MORE ON SCANNING:

First find your host bus number

grep mpt /sys/class/scsi\_host/host?/proc\_name

Which should return a line like

/sys/class/scsi\_host/**host0**/proc\_name:mptspi

where host0 is the relevant field.

use this to rescan the bus with the following command

echo "- - -" > /sys/class/scsi\_host/host0/scan

echo “1” > /sys/class/fc\_host/host#/issue\_lip

or

echo “- - -” > /sys/class/scsi\_host/host#/scan

Find new disk under /dev/disk or use dmesg command.

If extending existing volume.

- vgextend volgroup /dev/sd\*

- lvextend -l +63999 /dev/VolGroup/lv00 -l = extents, -L = G or M

--lvextend -l +100%FREE /dev/VolGroup00/LogVol00

- resize2fs /dev/VolGroup/lv00

If creating new volume.

- vgcreate vol\_name /dev/sd\*

- lvcreate -L 10G -n datalv datavg

- mkfs.ext3 /dev/datavg/datalv

- mkdir /data

- mount /dev/datavg/datalv /data

Update /etc/fstab as needed.

**ADDING SWAP LV**

Create the LVM2 logical volume of size 2 GB:

# lvcreate VolGroup00 -n LogVol02 -L 2G

Format the new swap space:

# mkswap /dev/VolGroup00/LogVol02

Add the following entry to the /etc/fstab file:

/dev/VolGroup00/LogVol02 swap swap defaults 0 0

Enable the extended logical volume:

# swapon -v /dev/VolGroup00/LogVol02

To test if the logical volume was successfully created, use cat /proc/swaps or free to inspect the swap space.

**Reducing the size of a file system/LV**

umount /platform

e2fsck -f /dev/VolGroup02/LV\_platform

resize2fs /dev/VolGroup02/LV\_platform 50G

lvreduce --size 50G /dev/VolGroup02/LV\_platform

mount /platform