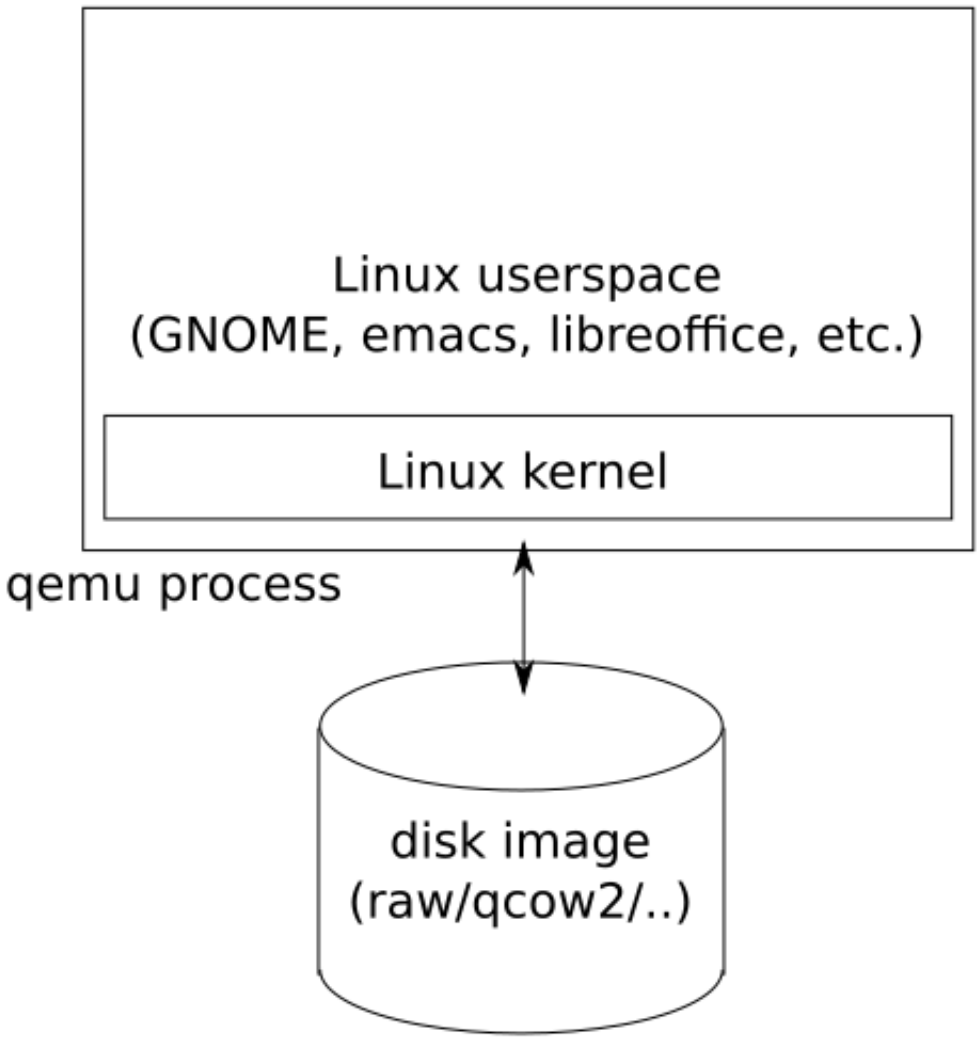
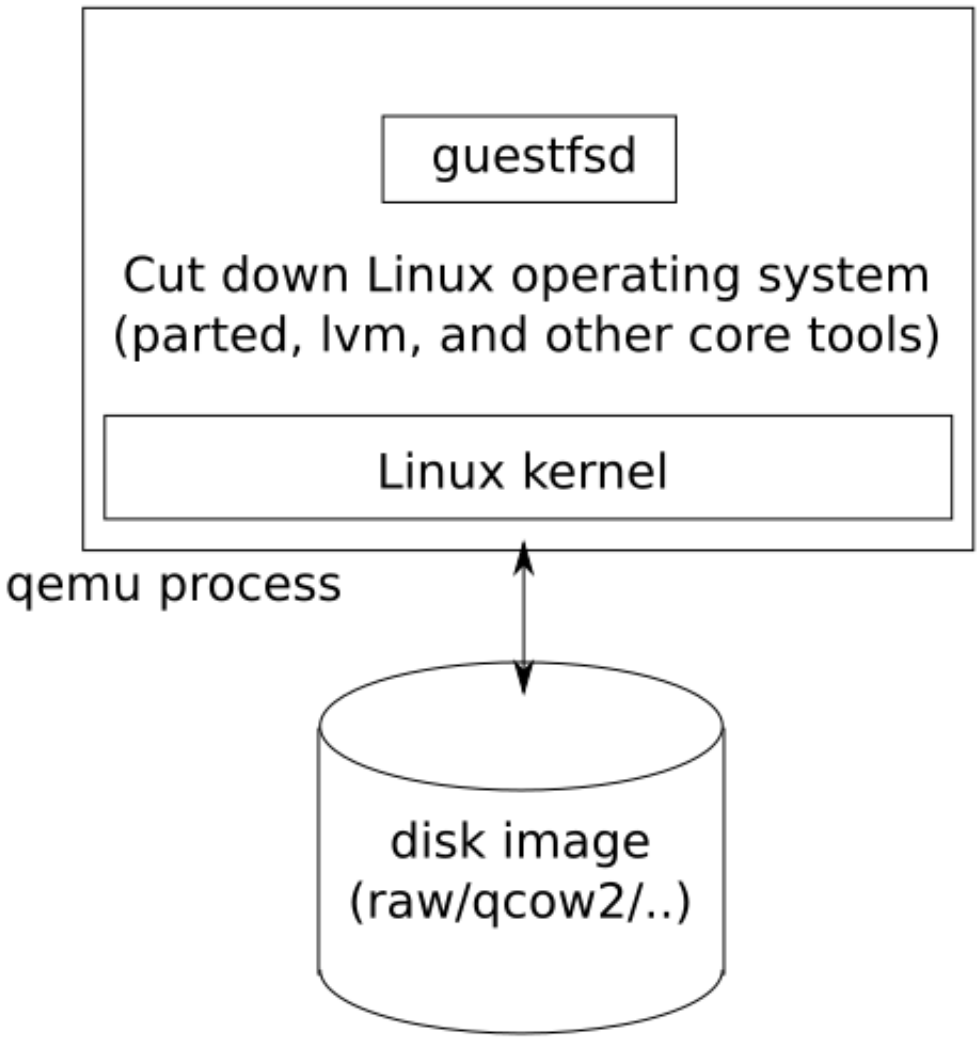
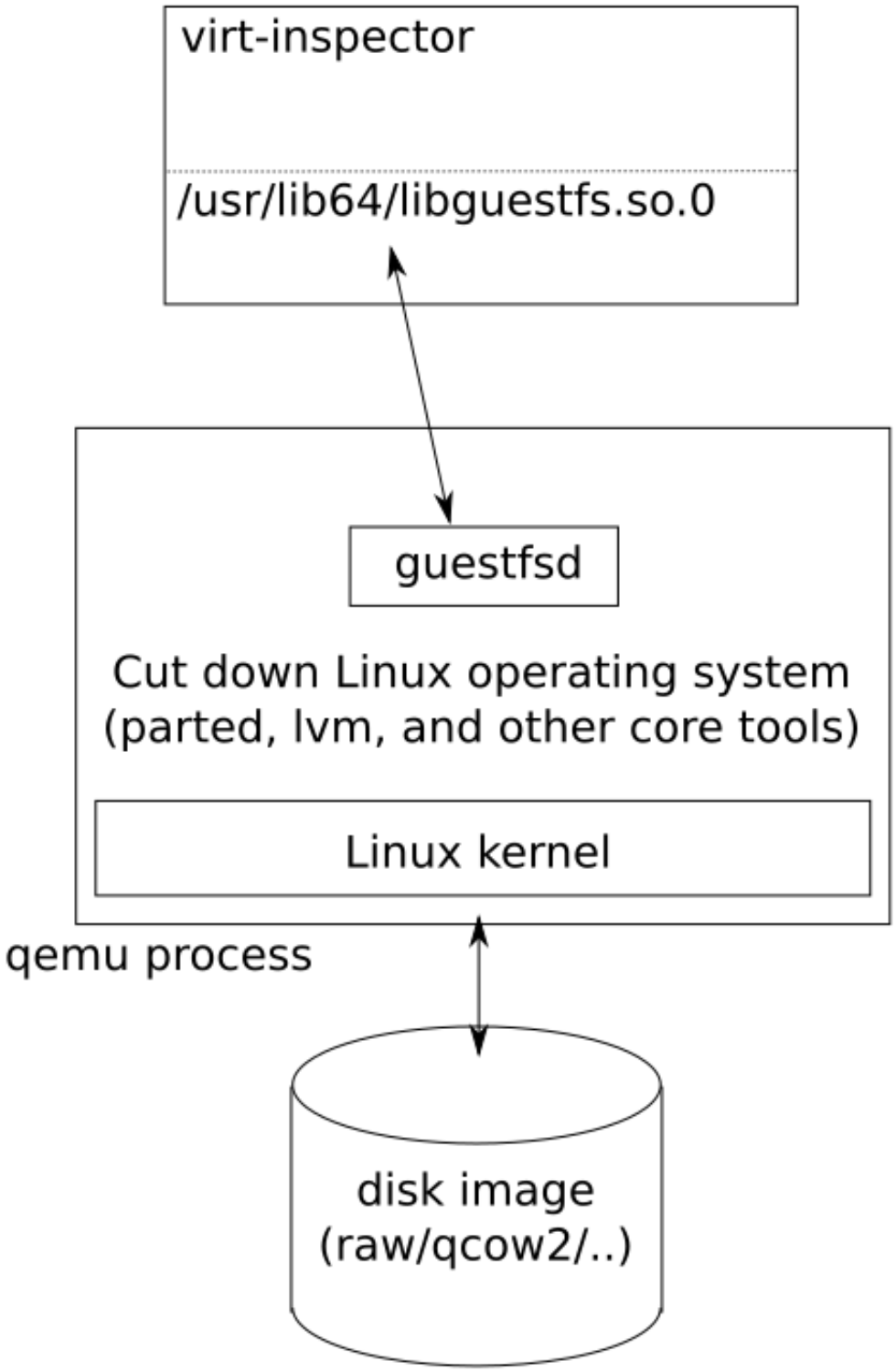
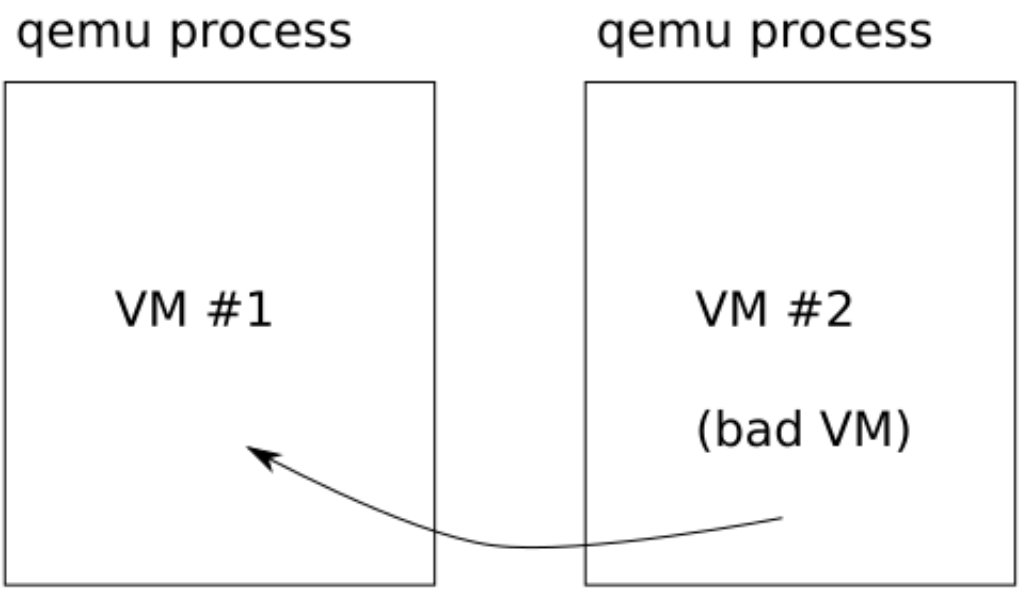
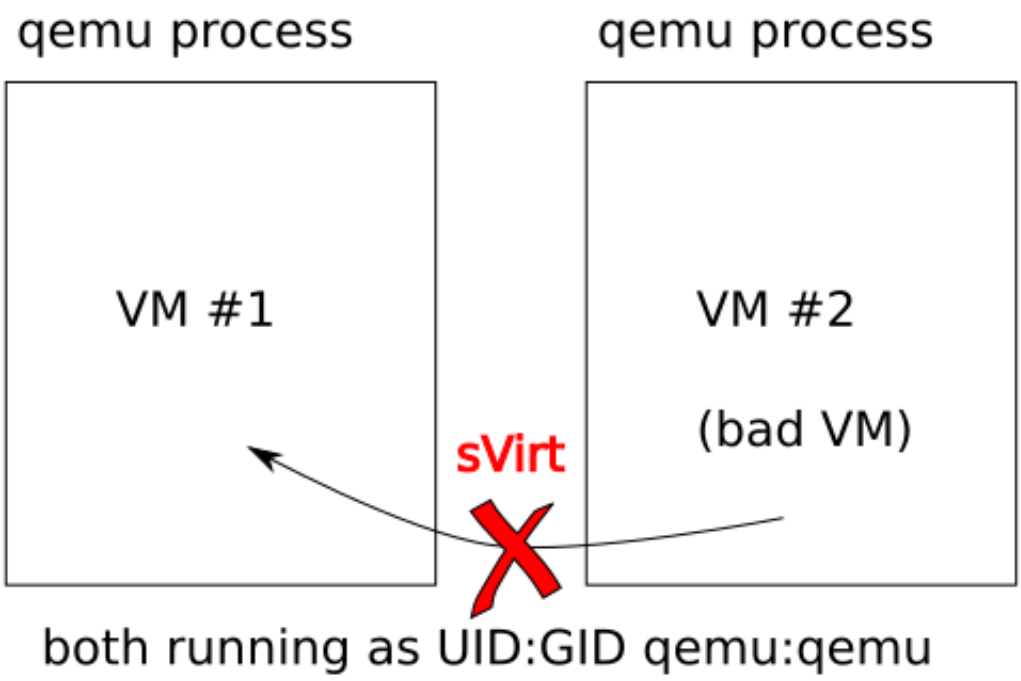

Linux userspace
(GNOME, emacs, libreoffice, etc.)
Linux kernel
qemu process
disk image
(raw/qcow2/..)

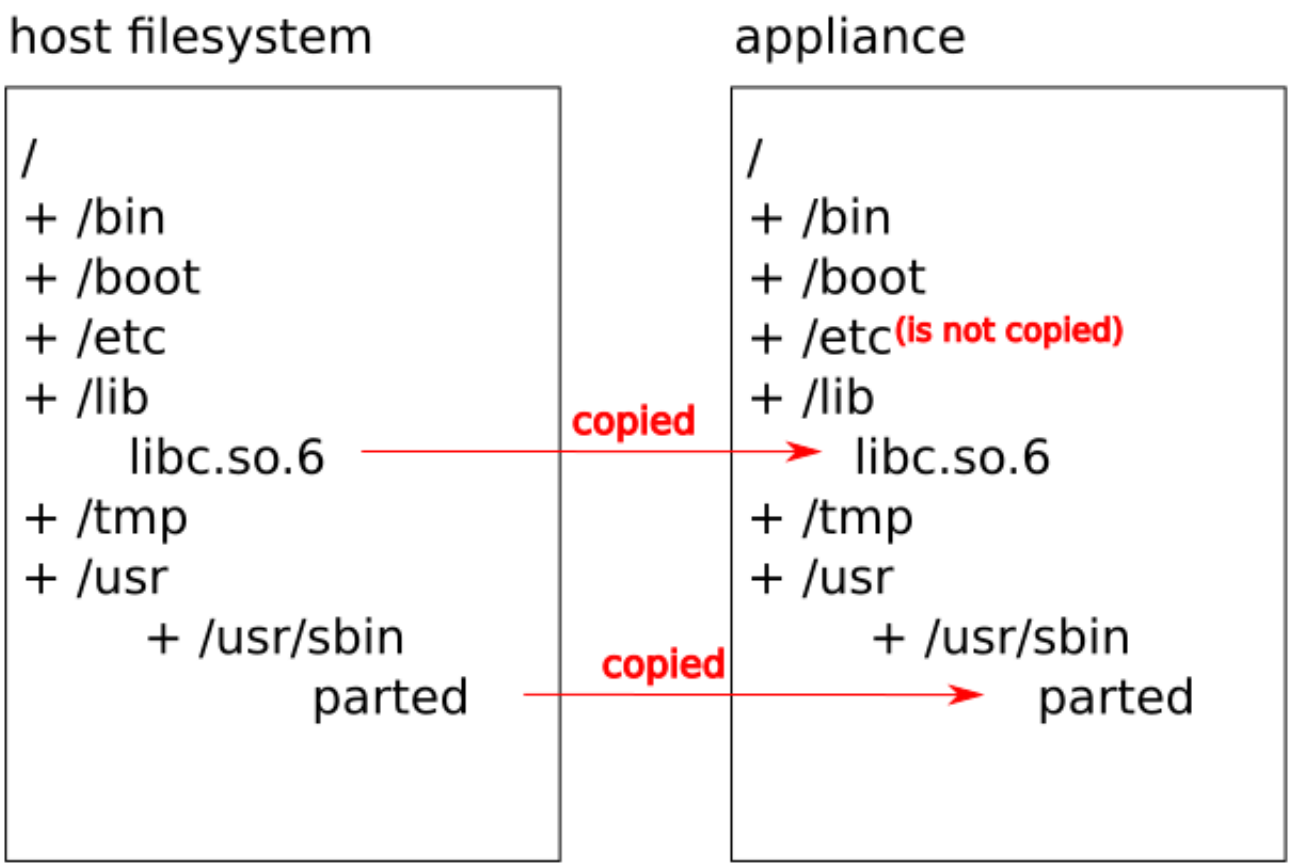

guestfsd
Cut down Linux operating system
(parted, lvm, and other core tools)
Linux kernel
qemu process
disk image
(raw/qcow2/..)


virt-inspector
/usr/lib64/libguestfs.so.0
guestfsd
Cut down Linux operating system
(parted, lvm, and other core tools)
Linux kernel
qemu process
disk image
(raw/qcow2/..)



both running as UID:GID qemu:qemu


qemu process
qemu process
VM #1
VM #2
(bad VM)
sVirt
both running as UID:GID qemu:qemu


host filesystem
/
+ /bin
+ /boot
+ /etc
+ /lib
libc.so.6
+ /tmp
+ /usr
+ /usr/sbin
parted
copied
copied
appliance
/
+ /bin
+ /boot
+ /etc
(is not copied)
+ /lib
libc.so.6
+ /tmp
+ /usr
+ /usr/sbin
parted