Uninstalling YUM server

On server machine:

Go to "/etc/yum.repos.d" directory and remove any file if already exists.

```
[root@server ~]# cd /etc/yum.repos.d/
[root@server yum.repos.d]# rm -f yumserver.repo
[root@server yum.repos.d]# ls
[root@server yum.repos.d]#
```

After removing file(s) from this location, yum server will not work on server machine.

Now, changing the "anonymous_enable" to "NO" under "/etc/vsftpd/vsftpd.conf" on line 12:

```
11 # Allow anonymous FTP? (Beware - allowed by default if you comm
   ent this out).
12 anonymous_enable=YES
```

Change it to NO:

```
12 anonymous_enable=NO
13 #
14 # Uncomment this to allow local users to log in.
15 local_enable=YES
16 #
17 # Uncomment this to enable any form of FTP write command.
:wq!
```

Save & quit using **:wq!**

Now restart the vsftpd service.

```
[root@server ~]# vim /etc/vsftpd/vsftpd.conf
[root@server ~]#
[root@server ~]# systemctl restart vsftpd
[root@server ~]# systemctl status vsftpd
● vsftpd.service - Vsftpd ftp daemon
     Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; enabl>
     Active: active (running) since Fri 2025-09-26 16:27:59 IST; 1>
    Process: 3691 ExecStart=/usr/sbin/vsftpd /etc/vsftpd/vsftpd.co>
   Main PID: 3693 (vsftpd)
      Tasks: 1 (limit: 22780)
     Memory: 852.0K
        CPU: 4ms
     CGroup: /system.slice/vsftpd.service
             └─3693 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

Sep 26 16:27:59 server systemd[1]: Starting Vsftpd ftp daemon...
Sep 26 16:27:59 server systemd[1]: Started Vsftpd ftp daemon.
lines 1-13/13 (END)
```

On client machine:

Uninstall FTP and VSFTP packages from the client machine.

```
[root@client ~]# rpm -qa | grep ftp
vsftpd-3.0.5-6.el9.x86_64
ftp-0.17-89.el9.x86_64
[root@client ~]#
[root@client ~]# rpm -ev ftp vsftpd
Preparing packages...
Removed "/etc/systemd/system/multi-user.target.wants/vsftpd.service".
vsftpd-3.0.5-6.el9.x86_64
ftp-0.17-89.el9.x86_64
[root@client ~]#
[root@client ~]# rpm -qa | grep ftp
[root@client ~]#
```

Now to go /etc/yum.repos.d location and remove the file(s) from this location.

```
[root@client ~]# cd /etc/yum.repos.d/
[root@client yum.repos.d]#
[root@client yum.repos.d]# rm -f yumserver.repo
[root@client yum.repos.d]#
[root@client yum.repos.d]# cd
[root@client ~]#
```

Now go to /tmp location and delete the FTP and VSFTP packages from this location, if already copied from server.

```
[root@client ~]# cd /tmp
[root@client tmp]# ls *.rpm
ftp-0.17-89.el9.x86_64.rpm  vsftpd-3.0.5-6.el9.x86_64.rpm
[root@client tmp]#
[root@client tmp]# rm -f *.rpm
[root@client tmp]#
[root@client tmp]# ls *.rpm
ls: cannot access '*.rpm': No such file or directory
[root@client tmp]#
[root@client tmp]#
```

Note – "ls: cannot access '.rpm' : No such file or directory" is an expected out, when file isn't available.*

With this, yum server is removed from the server and the client machines.

On server machine:

Go to "/etc/yum.repos.d" and move any file to any other location.

```
[root@server ~]# cd /etc/yum.repos.d/
[root@server yum.repos.d]# ls
centos-baseos.repo   centos.repo
[root@server yum.repos.d]#
[root@server yum.repos.d]# mv      *.repo      /root
[root@server yum.repos.d]#
[root@server yum.repos.d]# ls
[root@server yum.repos.d]#
```

Create a new "yumserver.repo" file add below content (as it is).

vim yumserver.repo

```
[AppStream]
name=AppStream Repo
baseurl=file:///var/ftp/pub/AppStream/
gpgcheck=0
enabled=1

[BaseOS]
name=BaseOS Repo
baseurl=file:///var/ftp/pub/BaseOS/
gpgcheck=0
enabled=1
```

Save and quit using **:wq!**

Run the below commands:

```
[root@server ~]# yum clean all
13 files removed
[root@server ~]#
[root@server ~]# yum repolist
repo id                              repo name
AppStream                            AppStream Repo
BaseOS                               BaseOS Repo
```

Open the "/etc/vsftpd/vsftpd.conf" file and change "anonymous_enable" to "YES" in line 12.

vim /etc/vsftpd/vsftpd.conf

```
 6 #
 7 # READ THIS: This example file is NOT an exhaustive list of vsf
   tpd options.
 8 # Please read the vsftpd.conf.5 manual page to get a full idea
   of vsftpd's
 9 # capabilities.
10 #
11 # Allow anonymous FTP? (Beware - allowed by default if you comm
   ent this out).
12 anonymous_enable=YES
```

Save and quit using **:wq!**

Restart the vsftpd service

```
[root@server ~]# vim /etc/vsftpd/vsftpd.conf
[root@server ~]# systemctl restart vsftpd
[root@server ~]# systemctl status vsftpd
● vsftpd.service - Vsftpd ftp daemon
     Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; enabl>
     Active: active (running) since Fri 2025-09-26 17:40:00 IST; 5>
    Process: 3815 ExecStart=/usr/sbin/vsftpd /etc/vsftpd/vsftpd.co>
   Main PID: 3817 (vsftpd)
      Tasks: 1 (limit: 22780)
     Memory: 856.0K
        CPU: 4ms
     CGroup: /system.slice/vsftpd.service
             └─3817 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
```

Now go to the package's directory and copy FTP and VSFTP to the client's /tmp location.

```
[root@server ~]# cd /var/ftp/pub/AppStream/Packages/
[root@server Packages]# scp ftp-0.17-89.el9.x86_64.rpm root@172.22.
55.112:/tmp
root@172.22.55.112's password:
ftp-0.17-89.el9.x86_64.rpm          100%   62KB  10.2MB/s   00:00
[root@server Packages]#
[root@server Packages]# scp vsftpd-3.0.5-6.el9.x86_64.rpm   root@172
.22.55.112:/tmp
root@172.22.55.112's password:
vsftpd-3.0.5-6.el9.x86_64.rpm       100%  168KB  53.5MB/s   00:00
[root@server Packages]# 
```

That's all for the server. Now switch to client machine.

On client machine:

Go to /tmp location and install FTP and VSFTPD packages using RPM.

```
[root@client tmp]# rpm -ivh ftp-0.17-89.el9.x86_64.rpm vsftpd-3.0.5-6.el9.x86
_64.rpm
Verifying...                             ############################### [100%
]
Preparing...                             ############################### [100%
]
Updating / installing...
   1:vsftpd-3.0.5-6.el9                   ############################### [ 50%
]
   2:ftp-0.17-89.el9                      ############################### [100%
]
[root@client tmp]#
```

Now to go /etc/yum.repos.d directory and move the file(s) to any location.

```
[root@client tmp]# cd /etc/yum.repos.d/
[root@client yum.repos.d]# mv * /root/
```

Now create a file "yumserver.repo" and add the below data.

Note – use your client's IP address in place of "172.22.55.112"

```
[AppStream]
name=AppStream Repo
baseurl=ftp://172.22.55.111/pub/AppStream/
gpgcheck=0
enabled=1

[BaseOS]
name=BaseOS Repo
baseurl=ftp://172.22.55.111/pub/BaseOS/
gpgcheck=0
enabled=1
```

Save and quit (:wq!)

```
[root@client yum.repos.d]# vim yumserver.repo
[root@client yum.repos.d]#
[root@client yum.repos.d]# yum clean  all; yum repolist
13 files removed
repo id                              repo name
AppStream                            AppStream Repo
BaseOS                               BaseOS Repo
[root@client yum.repos.d]#
```

Start and enable the VSFTPD service:

```
[root@client ~]# systemctl enable vsftpd
Created symlink /etc/systemd/system/multi-user.target.wants/vsftpd.service →
/usr/lib/systemd/system/vsftpd.service.
[root@client ~]#
[root@client ~]# systemctl start vsftpd
[root@client ~]# systemctl status vsftpd
• vsftpd.service - Vsftpd ftp daemon
     Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; enabled; preset>
     Active: active (running) since Fri 2025-09-26 05:14:33 IST; 9s ago
    Process: 35722 ExecStart=/usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf (code=>
   Main PID: 35723 (vsftpd)
      Tasks: 1 (limit: 22988)
     Memory: 848.0K
        CPU: 3ms
     CGroup: /system.slice/vsftpd.service
             └─35723 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

Sep 26 05:14:33 client systemd[1]: Starting Vsftpd ftp daemon...
Sep 26 05:14:33 client systemd[1]: Started Vsftpd ftp daemon.
```

Now, installing the packages using YUM on client.

```
[root@client ~]# yum install -y nfs-utils rpcbind
AppStream Repo                                    35 MB/s | 7.7 MB     00:00
BaseOS Repo                                       21 MB/s | 2.1 MB     00:00
Last metadata expiration check: 0:00:01 ago on Fri 26 Sep 2025 05:16:41 AM IS
T.
Dependencies resolved.
================================================================================
 Package        Architecture   Version                  Repository       Size
================================================================================
Installing:
 nfs-utils      x86_64         1:2.5.4-37.el9           BaseOS          459 k
 rpcbind        x86_64         1.2.6-7.el9              BaseOS           58 k

Transaction Summary
================================================================================
Install  2 Packages

Total download size: 517 k
Installed size: 1.3 M
Downloading Packages:
(1/2): rpcbind-1.2.6-7.el9.x86_64.rpm              2.7 MB/s |  58 kB     00:00
(2/2): nfs-utils-2.5.4-37.el9.x86_64.rpm           12 MB/s | 459 kB     00:00
```

Truncating the output.

```
Installed:
  nfs-utils-1:2.5.4-37.el9.x86_64              rpcbind-1.2.6-7.el9.x86_64
```

YUM SERVER AND CLIENT CONFIGURATIOIN OVER.