

NASA Lab10

B11901164 陳秉緯

On Server

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nasa@nasalab10:~$ cat /etc/exports
# /etc/exports: the access control list for filesystems which may be exported
#               to NFS clients.  See exports(5).
#
# Example for NFSv2 and NFSv3:
# /srv/homes                hostname1(rw,sync,no_subtree_check) hostname2(ro,sync,no_subtree_check)
#
# Example for NFSv4:
# /srv/nfs4                  gss/krb5i(rw,sync,fsid=0,crossmnt,no_subtree_check)
# /srv/nfs4/homes            gss/krb5i(rw,sync,no_subtree_check)
#
/srv/nfs 192.168.167.71(rw,sync,fsid=0,crossmnt,no_subtree_check)
/srv/nfs/share 192.168.167.71(rw,sync,no_subtree_check)

nasa@nasalab10:~$ sudo exportfs -v
/srv/nfs 192.168.167.71(sync,wdelay,hide,crossmnt,no_subtree_check,fsid=0,sec=sys,rw,secure,root_squash,no_all_squash)
/srv/nfs/share 192.168.167.71(sync,wdelay,hide,no_subtree_check,sec=sys,rw,secure,root_squash,no_all_squash)
nasa@nasalab10:~$
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On Client

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nasa@nasalab10:~$ mount
sysfs on /sys type sysfs (rw,nosuid,nodev,noexec,relatime)
proc on /proc type proc (rw,nosuid,nodev,noexec,relatime)
udev on /dev type devtmpfs (rw,nosuid,relatime,size=4041044k,nr_inodes=1010261,mode=755,inode64)
devpts on /dev/pts type devpts (rw,nosuid,noexec,relatime,gid=5,mode=620,ptmxmode=000)
tmpfs on /run type tmpfs (rw,nosuid,nodev,noexec,relatime,size=813804k,mode=755,inode64)
/dev/vda1 on / type ext4 (rw,relatime,errors=remount-ro)
securityfs on /sys/kernel/security type securityfs (rw,nosuid,nodev,noexec,relatime)
tmpfs on /dev/shm type tmpfs (rw,nosuid,nodev,inode64)
tmpfs on /run/lock type tmpfs (rw,nosuid,nodev,noexec,relatime,size=5120k,inode64)
cgroup2 on /sys/fs/cgroup type cgroup2 (rw,nosuid,nodev,noexec,relatime,nsdelegate,memory_recursiveprot)
pstore on /sys/fs/pstore type pstore (rw,nosuid,nodev,noexec,relatime)
bpf on /sys/fs/bpf type bpf (rw,nosuid,nodev,noexec,relatime,mode=700)
systemd-1 on /proc/sys/fs/binfmt_misc type autofs (rw,relatime,fd=30,pgrpr=1,timeout=0,minproto=5,maxproto=5,direct,pipe_ino=12879)
tracefs on /sys/kernel/tracing type tracefs (rw,nosuid,nodev,noexec,relatime)
debugfs on /sys/kernel/debug type debugfs (rw,nosuid,nodev,noexec,relatime)
nfsd on /dev/nfsd type nfsd (rw,nosuid,nodev,noexec,relatime)
hugetlbfs on /dev/hugepages type hugetlbfs (rw,relatime,pagesize=2M)
fusectl on /sys/fs/fuse/connections type fusectl (rw,nosuid,nodev,noexec,relatime)
configs on /sys/kernel/config type configs (rw,nosuid,nodev,noexec,relatime)
ramfs on /run/credentials/systemd-sysctl.service type ramfs (ro,nosuid,nodev,noexec,relatime,mode=700)
ramfs on /run/credentials/systemd-sysusers.service type ramfs (ro,nosuid,nodev,noexec,relatime,mode=700)
ramfs on /run/credentials/systemd-tmpfiles-setup-dev.service type ramfs (ro,nosuid,nodev,noexec,relatime,mode=700)
ramfs on /run/credentials/systemd-tmpfiles-setup.service type ramfs (ro,nosuid,nodev,noexec,relatime,mode=700)
nfsd on /proc/fs/nfsd type nfsd (rw,relatime)
sunrpc on /run/rpc_pipefs type rpc_pipefs (rw,relatime)
binfmt_misc on /proc/sys/fs/binfmt_misc type binfmt_misc (rw,nosuid,nodev,noexec,relatime)
tmpfs on /run/user/1000 type tmpfs (rw,nosuid,nodev,relatime,size=813800k,nr_inodes=203250,mode=700,uid=1000,gid=1000,inode64)
192.168.167.70:/srv/nfs/share on /mnt type nfs (rw,relatime,vers=3,rsize=1048576,wsize=1048576,naclen=255,hard,proto=tcp,timeo=600,retr=2,sec=sys,mountaddr=192.168.167.70,mountvers=3,mountport=48370,mountproto=udp,local_lock=none,addr=192.168.167.70)
nasa@nasalab10:~$ df -h
Filesystem      Size  Used Avail Use% Mounted on
udev            3.5G     0  3.5G   0% /dev
tmpfs           794M  476K  794M   1% /run
/dev/vda1       31G   1.8G   28G   6% /
tmpfs           3.5G     0  3.5G   0% /dev/shm
tmpfs           5.0M     0  5.0M   0% /run/lock
tmpfs           794M     0  794M   0% /run/user/1000
192.168.167.70:/srv/nfs/share 31G   1.8G   28G   6% /mnt
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