

BTRFS

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with libvirt

```
btrfs subvolume create /var/lib/libvirt/images/  
chown libvirt-qemu:kvm images  
chattr +C /var/lib/libvirt/images
```

as root filesystem

create root subvolume

```
mount /dev/sda1 /tmp/btrfs  
btrfs subvolume set-default 5 /tmp/btrfs  
cd /tmp/btrfs  
btrfs subvolume create @
```

add " rootflags=subvol=@ " to grub kernel options

if update-grub fail check [this](#)

subvolumes

```
btrfs subvolume list -p /
```

create subvolume sub1

```
btrfs subvolume create <mnt-point-of-pool-or-subvolume>/sub1
```

take snapshot (thas is another subvolume)

```
btrfs subvolume snapshot <subvolume> <snap-path>
```

delete subvolume or snapshot

```
btrfs subvolume delete <path>
```

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