to enable this feature? [no]

Found a compatible pre-built module for vmxnet. Installing it...

The vmblock enables dragging or copying files between host and guest in a
Fusion or Workstation virtual environment. Do you wish to enable this feature?
[no]

VMware automatic kernel modules enables automatic building and installation of
VMware kernel modules at boot that are not already present. This feature can be

enabled/disabled by re-running vmware-config-tools.pl.

Would you like to enable VMware automatic kernel modules?
[no] **yes**

No X install found.

Creating a new initrd boot image for the kernel.
Checking acpi hot plug [ OK ]
Starting VMware Tools services in the virtual machine:
Switching to guest configuration: [ OK ]
VMware Automatic Kmods: [ OK ]
Paravirtual SCSI module: [ OK ]
Guest memory manager: [ OK ]
VM communication interface: [ OK ]
VM communication interface socket family: [ OK ]
Guest operating system daemon: [ OK ]
The configuration of VMware Tools 9.4.10 build-2068191 for Linux for this
running kernel completed successfully.

You must restart your X session before any mouse or graphics changes take
effect.

You can now run VMware Tools by invoking "/usr/bin/vmware-toolbox-cmd" from the
command line.

To enable advanced X features (e.g., guest resolution fit, drag and drop, and
file and text copy/paste), you will need to do one (or more) of the following:
1. Manually start /usr/bin/vmware-user
2. Log out and log back into your desktop session; and,
3. Restart your X session.

Enjoy,

--the VMware team

Found VMware Tools CDROM mounted at /root/dvd. Ejecting device /dev/dvd ...
[root@arge03 vmware-tools-distrib]#

**VMTOOLS control için,**

[root@tegsoft ~]# ps auxw|grep vm
root 2521 0.0 0.0 0 0 ? S< 10:26 0:00 **[vmmemctl]**
root 2694 0.0 0.0 133876 4148 ? S 10:26 0:01 **/usr/sbin/vmtoolsd**

[root@tegsoft ~]# lsmod |grep vm
vmmemctl 46424 0
vmci 119232 1 vsock