

# Manual backup/restore of KVM VPS

## Backup

1. Stop the required VPS in **SolusVM > Virtual Servers > VPS > Shutdown**. Note VMID of VPS, for example, it is kvm101
2. Connect to the source slave node over SSH.
3. Find a logical volume of the VPS:

```
# lvs | grep "LV Path" | grep "kvm101"
LV Path /dev/yourvg/kvm101_img
```

4. Create a copy of the logical volume:

```
# dd if=/dev/yourvg/kvm101_img | gzip | dd of=/home/kvm101_backup.gz bs=4096
```

## Restore

1. Create a VPS in SolusVM with the same resources. Let's assume the VPS has kvm ID kvm101.
2. Restore the copy to the created logical volume:

```
# dd if=/home/kvm101_backup.gz | gzip -d | dd of=/dev/yourvg/kvm101_img bs=4096
```