

# Manual backup/restore of Xen VPS

## Backup

1. Stop the required VPS in **SolusVM > Virtual Servers > VPS > Shutdown**. Note VMID of VPS, for example, it is vm101.
2. Connect to the source slave node over SSH.
3. Find a logical volume of the VPS:

```
# lvs | grep "LV Path" | grep "vm101"  
LV Path                /dev/solusvm/vm101_img
```

4. Create a copy of the logical volume:

```
# dd if=/dev/yourvg/vm101_img | gzip | dd of=/home/vm101_backup.gz bs=4096
```

## Restore

1. Create a VPS at **SolusVM > Virtual Servers > Add Virtual Server**. Let's assume the VPS ID is vm101
2. Restore the copy to the created logical volume:

```
# dd if=/home/vm101_backup.gz | gzip -d | dd of=/dev/yourvg/vm101_img bs=4096
```