RPM-Installation
```
[root@localhost ~]# df  -h
Filesystem       Size  Used Avail Use% Mounted on
/dev/sda2         15G  2.9G   12G  20% /
devtmpfs         906M     0  906M   0% /dev
tmpfs            914M   80K  914M   1% /dev/shm
tmpfs            914M  8.9M  905M   1% /run
tmpfs            914M     0  914M   0% /sys/fs/cgroup
/dev/sda1        497M  116M  382M  24% /boot
/dev/sr0         3.5G  3.5G     0 100%
/run/media/root/RHEL-7.0 Server.x86_64
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# mkdir /redhatdvd
[root@localhost ~]#
[root@localhost ~]# cd  /run/media/root
[root@localhost root]#
[root@localhost root]# ls
RHEL-7.0 Server.x86_64
[root@localhost root]#
[root@localhost root]# cd  RHEL-7.0\ Server.x86_64
[root@localhost RHEL-7.0 Server.x86_64]#
[root@localhost RHEL-7.0 Server.x86_64]# ls
addons  GPL       LiveOS      release-notes
RPM-GPG-KEY-redhat-release
EFI     images    media.repo  repodata
TRANS.TBL
EULA    isolinux  Packages    RPM-GPG-KEY-redhat-beta
[root@localhost RHEL-7.0 Server.x86_64]#
[root@localhost RHEL-7.0 Server.x86_64]# cp  -rf    *
/redhatdvd
[root@localhost RHEL-7.0 Server.x86_64]#
[root@localhost RHEL-7.0 Server.x86_64]# cd
```

RPM-Installation

```
[root@localhost ~]#
[root@localhost ~]# ls  /redhatdvd
addons  GPL       LiveOS       release-notes
RPM-GPG-KEY-redhat-release
EFI     images    media.repo  repodata
TRANS.TBL
EULA    isolinux  Packages     RPM-GPG-KEY-redhat-beta
[root@localhost ~]#
[root@localhost ~]# eject
[root@localhost ~]#
```

       OR

How to Download or copy DVD rpm's in Redhat Lab ?


```
[root@server0 ~]# ping 172.25.254.254
[root@server0 ~]# mkdir  /redhatdvd
```


Step-2
```
[root@localhost ~]# rpm -qa
[root@localhost ~]#
[root@localhost ~]# rpm -qa    | wc -l
1189
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm -qa     tar
tar-1.26-29.el7.x86_64
[root@localhost ~]#
```

RPM-Installation

```
[root@localhost ~]#
[root@localhost ~]# rpm -qa    zip
zip-3.0-10.el7.x86_64
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm -qa    unzip
unzip-6.0-13.el7.x86_64
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm -qa   setup
setup-2.8.71-4.el7.noarch
[root@localhost ~]#
[root@localhost ~]# rpm -qa    tree
[root@localhost ~]#
[root@localhost ~]# rpm -qa    ftp
[root@localhost ~]#
[root@localhost ~]# rpm -qa     vsftpd
[root@localhost ~]#
[root@localhost ~]# rpm -qa     vim*
vim-minimal-7.4.160-1.el7.x86_64
vim-filesystem-7.4.160-1.el7.x86_64
vim-common-7.4.160-1.el7.x86_64
vim-enhanced-7.4.160-1.el7.x86_64
[root@localhost ~]#
[root@localhost ~]# rpm -qa     | grep vim
vim-minimal-7.4.160-1.el7.x86_64
vim-filesystem-7.4.160-1.el7.x86_64
vim-common-7.4.160-1.el7.x86_64
vim-enhanced-7.4.160-1.el7.x86_64
[root@localhost ~]#
[root@localhost ~]# rpm -qa     | grep  tar
libtar-1.2.11-28.el7.x86_64
```

RPM-Installation

```
pykickstart-1.99.43.10-1.el7.noarch
gnome-getting-started-docs-3.8.3.0.2-3.el7.noarch
python-deltarpm-3.6-3.el7.x86_64
selinux-policy-targeted-3.12.1-153.el7.noarch
startup-notification-0.12-8.el7.x86_64
deltarpm-3.6-3.el7.x86_64
tar-1.26-29.el7.x86_64
abattis-cantarell-fonts-0.0.12-3.el7.noarch
[root@localhost ~]#
[root@localhost ~]# rpm -qa    *tar*
libtar-1.2.11-28.el7.x86_64
pykickstart-1.99.43.10-1.el7.noarch
gnome-getting-started-docs-3.8.3.0.2-3.el7.noarch
python-deltarpm-3.6-3.el7.x86_64
selinux-policy-targeted-3.12.1-153.el7.noarch
startup-notification-0.12-8.el7.x86_64
deltarpm-3.6-3.el7.x86_64
tar-1.26-29.el7.x86_64
abattis-cantarell-fonts-0.0.12-3.el7.noarch

[root@localhost ~]# rpm -qa  --last

[root@localhost ~]# rpm -qa  zip   --last
zip-3.0-10.el7.x86_64                     Wed 12 Jun
2019 11:50:27 PM IST
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm -qa  tar    --last
tar-1.26-29.el7.x86_64                    Wed 12 Jun
2019 11:44:26 PM IST
[root@localhost ~]#
[root@localhost ~]#
```

RPM-Installation
```
[root@localhost ~]# rpm -qa  tree
[root@localhost ~]#
[root@localhost ~]# rpm  -e   zip
[root@localhost ~]#
[root@localhost ~]# rpm -qa  zip
[root@localhost ~]#
[root@localhost ~]# zip
bash: zip: command not found...
[root@localhost ~]#
[root@localhost ~]# rpm   -qa  vim*
vim-minimal-7.4.160-1.el7.x86_64
vim-filesystem-7.4.160-1.el7.x86_64
vim-common-7.4.160-1.el7.x86_64
vim-enhanced-7.4.160-1.el7.x86_64
[root@localhost ~]#
[root@localhost ~]# rpm -e  vim-enhanced
[root@localhost ~]#
[root@localhost ~]# vim    xyz
bash: vim: command not found...
[root@localhost ~]#
[root@localhost ~]# rpm -e   tar
error: Failed dependencies:
        tar is needed by (installed)
sos-3.0-23.el7.noarch
[root@localhost ~]#
[root@localhost ~]# rpm -e   tar   --nodeps
[root@localhost ~]#
[root@localhost ~]# rpm -qa  tar
[root@localhost ~]#

[root@localhost ~]#
[root@localhost ~]# cd /redhatdvd
```

RPM-Installation

```
[root@localhost redhatdvd]#
[root@localhost redhatdvd]# ls
addons  GPL        LiveOS       release-notes
RPM-GPG-KEY-redhat-release
EFI     images    media.repo  repodata
TRANS.TBL
EULA    isolinux  Packages     RPM-GPG-KEY-redhat-beta
[root@localhost redhatdvd]#
[root@localhost redhatdvd]# cd  Packages
[root@localhost Packages]#
[root@localhost Packages]# ls
[root@localhost Packages]#
[root@localhost Packages]# rpm  -ivh
vsftpd-3.0.2-9.el7.x86_64.rpm
warning: vsftpd-3.0.2-9.el7.x86_64.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
################################ [100%]
Updating / installing...
   1:vsftpd-3.0.2-9.el7
################################ [100%]
[root@localhost Packages]#
[root@localhost Packages]#
[root@localhost Packages]# rpm   -iv
tree-1.6.0-10.el7.x86_64.rpm
warning: tree-1.6.0-10.el7.x86_64.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing packages...
tree-1.6.0-10.el7.x86_64
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
ftp-0.17-66.el7.x86_64.rpm
```

RPM-Installation

```
warning: ftp-0.17-66.el7.x86_64.rpm: Header V3 RSA/SHA256
Signature, key ID fd431d51: NOKEY
Preparing...
################################ [100%]
Updating / installing...
   1:ftp-0.17-66.el7
################################ [100%]
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
vim-enhanced-7.4.160-1.el7.x86_64.rpm
warning: vim-enhanced-7.4.160-1.el7.x86_64.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
################################ [100%]
Updating / installing...
   1:vim-enhanced-2:7.4.160-1.el7
################################ [100%]
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
zip-3.0-10.el7.x86_64.rpm
warning: zip-3.0-10.el7.x86_64.rpm: Header V3 RSA/SHA256
Signature, key ID fd431d51: NOKEY
Preparing...
################################ [100%]
Updating / installing...
   1:zip-3.0-10.el7
################################ [100%]
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
zip-3.0-10.el7.x86_64.rpm
warning: zip-3.0-10.el7.x86_64.rpm: Header V3 RSA/SHA256
Signature, key ID fd431d51: NOKEY
```

RPM-Installation
```
Preparing...
############################### [100%]
        package zip-3.0-10.el7.x86_64 is already
installed
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
zip-3.0-10.el7.x86_64.rpm    --force
warning: zip-3.0-10.el7.x86_64.rpm: Header V3 RSA/SHA256
Signature, key ID fd431d51: NOKEY
Preparing...
############################### [100%]
Updating / installing...
   1:zip-3.0-10.el7
############################### [100%]
[root@localhost Packages]#
[root@localhost Packages]#
[root@localhost Packages]# rpm  -ivh  tar
tar-1.26-29.el7.x86_64.rpm
targetd-0.7.1-1.el7.noarch.rpm
targetcli-2.1.fb34-1.el7.noarch.rpm

[root@localhost Packages]# rpm  -ivh
tar-1.26-29.el7.x86_64.rpm
warning: tar-1.26-29.el7.x86_64.rpm: Header V3 RSA/SHA256
Signature, key ID fd431d51: NOKEY
Preparing...
############################### [100%]
Updating / installing...
   1:tar-2:1.26-29.el7
############################### [100%]
[root@localhost Packages]#
[root@localhost Packages]#
```

RPM-Installation

```
[root@localhost Packages]# cd
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm   -qa   vsftpd   tree   zip   tar
ftp  vim-enhanced
tar-1.26-29.el7.x86_64
tree-1.6.0-10.el7.x86_64
vsftpd-3.0.2-9.el7.x86_64
vim-enhanced-7.4.160-1.el7.x86_64
ftp-0.17-66.el7.x86_64
zip-3.0-10.el7.x86_64
[root@localhost ~]#
```

How to install any rpm with step by step dependancies
resolution ?

```
[root@localhost ~]# cd  /redhatdvd/Packages
[root@localhost Packages]#
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
targetcli-2.1.fb34-1.el7.noarch.rpm
warning: targetcli-2.1.fb34-1.el7.noarch.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
error: Failed dependencies:
        python-configshell is needed by
targetcli-2.1.fb34-1.el7.noarch
        python-rtslib >= 2.1.fb41 is needed by
targetcli-2.1.fb34-1.el7.noarch
[root@localhost Packages]#
```

RPM-Installation

```
[root@localhost Packages]#
[root@localhost Packages]# rpm  -ivh
python-configshell-1.1.fb11-3.el7.noarch.rpm
warning: python-configshell-1.1.fb11-3.el7.noarch.rpm:
Header V3 RSA/SHA256 Signature, key ID fd431d51: NOKEY
error: Failed dependencies:
        pyparsing is needed by
python-configshell-1:1.1.fb11-3.el7.noarch
        python-urwid is needed by
python-configshell-1:1.1.fb11-3.el7.noarch
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
pyparsing-1.5.6-9.el7.noarch.rpm
warning: pyparsing-1.5.6-9.el7.noarch.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
################################ [100%]
Updating / installing...
   1:pyparsing-1.5.6-9.el7
################################ [100%]
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
python-urwid-1.1.1-3.el7.x86_64.rpm
warning: python-urwid-1.1.1-3.el7.x86_64.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
################################ [100%]
Updating / installing...
   1:python-urwid-1.1.1-3.el7
################################ [100%]
[root@localhost Packages]#
[root@localhost Packages]# rpm  -ivh
```

RPM-Installation

```
python-configshell-1.1.fb11-3.el7.noarch.rpm
warning: python-configshell-1.1.fb11-3.el7.noarch.rpm:
Header V3 RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
################################ [100%]
Updating / installing...

1:python-configshell-1:1.1.fb11-3.e###################
########### [100%]
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
python-rtslib-2.1.fb46-1.el7.noarch.rpm
warning: python-rtslib-2.1.fb46-1.el7.noarch.rpm: Header
V3 RSA/SHA256 Signature, key ID fd431d51: NOKEY
error: Failed dependencies:
        python-kmod is needed by
python-rtslib-2.1.fb46-1.el7.noarch
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
python-kmod-0.9-4.el7.x86_64.rpm
warning: python-kmod-0.9-4.el7.x86_64.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
################################ [100%]
Updating / installing...
    1:python-kmod-0.9-4.el7
################################ [100%]
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
python-rtslib-2.1.fb46-1.el7.noarch.rpm
warning: python-rtslib-2.1.fb46-1.el7.noarch.rpm: Header
V3 RSA/SHA256 Signature, key ID fd431d51: NOKEY
```

RPM-Installation

```
Preparing...
################################ [100%]
Updating / installing...
   1:python-rtslib-2.1.fb46-1.el7
################################ [100%]
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
targetcli-2.1.fb34-1.el7.noarch.rpm
warning: targetcli-2.1.fb34-1.el7.noarch.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
################################ [100%]
Updating / installing...
   1:targetcli-2.1.fb34-1.el7
################################ [100%]
[root@localhost Packages]#
[root@localhost Packages]# cd
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm -qa  targetcli
targetcli-2.1.fb34-1.el7.noarch
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# systemctl  start  target
[root@localhost ~]# systemctl  enable   target
ln -s '/usr/lib/systemd/system/target.service'
'/etc/systemd/system/multi-user.target.wants/target.servi
ce'
[root@localhost ~]#
[root@localhost ~]# rpm -qR  targetcli
/usr/bin/python
python(abi) = 2.7
```

```
python-configshell
python-ethtool
python-rtslib >= 2.1.fb41
rpmlib(CompressedFileNames) <= 3.0.4-1
rpmlib(FileDigests) <= 4.6.0-1
rpmlib(PartialHardlinkSets) <= 4.0.4-1
rpmlib(PayloadFilesHavePrefix) <= 4.0-1
rpmlib(PayloadIsXz) <= 5.2-1
[root@localhost ~]#
[root@localhost ~]# cd  /redhatdvd/Packages
[root@localhost Packages]#
[root@localhost Packages]# rpm -qpR
targetcli-2.1.fb34-1.el7.noarch.rpm
warning: targetcli-2.1.fb34-1.el7.noarch.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
/usr/bin/python
python(abi) = 2.7
python-configshell
python-ethtool
python-rtslib >= 2.1.fb41
rpmlib(CompressedFileNames) <= 3.0.4-1
rpmlib(FileDigests) <= 4.6.0-1
rpmlib(PartialHardlinkSets) <= 4.0.4-1
rpmlib(PayloadFilesHavePrefix) <= 4.0-1
rpmlib(PayloadIsXz) <= 5.2-1

[root@localhost Packages]# cd
[root@localhost ~]#

[root@localhost ~]# rpm -qa  vsftpd
vsftpd-3.0.2-9.el7.x86_64
[root@localhost ~]#
```

RPM-Installation

```
[root@localhost ~]# rpm -qi    vsftpd
Name          : vsftpd
Version       : 3.0.2
Release       : 9.el7
Architecture: x86_64
Install Date: Thu 27 Jun 2019 09:29:15 AM IST
Group         : System Environment/Daemons
Size          : 351462
License       : GPLv2 with exceptions
Signature     : RSA/SHA256, Thu 03 Apr 2014 03:24:58 AM
IST, Key ID 199e2f91fd431d51
Source RPM  : vsftpd-3.0.2-9.el7.src.rpm
Build Date  : Fri 07 Mar 2014 03:28:22 PM IST
Build Host  : x86-025.build.eng.bos.redhat.com
Relocations : (not relocatable)
Packager    : Red Hat, Inc.
<http://bugzilla.redhat.com/bugzilla>
Vendor        : Red Hat, Inc.
URL           : https://security.appspot.com/vsftpd.html
Summary       : Very Secure Ftp Daemon
Description :
vsftpd is a Very Secure FTP daemon. It was written
completely from
scratch.
[root@localhost ~]# rpm -qi  tree
Name          : tree
Version       : 1.6.0
Release       : 10.el7
Architecture: x86_64
Install Date: Thu 27 Jun 2019 09:29:39 AM IST
Group         : Applications/File
Size          : 89505
```

RPM-Installation
```
License      : GPLv2+
Signature    : RSA/SHA256, Thu 03 Apr 2014 03:03:48 AM
IST, Key ID 199e2f91fd431d51
Source RPM   : tree-1.6.0-10.el7.src.rpm
Build Date   : Mon 27 Jan 2014 10:59:58 PM IST
Build Host   : x86-020.build.eng.bos.redhat.com
Relocations  : (not relocatable)
Packager     : Red Hat, Inc.
<http://bugzilla.redhat.com/bugzilla>
Vendor       : Red Hat, Inc.
URL          : http://mama.indstate.edu/users/ice/tree/
Summary      : File system tree viewer
Description  :
The tree utility recursively displays the contents of
directories in a
tree-like format.  Tree is basically a UNIX port of the
DOS tree
utility.
[root@localhost ~]#
[root@localhost ~]# which tree
/usr/bin/tree
[root@localhost ~]#
[root@localhost ~]# ls  /usr/bin | wc -l
1551
[root@localhost ~]#
[root@localhost ~]# ls  /usr/sbin | wc -l
622
[root@localhost ~]# which   vsftpd
/usr/sbin/vsftpd
[root@localhost ~]#
[root@localhost ~]# mkdir -p   /data/a1/a2/a3/a4
[root@localhost ~]#
```

```
[root@localhost ~]# ls /data
a1
[root@localhost ~]#
[root@localhost ~]# tree    /data
/data
└── a1
    └── a2
        └── a3
            └── a4

4 directories, 0 files
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm  -qd    tree
/usr/share/doc/tree-1.6.0/LICENSE
/usr/share/doc/tree-1.6.0/README
/usr/share/man/man1/tree.1.gz
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm  -qd    vsftpd
/usr/share/doc/vsftpd-3.0.2/AUDIT
/usr/share/doc/vsftpd-3.0.2/BENCHMARKS
/usr/share/doc/vsftpd-3.0.2/BUGS
/usr/share/doc/vsftpd-3.0.2/COPYING
/usr/share/doc/vsftpd-3.0.2/Changelog
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE/README.
configuration
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE/vsftpd.
conf
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE/vsftpd.
```

xinetd
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE_NOINETD
/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE_NOINETD
/README.configuration
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE_NOINETD
/vsftpd.conf
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/PER_IP_CONFIG/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/PER_IP_CONFIG/README.
configuration
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/PER_IP_CONFIG/hosts.a
llow
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_HOSTS/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/README.
configuration
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/logins.
txt
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/vsftpd.
conf
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/vsftpd.
pam
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS_2/READM
E
/usr/share/doc/vsftpd-3.0.2/FAQ
/usr/share/doc/vsftpd-3.0.2/INSTALL
/usr/share/doc/vsftpd-3.0.2/LICENSE
/usr/share/doc/vsftpd-3.0.2/README
/usr/share/doc/vsftpd-3.0.2/README.security
/usr/share/doc/vsftpd-3.0.2/REWARD
/usr/share/doc/vsftpd-3.0.2/SECURITY/DESIGN

```
/usr/share/doc/vsftpd-3.0.2/SECURITY/IMPLEMENTATION
/usr/share/doc/vsftpd-3.0.2/SECURITY/OVERVIEW
/usr/share/doc/vsftpd-3.0.2/SECURITY/TRUST
/usr/share/doc/vsftpd-3.0.2/SIZE
/usr/share/doc/vsftpd-3.0.2/SPEED
/usr/share/doc/vsftpd-3.0.2/TODO
/usr/share/doc/vsftpd-3.0.2/TUNING
/usr/share/doc/vsftpd-3.0.2/vsftpd.xinetd
/usr/share/man/man5/vsftpd.conf.5.gz
/usr/share/man/man8/vsftpd.8.gz
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm -qc   vsftpd
/etc/logrotate.d/vsftpd
/etc/pam.d/vsftpd
/etc/vsftpd/ftpusers
/etc/vsftpd/user_list
/etc/vsftpd/vsftpd.conf
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm -ql   tree
/usr/bin/tree
/usr/share/doc/tree-1.6.0
/usr/share/doc/tree-1.6.0/LICENSE
/usr/share/doc/tree-1.6.0/README
/usr/share/man/man1/tree.1.gz
[root@localhost ~]#
[root@localhost ~]# rpm -ql  vsftpd
/etc/logrotate.d/vsftpd
/etc/pam.d/vsftpd
/etc/vsftpd
/etc/vsftpd/ftpusers
```

/etc/vsftpd/user_list
/etc/vsftpd/vsftpd.conf
/etc/vsftpd/vsftpd_conf_migrate.sh
/usr/lib/systemd/system-generators/vsftpd-generator
/usr/lib/systemd/system/vsftpd.service
/usr/lib/systemd/system/vsftpd.target
/usr/lib/systemd/system/vsftpd@.service
/usr/sbin/vsftpd
/usr/share/doc/vsftpd-3.0.2
/usr/share/doc/vsftpd-3.0.2/AUDIT
/usr/share/doc/vsftpd-3.0.2/BENCHMARKS
/usr/share/doc/vsftpd-3.0.2/BUGS
/usr/share/doc/vsftpd-3.0.2/COPYING
/usr/share/doc/vsftpd-3.0.2/Changelog
/usr/share/doc/vsftpd-3.0.2/EXAMPLE
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE/README.
configuration
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE/vsftpd.
conf
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE/vsftpd.
xinetd
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE_NOINETD
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE_NOINETD
/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE_NOINETD
/README.configuration
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/INTERNET_SITE_NOINETD
/vsftpd.conf
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/PER_IP_CONFIG
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/PER_IP_CONFIG/README

```
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/PER_IP_CONFIG/README.
configuration
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/PER_IP_CONFIG/hosts.a
llow
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_HOSTS
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_HOSTS/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/README
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/README.
configuration
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/logins.
txt
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/vsftpd.
conf
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS/vsftpd.
pam
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS_2
/usr/share/doc/vsftpd-3.0.2/EXAMPLE/VIRTUAL_USERS_2/READM
E
/usr/share/doc/vsftpd-3.0.2/FAQ
/usr/share/doc/vsftpd-3.0.2/INSTALL
/usr/share/doc/vsftpd-3.0.2/LICENSE
/usr/share/doc/vsftpd-3.0.2/README
/usr/share/doc/vsftpd-3.0.2/README.security
/usr/share/doc/vsftpd-3.0.2/REWARD
/usr/share/doc/vsftpd-3.0.2/SECURITY
/usr/share/doc/vsftpd-3.0.2/SECURITY/DESIGN
/usr/share/doc/vsftpd-3.0.2/SECURITY/IMPLEMENTATION
/usr/share/doc/vsftpd-3.0.2/SECURITY/OVERVIEW
/usr/share/doc/vsftpd-3.0.2/SECURITY/TRUST
/usr/share/doc/vsftpd-3.0.2/SIZE
```

```
/usr/share/doc/vsftpd-3.0.2/SPEED
/usr/share/doc/vsftpd-3.0.2/TODO
/usr/share/doc/vsftpd-3.0.2/TUNING
/usr/share/doc/vsftpd-3.0.2/vsftpd.xinetd
/usr/share/man/man5/vsftpd.conf.5.gz
/usr/share/man/man8/vsftpd.8.gz
/var/ftp
/var/ftp/pub

[root@localhost ~]# rpm -qc   vsftpd
/etc/logrotate.d/vsftpd
/etc/pam.d/vsftpd
/etc/vsftpd/ftpusers
/etc/vsftpd/user_list
/etc/vsftpd/vsftpd.conf
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# rpm -qf   /etc/vsftpd/vsftpd.conf
vsftpd-3.0.2-9.el7.x86_64
[root@localhost ~]#
[root@localhost ~]# rpm -qf   /etc/passwd
setup-2.8.71-4.el7.noarch
[root@localhost ~]#
[root@localhost ~]# rpm -qf   /etc/inittab
initscripts-9.49.17-1.el7.x86_64

[root@localhost ~]#
[root@localhost ~]# which    useradd
/usr/sbin/useradd
[root@localhost ~]#
[root@localhost ~]# which    fdisk
/usr/sbin/fdisk
```

RPM-Installation

```
[root@localhost ~]#
[root@localhost ~]# which   nmcli
/usr/bin/nmcli
[root@localhost ~]#
[root@localhost ~]# rpm -qf   /usr/sbin/useradd
shadow-utils-4.1.5.1-13.el7.x86_64
[root@localhost ~]#
[root@localhost ~]# rpm -qf   /usr/sbin/fdisk
util-linux-2.23.2-16.el7.x86_64
[root@localhost ~]#
[root@localhost ~]# rpm -qf   /usr/bin/nmcli
NetworkManager-0.9.9.1-13.git20140326.4dba720.el7.x86_64
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# cd  /redhatdvd/Packages
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
httpd-2.4.6-17.el7.x86_64.rpm
warning: httpd-2.4.6-17.el7.x86_64.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
error: Failed dependencies:
        /etc/mime.types is needed by
httpd-2.4.6-17.el7.x86_64
        httpd-tools = 2.4.6-17.el7 is needed by
httpd-2.4.6-17.el7.x86_64
        libapr-1.so.0()(64bit) is needed by
httpd-2.4.6-17.el7.x86_64
        libaprutil-1.so.0()(64bit) is needed by
httpd-2.4.6-17.el7.x86_64
[root@localhost Packages]#
[root@localhost Packages]#
[root@localhost Packages]# rpm -ivh
```

RPM-Installation

```
httpd-2.4.6-17.el7.x86_64.rpm  --force --nodeps
warning: httpd-2.4.6-17.el7.x86_64.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
############################### [100%]
Updating / installing...
   1:httpd-2.4.6-17.el7
############################### [100%]
[root@localhost Packages]# cd
[root@localhost ~]#

[root@localhost ~]# rpm -qa   tree
tree-1.6.0-10.el7.x86_64

[root@localhost ~]#
[root@localhost ~]# cd /redhatdvd/Packages
[root@localhost Packages]#
[root@localhost Packages]#
[root@localhost Packages]# rpm  -Uvh
tree-1.6.0-10.el7.x86_64.rpm
warning: tree-1.6.0-10.el7.x86_64.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
############################### [100%]
        package tree-1.6.0-10.el7.x86_64 is already
installed
[root@localhost Packages]#
[root@localhost Packages]# rpm  -Uvh
tree-1.6.0-10.el7.x86_64.rpm    --force
warning: tree-1.6.0-10.el7.x86_64.rpm: Header V3
RSA/SHA256 Signature, key ID fd431d51: NOKEY
Preparing...
```

```
                    RPM-Installation
################################ [100%]
Updating / installing...
    1:tree-1.6.0-10.el7
################################ [100%]
[root@localhost Packages]# cd
[root@localhost ~]#
[root@localhost ~]#



*********************************************************
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```