Several Methods to mount vm disk to host

Agenda:
- Qemu-nbd
- Guestmount
- Disk-attach (xen)

Qemu-nbd

Steps:

- Shutdown guest

- qemu-nbd -c /dev/nbd1 /var/lib/libvirt/images/sles-15-fcs-64-pv-def-net.qcow2

- Virt-filesystem -d guest to get which partition is system location.

- mount /dev/nbd1p2 /mnt

  Note: This way is applicable to guest with btrfs filestem

  and for both kvm and xen guests.

Guestmount

Steps:

- Shutdown guest

- guestmount -a /var/lib/libvirt/images/sles-15-fcs-64-pv-def-net.qcow2 --ro -m /dev/sda2:/var:acl,user_xattr:btrfs --ro /mnt

  Note: Have to indicate guest partition filesystem for btrfs, or all sub-volume folder will be empty.

block-attach

Steps:

- Shutdown guest

- xl block-attach Domain-0 qcow2:/var/lib/libvirt/images/sles-15-fcs-64-fv-def-net.qcow2 xvda w

- mount /dev/xvda2 /mnt

  Note: This way is applicable to guest with btrfs filestem and for xen guests.