

```

echo '--- Launching VM1 (ID: b12902118-1) ---'
[b12902118@nasa-ws3 tmp2]$ echo '--- Launching VM1 (ID: b12902118-1) ---'
--- Launching VM1 (ID: b12902118-1) ---
[b12902118@nasa-ws3 tmp2]$ echo 'Base Image: /tmp2/lab10/nasalab10.qcow2'
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[b12902118@nasa-ws3 tmp2]$ echo 'Overlay Disk: /tmp2/b12902118/b12902118_nasalab10/vm1_overlay.qcow2'
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[b12902118@nasa-ws3 tmp2]$ qemu-system-x86_64 \
> --enable-kvm \
> -cpu host \
> -m 8G \
> -name vm1_b12902118 \
> -drive file=/tmp2/b12902118/b12902118_nasalab10/vm1_overlay.qcow2,format=qcow2,if=virtio \
> -nic user,hostFwd=tcp::54339-:22 \
> -net nic,macaddr=52:54:98:21:18:01 -net vde,sock=/tmp/vde1.ctl \
> -vnc 127.0.0.1:44442,password=on \
> -monitor stdio
QEMU 9.2.2 monitor - type 'help' for more information
(qemu) vnc change password
unknown command: 'vnc'
(qemu) change vnc password
Password: *****
(qemu)

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 192.168.163.98(rw,sync,fsid=0,crossmnt,no_subtree_check)
/srv/nfs/share 192.168.163.98(rw,sync,no_subtree_check)
nasa@nasalab10:~$
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[qemu_b1290:VMS*                                         "b12902118@nasa-ws3:~/" 12:06 28-Apr-28

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nasa@nasalab10:~$ sudo exportfs -v
/srv/nfs 192.168.163.98(sync,wdelay,hide,crossmnt,no_subtree_check,fsid=0,sec=sys,rw,secure,root_squash,no_all_squash)
/srv/nfs/share 192.168.163.98(sync,wdelay,hide,no_subtree_check,sec=sys,rw,secure,root_squash,no_all_squash)
nasa@nasalab10:~$
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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,relative_size=4041044K,nr_inodes=1010261,mode=755,inode64)
devpts on /dev/pts type devpts (rw,nosuid,noexec,relative_size=628,ptmxmode=000)
tmpfs on /run type tmpfs (rw,nosuid,nodev,noexec,relative_size=513004K,mode=755,inode64)
/dev/vda1 on / type ext4 (rw,relative_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,relative_size=5120K,inode64)
cgroup2 on /sys/fs/cgroup2 type cgroup2 (rw,nosuid,nodev,noexec,relative_nsdelegate,memory_recursiveprot)
pstree on /sys/pstree type pstree (rw,nosuid,nodev,noexec,relatime)
bpf on /sys/fs/bpf type bpf (rw,nosuid,nodev,noexec,relative_size=700)
systemd-1 on /proc/sys/fs/binfmt_misc type autosys (rw,relative,fd=30,pgrp=1,timeout=0,minproto=5,maxproto=5,direct_pipe_ino=12879)
debugfs on /sys/kernel/debug type debugfs (rw,nosuid,nodev,noexec,relatime)
traces on /sys/kernel/tracing type traces (rw,nosuid,nodev,noexec,relatime)
mqqueue on /dev/mqueue type mqqueue (rw,nosuid,nodev,noexec,relatime)
hugepages on /dev/hugepages type hugepages (rw,relative,pagesize=2M)
configfs on /sys/kernel/config type configfs (rw,nosuid,nodev,noexec,relatime)
fusectl on /sys/fs/fuse/connections type fusectl (rw,nosuid,nodev,noexec,relatime)
ramfs on /run/credentials/systemd-binfmtfiles-setup.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)
nfsd on /proc/fs/nfsd type nfsd (rw,relative)
binfmt_misc on /proc/sys/fs/binfmt_misc type binfmt_misc (rw,nosuid,nodev,noexec,relatime)
ramfs on /run/credentials/systemd-tmpfiles-setup.service type ramfs (ro,nosuid,nodev,noexec,relatime,mode=700)
sunrpc on /run/rpc_pipesfs type rpc_pipesfs (rw,relative)
tmpfs on /run/user/1000 type tmpfs (rw,nosuid,nodev,relative_size=813000K,nr_inodes=203250,mode=700,uid=1000,gid=1000,inode64)
192.168.163.97:/srv/nfs/share on /mnt type nfs (rw,relative,vers=3,rsize=1048576,wszie=1048576,namlen=255,hard,proto=tcp,timeo=600,retrans=2,sec=sys,mountaddr=192.168.163.97,mountvers=3,mountport=55394,mountproto=udp,local_lock=none,addr=192.168.163.97)
nasa@nasalab10:~$ 

[qemu_b1290:VMs*                                         "b12902118@nasa-ws3:~/" 12:07 28-Apr-28

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nasa@nasalab10:~$ df -h
Filesystem      Size   Used  Avail Use% Mounted on
udev            3.9G    0     3.9G  0% /dev
tmpfs           794M  472K  794M  1% /run
/dev/vda1        31G  1.8G  28G  6% /
tmpfs           3.9G    0     3.9G  0% /dev/shm
tmpfs           5.9M    0     5.9M  0% /run/lock
tmpfs           794M    0    794M  0% /run/user/1000
192.168.163.97:/srv/nfs/share  31G  1.8G  28G  6% /mnt
nasa@nasalab10:~$ 

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