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# SSHFS

SSHFS    SSH                    SCP    SFTP  
                                  FUSE                    EPEL                    RHEL 5, 6, 7, 8

: <https://access.redhat.com/solutions/62951>

(mount)                    가                    ,

```
[server1] /my/backups/jenkins -> [                    ] /backups/server1/jenkins
[server1] /my/backups/releases -> [                    ] /backups/server1/releases
[server2] /my/backups/jenkins -> [                    ] /backups/server2/jenkins
```

SSH가                    SSHFS  
 SSHFS(Secure SHell FileSystem)    SFTP  
 server1, server2

## SSHFS

SSHFS

```
$ yum install sshfs
$ dnf install sshfs
$ sudo apt-get install sshfs
```

```
$ mkdir -p /my/backups
$ #                    /mnt
$ sudo mkdir -p /mnt/backups
```

## SSHFS                    (mount)

```
$ # user x.x.x.x IP .
$ sshfs user@x.x.x.x:/backups/server1 /my/backups

$ # Ubuntu, Debian
$ sudo sshfs -o allow_other user@x.x.x.x:/backups/server1 /my/backups
```

```
server1 /my/backups (x.x.x.x)
/backups/server1 .
```

```
$ #
$ sshfs -o reconnect user@x.x.x.x:/backups/server1 /my/backups

$ # SSH key
$ sshfs -o IdentityFile=~/.ssh/id_rsa user@x.x.x.x:/backups/server1 /my/backups
```

### (mount)

df

```
$ df -hT
Filesystem                Type      Size  Used Avail Use%
Mounted on
/dev/sda4                  xfs       268G  122G  147G  46% /
devtmpfs                   devtmpfs  7.8G   0    7.8G   0%
/dev
tmpfs                       tmpfs     7.8G   0    7.8G   0%
/dev/shm
tmpfs                       tmpfs     7.8G   57M  7.7G   1%
/run
tmpfs                       tmpfs     7.8G   0    7.8G   0%
/sys/fs/cgroup
/dev/sda2                  xfs      1014M  130M  885M  13%
/boot
tmpfs                       tmpfs     1.6G   0    1.6G   0%
/run/user/1000
user@my-backup-server:/backups/server1 fuse.sshfs 50G  4.2G  46G   9%
/my/backups
```

가 /etc/fstab

```
sshfs#user@x.x.x.x:/backups/server1 /my/backups fuse.sshfs defaults 0 0
```

```
#
sshfs#user@x.x.x.x:/backups/server1 /my/backups fuse.sshfs
IdentityFile=~/.ssh/id_rsa defaults 0 0
sshfs#user@x.x.x.x:/backups/server1 /my/backups fuse.sshfs reconnect
defaults 0 0
```

## (unmount)

```
umount .
```

```
$ umount /my/backups
```

- <https://blog.leocat.kr/notes/2018/04/23/sshfs-mount-remote-server-using-ssh>
- <https://www.tecmint.com/sshfs-mount-remote-linux-filesystem-directory-using-ssh/>

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