

# Q & A

NFS ????????

## Umount a NFS directory with the error: device is busy

???????????? NFS ?????? amount ?????????????????????????????????????????

```
# fuser -m -v <mount_point or device_path>
lsuf | grep <mount_point or device_path>
lsuf +f -- <path-to-dir>

# fuser -i -k <mount_point or device_path>
fuser -km <mount_point or device_path>
umount <mount_point>

# nfsd NFS Client daemon NFS nfsd
service netfs stop
service netfs start

# nfsd
umount -l <mount_point>
umount -f <mount_point>
```

???? NFS ???? , nfs ??

```
cat /proc/mounts | grep nfs
```

## Can't mount remotely Linux host on AIX

Try to run the following commands on your AIX.

```
nfso -o nfs_use_reserved_ports=1
nfso -o portcheck=1
```

## Remove Shared Memory

```
# see all shared memory segments
# status: dest -> destroyed
# nattach: how many application being attached to the shared memory.
ipcs -m
ipcs -m -i <shmid>

# remove the shared memory segment
ipcrm shm <shmid>
ipcrm -m <shmid>
```

## CentOS Upgrade Kernel: linux-firmware package files conflicts

?????? CentOS 7.6 Kernel to CentOS 7.7??? linux-firmware ???????

```
rpm -ivh kernel-3.10.0-1062.el7.x86_64.rpm
```

```
warning: kernel-3.10.0-1062.el7.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID fd431d51: NOKEY
error: Failed dependencies:
```

```
    linux-firmware >= 20190429-72 is needed by kernel-3.10.0-1062.el7.x86_64
```

```
rpm -ivh linux-firmware-20190429-72.gitddde598.el7.noarch.rpm kernel-3.10.0-1062.el7.x86_64.rpm
```

```
warning: linux-firmware-20190429-72.gitddde598.el7.noarch.rpm: Header V3 RSA/SHA256 Signature, key ID
f4a80eb5: NOKEY
```

```
warning: kernel-3.10.0-1062.el7.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID fd431d51: NOKEY
```

```
Preparing... ##### [100%]
```

```
file /usr/lib/firmware/amd-ucode/microcode_amd_fam17h.bin from install of linux-firmware-20190429-
72.gitddde598.el7.noarch conflicts with file from package linux-firmware-20180911-69.git85c5d90.el7.noarch
file /usr/lib/firmware/amd-ucode/microcode_amd_fam17h.bin.asc from install of linux-firmware-20190429-
72.gitddde598.el7.noarch conflicts with file from package linux-firmware-20180911-69.git85c5d90.el7.noarch
```

```
# Solution:
```

```
rpm -Uvh linux-firmware-20190429-72.gitddde598.el7.noarch.rpm
```

```
rpm -ivh kernel-3.10.0-1062.el7.x86_64.rpm
```

# Adjust reserved 5% of disk space by default

Reduce it to 2%

```
sudo tune2fs -m2 /dev/sda1
```

?? du ? df ??????????????

?????????? df ??????? du ?????

??? du ?????????????????????????????????du ???????

?????

- 1. ??? ?sof /path/to/dir ??????????????
- 2. ????????? du ????