

# Partitioning for Xen Slave

- / 80GB+ as a standard ext4/ext3 primary partition.
- SWAP 4GB max as virtual servers will not use the hypervisor swap.
- Logical Volume Group (LVM) remaining space (Logical Volume Group Only, SolusVM will create the logical volumes for the virtual servers inside this group).



The physical extent size should be set to 32M not the Default of 4M. Example of configuration is below.

```
[root@xen-slave-1 ~]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sda          8:16  0   80G  0 disk
├─sda1       8:17  0    1G  0 part /boot
├─sda2       8:18  0   79G  0 part
├─centos-root 253:0  0   75G  0 lvm  /
└─centos-swap 253:1  0    4G  0 lvm  [SWAP]
sdb          8:0    0   80G  0 disk

[root@xen-slave-1 ~]# pvcreate /dev/sdb
Physical volume "/dev/sdb" successfully created.

[root@xen-slave-1 ~]# vgcreate -s 32M solusvm /dev/sdb
Volume group "solusvm" successfully created

[root@xen-slave-1 ~]# vgs
VG      #PV #LV #SN Attr   VSize   VFree
centos  1  2  0 wz--n- <79.00g 4.00m
solusvm 1  0  0 wz--n- <79.97g <79.97g
```