



[Docker Docs](#)

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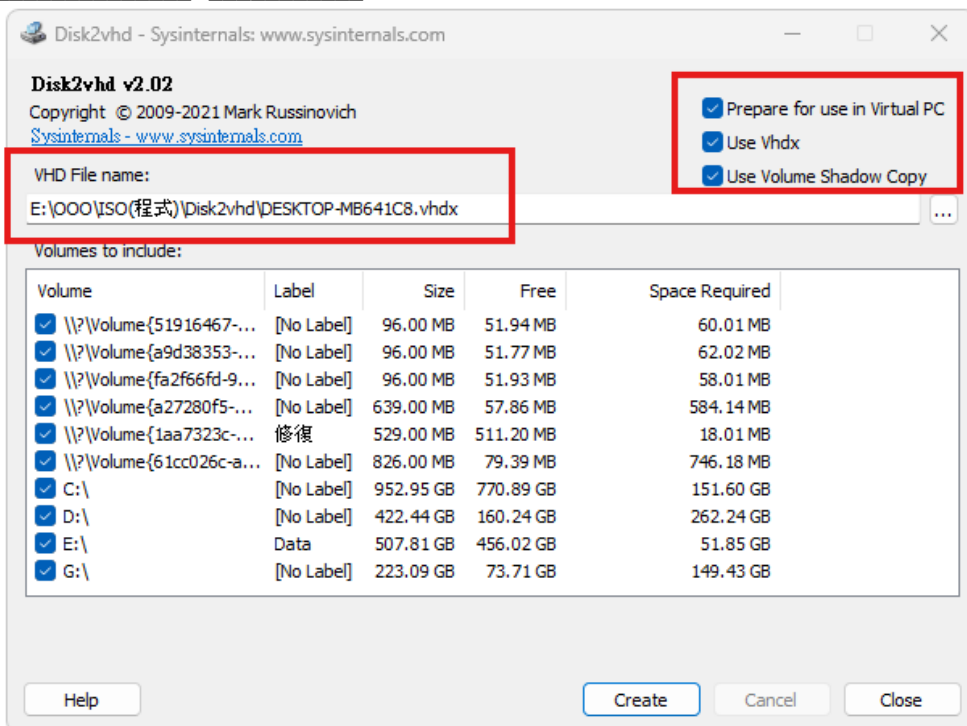
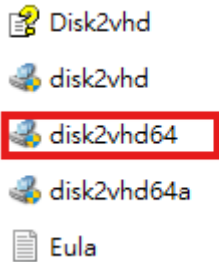
- [PVE Wiki](#)
- [PVE Wiki](#)
- [VirtualBox Wiki](#)



Windows disk2vhd virtualbox

disk2vhd

1. disk2vhd64.exe



2. .vhdx Virtualbox (Virtualbox)

```
VboxManage.exe clonehd "[VHDX.vhdx]" "[vdi.vdi]" -format vdi
```

1. Virtualbox
2. VDI|VMDK|VHD|RAW

3. Virtualbox



<https://youyouyou.pixnet.net/blog/post/121237292>


```
pvecm delnode (node name)
```

2FA

```
/etc/pve/user.cfg
```

raid1 or 5

```
sgdisk -R newdisk olddisk  
sgdisk -G newdisk  
dd if=/dev/olddisk1 of=/dev/newdisk1  
zpool replace rpool olddisk2 newdisk2 (f)
```

pve CVE-2018-3646

```
echo off > /sys/devices/system/cpu/smt/control CPU
```

pve

```
ls -l /dev/disk/by-id/  
vi /etc/pve/qemu-server/xxx(VMID).conf  
virtio0: /dev/disk/by-id/ata-ST2000DL003-9VT166_5YD1ZYK5,size=2000G
```

```
#
```

Pve virtio iso

```
https://fedorapeople.org/groups/virt/virtio-win/direct-downloads/archive-virtio/
```

ethtool

```
apt install ethtool -y
```

```
ethtool --identify
```



```
GRUB_CMDLINE_LINUX_DEFAULT="quiet intel_iommu=on"
```

```
pci
```

```
GRUB_CMDLINE_LINUX_DEFAULT="quiet intel_iommu=on pci_acs_override=downstream"
```

```
grub
```

```
update-grub
```

```
img
```

```
img iso PVE
```

```
nano /etc/pve/qemu-server/[].conf
```

```
pve
```

```
qm migrate <ID> <> --online --migration_network x.x.x.0/xx
```

```
PCI
```

```
amd intel cpu grub
```

Intel:

```
GRUB_CMDLINE_LINUX_DEFAULT=""
```

```
intel_iommu=on
```

```
GRUB_DEFAULT=0
GRUB_TIMEOUT=5
GRUB_DISTRIBUTOR=`lsb_release -i -s 2> /dev/null || echo Debian`
GRUB_CMDLINE_LINUX_DEFAULT="quiet intel_iommu=on"
GRUB_CMDLINE_LINUX=""
```

AMD:

```
GRUB_CMDLINE_LINUX_DEFAULT=""
```

```
amd_iommu=on
```

update-grub

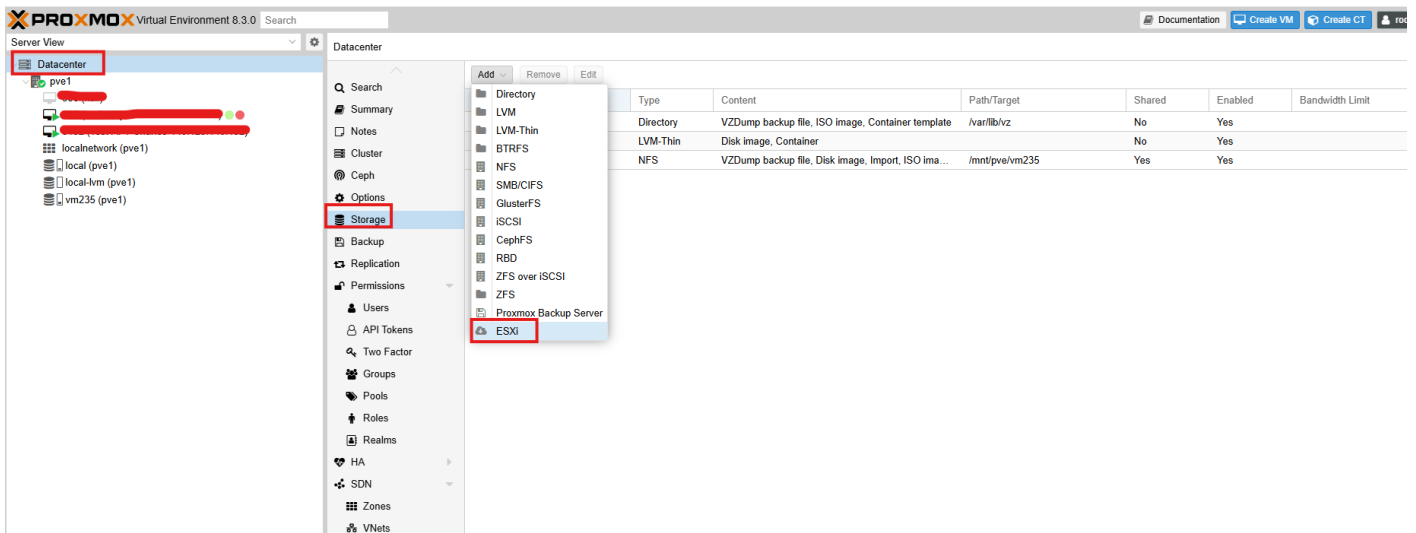
/etc/modules

```
#vfio
#vfio_iommu_type1
#vfio_pci
#vfio_virgfd
```

VMWare PVE

1:

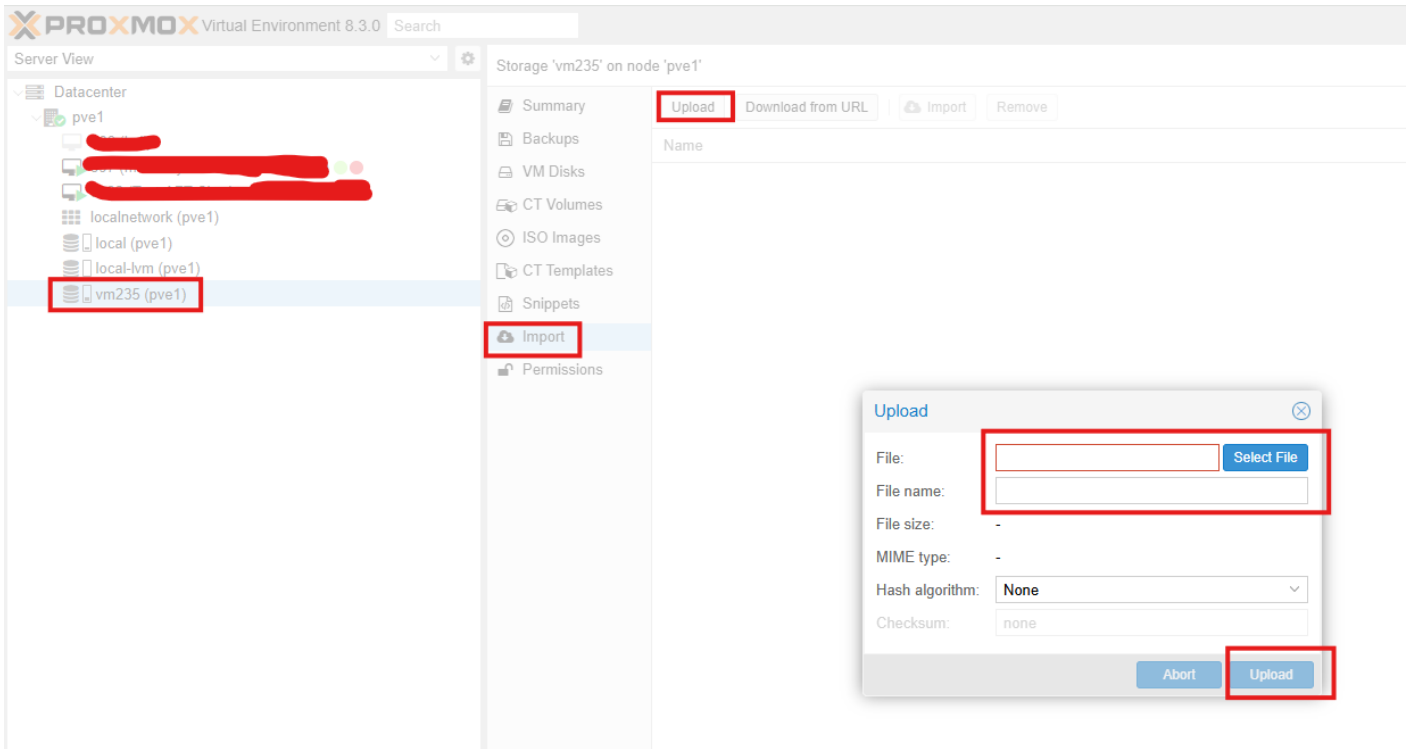
VMware 8.0 PVEB.2 GUI



VM

2:

GUI OVA PVE



Import PVE

VMWare OVA OVF OVA

```
tar -cvf VM.ova VM.ovf VM.vmdk VM.mf
```

VM

OVF (vmdk mf) PVE

1. scp PVE

```
scp <PVE> root@<IP>:<PVE>
```

2. qm importovf ovf

```
qm importovf {vmid} {VM name}.ovf {target storage}
```

```
qvmtools --fd raw, vmdk, qcow2? --cpu x86-64-v2-AES --scsihw virtio-scsi-single?????
?????GUI???????
```

3. Windows SATA IDE Unset SATA ide

3:

clonezilla qm disk import

```
qm disk import {target VMID} {vmdk file} {target storage}
```

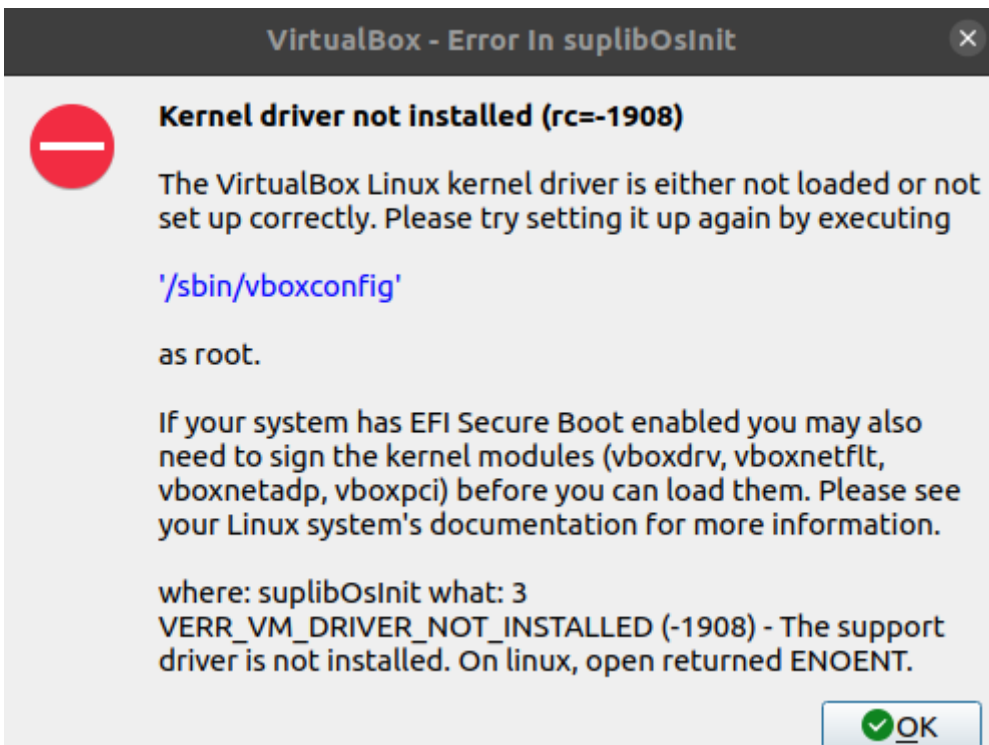

VirtualBox

headless

```
VBoxManage startvm "VM|uuid" --type headless
```

```
VBoxHeadless --startvm {VM|uuid}
```

kernel driver not installed(rc=-1908)



root[sudo]@virtualbox

```
sudo /sbin/vboxconfig
```

