```
[sfit@centos ~]$ su
Password:
[root@centos sfit]# yum install nfs-utils
Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile
 * base: centos.excellmedia.net
 * extras: centos.excellmedia.net
 * updates: centos.excellmedia.net
Package 1:nfs-utils-1.3.0-0.68.el7.2.x86_64 already installed and latest version
Nothing to do
[root@centos sfit]# yum install libnfsidmap
Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile
 * base: centos.excellmedia.net
 * extras: centos.excellmedia.net
 * updates: centos.excellmedia.net
Package libnfsidmap-0.25-19.el7.x86_64 already installed and latest version
Nothing to do
[root@centos sfit]# systemctl enable rpcbind
[root@centos sfit]# systemctl enable nfs-server
[root@centos sfit]# systemctl start rpcbind
[root@centos sfit]# systemctl start nfs-server
[root@centos sfit]# systemctl start rpc-statd
[root@centos sfit]# systemctl start nfs-idmapd
[root@centos sfit]# cd/
bash: cd/: No such file or directory
[root@centos sfit]# cd /
[root@centos /]# mkdir A40
[root@centos /]# chmod a=rwx A40
[root@centos /]# chmod a+rwx A40
[root@centos /]# ls
A40   boot   etc    lib    media   opt    root   sbin   srv   tmp   var
bin   dev    home   lib64  mnt     proc   run    SID    sys   usr

bin   dev    home   lib64  mnt     proc   run    SID    sys   usr
[root@centos /]# ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.6.223  netmask 255.255.248.0  broadcast 192.168.7.255
        inet6 fe80::f41d:907b:933f:638  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:93:b0:4d  txqueuelen 1000  (Ethernet)
        RX packets 52000  bytes 4091433 (3.9 MiB)
        RX errors 0  dropped 19  overruns 0  frame 0
        TX packets 73  bytes 9274 (9.0 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 90  bytes 10280 (10.0 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 90  bytes 10280 (10.0 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

virbr0: flags=4099<UP,BROADCAST,MULTICAST>  mtu 1500
        inet 192.168.122.1  netmask 255.255.255.0  broadcast 192.168.122.255
        ether 52:54:00:6c:a6:f2  txqueuelen 1000  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

[root@centos /]# A40 192.168.3.82
bash: A40: command not found...
[root@centos /]# gedit/etc/exports
bash: gedit/etc/exports: No such file or directory
[root@centos /]# gedit /etc/exports
```

```
[root@centos /]# gedit /etc/exports

(gedit:3568): GLib-GIO-CRITICAL **: 13:31:28.637: g_dbus_proxy_new_sync: assertion 'G_IS_DBUS_CONNECTION (connec
tion)' failed

(gedit:3568): dconf-WARNING **: 13:31:28.648: failed to commit changes to dconf: The connection is closed

(gedit:3568): dconf-WARNING **: 13:31:28.652: failed to commit changes to dconf: The connection is closed
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)

(gedit:3568): dconf-WARNING **: 13:31:28.765: failed to commit changes to dconf: The connection is closed

(gedit:3568): dconf-WARNING **: 13:31:28.766: failed to commit changes to dconf: The connection is closed

(gedit:3568): dconf-WARNING **: 13:31:28.766: failed to commit changes to dconf: The connection is closed

** (gedit:3568): WARNING **: 13:33:31.060: Set document metadata failed: Setting attribute metadata::gedit-spell
-language not supported

** (gedit:3568): WARNING **: 13:33:31.061: Set document metadata failed: Setting attribute metadata::gedit-encod
ing not supported

(gedit:3568): dconf-WARNING **: 13:33:32.302: failed to commit changes to dconf: The connection is closed

** (gedit:3568): WARNING **: 13:33:32.315: Set document metadata failed: Setting attribute metadata::gedit-posit
ion not supported
[root@centos /]# exportfs -rv
exporting 192.168.6.223:/SID
exporting *:/A40ser
```

```
exporting *:/A40ser
exportfs: Failed to stat /A40ser: No such file or directory
[root@centos /]# gedit /etc/exports

(gedit:3615): GLib-GIO-CRITICAL **: 13:34:51.035: g_dbus_proxy_new_sync: assertion 'G_IS_DBUS_CONNECTION (connec
tion)' failed

(gedit:3615): dconf-WARNING **: 13:34:51.039: failed to commit changes to dconf: The connection is closed

(gedit:3615): dconf-WARNING **: 13:34:51.042: failed to commit changes to dconf: The connection is closed
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)

(gedit:3615): dconf-WARNING **: 13:34:51.114: failed to commit changes to dconf: The connection is closed

(gedit:3615): dconf-WARNING **: 13:34:51.115: failed to commit changes to dconf: The connection is closed

(gedit:3615): dconf-WARNING **: 13:34:51.115: failed to commit changes to dconf: The connection is closed

** (gedit:3615): WARNING **: 13:34:56.208: Set document metadata failed: Setting attribute metadata::gedit-spell
-language not supported

** (gedit:3615): WARNING **: 13:34:56.208: Set document metadata failed: Setting attribute metadata::gedit-encod
ing not supported

** (gedit:3615): WARNING **: 13:34:57.653: Set document metadata failed: Setting attribute metadata::gedit-posit
ion not supported

(gedit:3615): dconf-WARNING **: 13:34:57.659: failed to commit changes to dconf: The connection is closed
[root@centos /]# exportfs -rv
```

SERVER

```
[sfit@centos ~]$ su
Password:
[root@centos sfit]# yum install nfs-utils
Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile
 * base: centos.excellmedia.net
 * extras: centos.excellmedia.net
 * updates: centos.excellmedia.net
Package 1:nfs-utils-1.3.0-0.68.el7.2.x86_64 already installed and latest version
Nothing to do
[root@centos sfit]# yum install rpcbind
Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile
 * base: centos.excellmedia.net
 * extras: centos.excellmedia.net
 * updates: centos.excellmedia.net
Package rpcbind-0.2.0-49.el7.x86_64 already installed and latest version
Nothing to do
[root@centos sfit]# yum enable rpcbind
Loaded plugins: fastestmirror, langpacks
No such command: enable. Please use /usr/bin/yum --help
[root@centos sfit]# systemctl enable rpcbind
[root@centos sfit]# systemctl start rpcbind
[root@centos sfit]# showmount -e 192.168.3.8
^[[A^[[B^C
[root@centos sfit]# ^C
[root@centos sfit]# showmount -e 192.168.3.82
Export list for 192.168.3.82:
/A41_11 192.168.6.223
```

```
[root@centos sfit]# yum install rpcbind
Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile
 * base: centos.excellmedia.net
 * extras: centos.excellmedia.net
 * updates: centos.excellmedia.net
Package rpcbind-0.2.0-49.el7.x86_64 already installed and latest version
Nothing to do
[root@centos sfit]# yum enable rpcbind
Loaded plugins: fastestmirror, langpacks
No such command: enable. Please use /usr/bin/yum --help
[root@centos sfit]# systemctl enable rpcbind
[root@centos sfit]# systemctl start rpcbind
[root@centos sfit]# showmount -e 192.168.3.8
^[[A^[[B^C
[root@centos sfit]# ^C
[root@centos sfit]# showmount -e 192.168.3.82
Export list for 192.168.3.82:
/A41_11 192.168.6.223
[root@centos sfit]# mkdir /mnt/A3_40cl
[root@centos sfit]# mount 192.168.3.82:/A41_11 /mnt/A3_40cl
[root@centos sfit]# df -h
Filesystem               Size  Used Avail Use% Mounted on
devtmpfs                 1.7G     0  1.7G   0% /dev
tmpfs                    1.7G     0  1.7G   0% /dev/shm
tmpfs                    1.7G  9.5M  1.7G   1% /run
tmpfs                    1.7G     0  1.7G   0% /sys/fs/cgroup
/dev/mapper/centos-root   17G  6.4G   11G  38% /
/dev/sda2               1014M  169M  846M  17% /boot
/dev/sda1                200M   12M  189M   6% /boot/efi
tmpfs                    334M   20K  334M   1% /run/user/1000
192.168.3.82:/A41_11      17G  6.4G   11G  38% /mnt/A3_40cl
[root@centos sfit]#
```

```
[root@centos sfit]# systemctl start rpcbind
[root@centos sfit]# showmount -e 192.168.3.8
^[[A^[[B^C
[root@centos sfit]# ^C
[root@centos sfit]# showmount -e 192.168.3.82
Export list for 192.168.3.82:
/A41_11 192.168.6.223
[root@centos sfit]# mkdir /mnt/A3_40cl
[root@centos sfit]# mount 192.168.3.82:/A41_11 /mnt/A3_40cl
[root@centos sfit]# df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  1.7G     0  1.7G   0% /dev
tmpfs                     1.7G     0  1.7G   0% /dev/shm
tmpfs                     1.7G  9.5M  1.7G   1% /run
tmpfs                     1.7G     0  1.7G   0% /sys/fs/cgroup
/dev/mapper/centos-root    17G  6.4G   11G  38% /
/dev/sda2                1014M  169M  846M  17% /boot
/dev/sda1                 200M   12M  189M   6% /boot/efi
tmpfs                     334M   20K  334M   1% /run/user/1000
192.168.3.82:/A41_11       17G  6.4G   11G  38% /mnt/A3_40cl
[root@centos sfit]# cd /mst/A40_11
bash: cd: /mst/A40_11: No such file or directory
[root@centos sfit]# cd /mnt/A40_11
bash: cd: /mnt/A40_11: No such file or directory
[root@centos sfit]# cd /mnt/A41_11
bash: cd: /mnt/A41_11: No such file or directory
[root@centos sfit]# cd /mnt/A3_40cl
[root@centos A3_40cl]# A40_11
bash: A40_11: command not found...
[root@centos A3_40cl]# touch DJ
[root@centos A3_40cl]# ls
DJ
```

SERVER

```
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)

(gedit:3615): dconf-WARNING **: 13:34:51.114: failed to commit changes to dconf: The connection is closed

(gedit:3615): dconf-WARNING **: 13:34:51.115: failed to commit changes to dconf: The connection is closed

(gedit:3615): dconf-WARNING **: 13:34:51.115: failed to commit changes to dconf: The connection is closed

** (gedit:3615): WARNING **: 13:34:56.208: Set document metadata failed: Setting attribute metadata::gedit-spell
-language not supported

** (gedit:3615): WARNING **: 13:34:56.208: Set document metadata failed: Setting attribute metadata::gedit-encod
ing not supported

** (gedit:3615): WARNING **: 13:34:57.653: Set document metadata failed: Setting attribute metadata::gedit-posit
ion not supported

(gedit:3615): dconf-WARNING **: 13:34:57.659: failed to commit changes to dconf: The connection is closed
[root@centos /]# exportfs -rv
exporting 192.168.6.223:/SID
exporting *:/A40
[root@centos /]# systemctl stop firewall
Failed to stop firewall.service: Unit firewall.service not loaded.
[root@centos /]# systemctl stop firewalld
[root@centos /]# systemctl restart nfs
[root@centos /]# cd A40
[root@centos A40]# ls
Om.txt
[root@centos A40]#
```

CLIENT

```
tmpfs                      1.7G      0  1.7G   0% /sys/fs/cgroup
/dev/mapper/centos-root    17G   6.4G   11G  38% /
/dev/sda2                 1014M   169M  846M  17% /boot
/dev/sda1                  200M    12M  189M   6% /boot/efi
tmpfs                      334M    20K  334M   1% /run/user/1000
192.168.3.82:/A41_11        17G   6.4G   11G  38% /mnt/A3_40cl
[root@centos sfit]# cd /mst/A40_11
bash: cd: /mst/A40_11: No such file or directory
[root@centos sfit]# cd /mnt/A40_11
bash: cd: /mnt/A40_11: No such file or directory
[root@centos sfit]# cd /mnt/A41_11
bash: cd: /mnt/A41_11: No such file or directory
[root@centos sfit]# cd /mnt/A3_40cl
[root@centos A3_40cl]# A40_11
bash: A40_11: command not found...
[root@centos A3_40cl]# touch DJ
[root@centos A3_40cl]# ls
DJ
[root@centos A3_40cl]# cd ..
[root@centos mnt]# umount /mnt/A40_11
umount: /mnt/A40_11: mountpoint not found
[root@centos mnt]# umount /mnt/A3_40cl
[root@centos mnt]# df -h
Filesystem                 Size   Used  Avail Use% Mounted on
devtmpfs                   1.7G      0  1.7G   0% /dev
tmpfs                      1.7G      0  1.7G   0% /dev/shm
tmpfs                      1.7G   9.5M  1.7G   1% /run
tmpfs                      1.7G      0  1.7G   0% /sys/fs/cgroup
/dev/mapper/centos-root    17G   6.4G   11G  38% /
/dev/sda2                 1014M   169M  846M  17% /boot
/dev/sda1                  200M    12M  189M   6% /boot/efi
tmpfs                      334M    20K  334M   1% /run/user/1000
[root@centos mnt]#
```