Add LUN to TSM server:

1. Cfgmgr – bring in the luns
2. Find last /dev/tsmstgxx name and add 1 number for next FS
3. Lsvg to find the storage pool it should go to.
   1. After each add, find the number off PP’s
4. Extendvg tsmstgpoolxx hdiskpowerxx
   1. Lsvg –p tsmstgpoolxx ----- check number of PPs
   2. Write down num of PPs per disk
5. Df –g to find the next LV name for the new disk.
6. Smit storage
   1. Logical Volumes
   2. Add Logical Volumes
   3. Tsmstgxx
   4. Num of logical partitions = number of PPs for the disk
   5. Physical volume name = hdiskpowerxx
   6. OR
      1. mklv -y'tsmstgxx' -t'jfs2' tsmstgpool05 *PPs* hdiskpowerxx
7. Smit fs
   1. Add Enhanced Filesystem
   2. Logical Volume Name = newly created LV in previous step
   3. Mount point = /tsmsinst1/TSMfilexx
   4. Mount options = rw,rbr,rbw,noatime
   5. Logical Volume for Log = INLINE
   6. OR
      1. crfs -v jfs2 -d'tsmstgxx' -m'/tsminst1/TSMfilexx' -A'yes' -p'rw' -a options='rw,rbw,rbr,noatime' -a agblksize='4096' -a logname='INLINE' -a isnapshot='no'
8. Check mounts to make sure all attributes are correct
   1. Type mount
      1. /dev/tsmstg84 /tsminst1/TSMfile84 jfs2 Sep 24 11:28 rw,rbw,rbr,noatime,log=INLINE
   2. If the device is not mounted
      1. mount /tsminst1/TSMfilexx
9. Once all filesystems are mounted, you must change the owners
   1. Chown tsminst1.tsmsrvrs /tsminst1/TSMfilexx
      1. The owners may be different from this example.

LUN LARGER THAN WHAT VG ALLOWS

If the vg’s PP’s need to be increased to allow for the larger LUN, run the below command. Sub for the in for 1, 2, 4, 8, 16, 32, etc.

1. Chvg –t 4 *vgname*