

..... 3

NFS-Server 3

NFS-Client 3

NFS-Server && Client (rw) 4

- Red Hat Enterprise Linux 7.3
- NFS-Server
 - Hostname : system1.example.com
- NFS-Client
 - Hostname : system2.example.com

NFS-Server

1.

```
[root@system1 ~]# yum install nfs-server nfs-secure
[root@system1 ~]# systemctl status nfs-secure nfs-server
[root@system1 ~]# systemctl enable nfs-server nfs-secure
[root@system1 ~]# systemctl start nfs-server nfs-secure
```

1. NFS

```
// NFS          mount
[root@system1 ~]# mkdir /public
[root@system1 ~]# mkdir /private
```

1. NFS Export

```
[root@system1 ~]# vi /etc/exports
/public          *.example.com(ro)          // ro          Read only
/private         *.example.com(rw,no_root_squash,sec=krb5p) // rw
ReadWrite,
```

```
[root@system1 ~]# exportfs -avr // exports
exporting *.example.com:/private
exporting *.example.com:/public
```

1.

```
[root@system1 ~]# firewall-cmd --permanent --add-service=nfs
success
[root@system1 ~]# firewall-cmd --reload
success
```

NFS-Client

1. NFS-Utills

```
[root@system2 ~]# yum install nfs-utils
```

1. NFS Client

```
[root@system2 ~]# mkdir /mnt/nfsmount
[root@system2 ~]# mkdir /mnt/nfssecure
```

1. NFS

```
[root@system2 ~]# mount -t nfs 192.168.70.46:/public /mnt/nfsmount/
[root@system2 ~]# cd /mnt/nfsmount/
[root@system2 ~]# ls
```

1. /etc/fstab

```
[root@system2 ~]# vim /etc/fstab
system1.example.com:/public /mnt/nfsmount nfs defaults,_netdev 0 0
system1.example.com:/private /mnt/nfssecure nfs defaults,_netdev,sec=krb5p 0
0
```

NFS-Server && Client (rw)

- rw Read & Write 가 가 , User
- User " Koov " rw 가

System1.example.com

```
[root@system1 ~]# useradd koov
[root@system1 ~]# id koov
uid=1001(koov) gid=1001(koov) groups=1001(koov)
[root@system1 ~]# chown koov -R /private/
[root@system1 ~]# ls -ld /private/
drwxr-xr-x. 3 koov root 30 Jan 24 16:56 /private/
```

system2.example.com

```
[root@system2 secret]# id koov
uid=1001(koov) gid=1001(koov) groups=1001(koov)
[root@system2 ~]# mount -t nfs system1.example.com:/private /mnt/nfssecure/
[root@system2 ~]# cd /mnt/nfssecure
[root@system2 nfssecure]# whoami
root
[root@system2 nfssecure]# touch TEST.txt
touch: cannot touch 'TEST.txt': Permission denied
```

```
[root@system2 ~]# su - koov
Last login: Tue Jan 24 17:09:03 KST 2017 on pts/0
[koov@system2 ~]$ whoami
koov
[koov@system2 ~]$ cd /mnt/nfssecure/
[koov@system2 nfssecure]$ touch TEST.txt
[koov@system2 nfssecure]$ ls
TEST.txt
```

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