

To mount it at boot:

```
# blkid
...
/dev/mapper/iscsi2-backup: UUID="0a413f6c-50cd-45c7-ba1c-0a413f6c1ac6" TYPE="ext4"

# nano -w /etc/fstab

+ UUID=0a413f6c-50cd-45c7-ba1c-0a413f6c1ac6    /var/lib/libvirt/backup    ext4
defaults,auto,_netdev    0    0
```

To take a live backup of VM tubu1-clone using LVM snapshot:

```
# ./virt-backup.pl --dump --vm=tubu1-clone --state --debug

Connecting to libvirt daemon using qemu:///system as URI
Checking tubu1-clone status
Running dump routine for tubu1-clone
Locking tubu1-clone

Saving XML description for tubu1-clone to /var/lib/libvirt/backup/tubu1-clone/tubu1-clone.xml
tubu1-clone is running, saving state...
tubu1-clone state saved as /var/lib/libvirt/backup/tubu1-clone/tubu1-clone.state

Analysing disk /dev/iscsi2/tubu1-clone connected on tubu1-clone as vda
Running: /sbin/lvcreate -c 512 -p r -s -n /dev/iscsi2/tubu1-clone_1344612236 -L 5G
/dev/iscsi2/tubu1-clone > /dev/null 2>&1
/dev/iscsi2/tubu1-clone seems to be a valid logical volume (LVM), a snapshot has been taken as
/dev/iscsi2/tubu1-clone_1344612236
Adding /dev/iscsi2/tubu1-clone_1344612236 to the list of disks to be backed up

The following disks will be dumped:

Source: /dev/iscsi2/tubu1-clone_1344612236    Dest: /var/lib/libvirt/backup/tubu1-clone/tubu1-clone_vda.img

We can run a live backup

Trying to restore tubu1-clone from /var/lib/libvirt/backup/tubu1-clone/tubu1-clone.state
Waiting for restoration to complete

Starting dump of /dev/iscsi2/tubu1-clone_1344612236 to /var/lib/libvirt/backup/tubu1-clone/tubu1-clone_vda.img

32000+0 records in
32000+0 records out
8388608000 bytes (8.4 GB) copied, 244.731 s, 34.3 MB/s
Removing snapshot /dev/iscsi2/tubu1-clone_1344612236

Cannot start domain restoration, tubu1-clone is running (maybe already restored after a live backup ?)
Removing lock file for tubu1-clone
```

The backup creates a directory with these files:

```
# ls -l /var/lib/libvirt/backup/tubu1-clone

-rw----- 1 root root 284363322 Aug 10 17:23 tubu1-clone.state
-rw-r--r-- 1 root root 8388608000 Aug 10 17:28 tubu1-clone_vda.img
-rw-r--r-- 1 root root 2453 Aug 10 17:23 tubu1-clone.xml
```

Restore from backup to same VM:

```
# virsh shutdown tubu1-clone
# dd if=/var/lib/libvirt/backup/tubu1-clone/tubu1-clone_vda.img
of=/dev/iscsi2/tubu1-clone
# virsh restore tubu1-clone.state
```