Title: Adding a disk to a volume group that has a Business Copy
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The time will come when a volume group needs extending that has an associated business copy(s). In this instance and equal amount of LUNS will be needed for both the volume group and the BC, get these from your local friendly storage rep.

As with any disk work it is always a good idea to check that the LUNS aren't used anywhere else in the system, better safe than sorry and all that:
strings /etc/lvmtab |grep <disk>

Pvcreate the disks if needed:
Pvcreate –f /dev/rdsk/<disk>

Check the status of the business copy:
pairdisplay –g <bc_vgname> -fcd |more
ensure all volumes have a PSUS or SSUS state.

Add the disk(s) to the volume group you want to extend and the alternates
vgextend <vgname> /dev/dsk/<disk> /dev/dsk/<alternate disk>

Obtain the location of the LUNs within the array:
ls /dev/rsdk/* |raidscan –find –fx |grep –e <disk>
Note down the interface, target and LUN figures for each disk

Now we need to add the extra LUNS to the primary and business copy groups. Edit /etc/horcm0.conf and locate the existing bc group name. Add a new line(s) for each disk giving it a unique disk_name, use the interface, target and LUN from the raidscan command above.

We now need to add an entry into /etc/horcm1.conf for the business copy disk(s), use the same disk_name as used in horcm0 but obviously use the different interface, target and LUN.

Once you are happy restart HORCM:
/sbin/init.d/horcm stop
/sbin/init.d/horcm start
On startup it will complain if anything is wrong.

Check the value of the HORCMINST variable:
env |grep HORCM
Ensure this equals 0, so it copies from 0 → 1

Because we are not creating a whole business copy we only need to create a pair between the newly added disks:

paircreate –g <bc_vgname> -d<unique disk_name> -vl

Check the status of the newly created pair:
pairdisplay –g <bc_vgname> -fcd |more
Keep checking until the pairs read PAIR with 99 or 100%

The logical volume can now be extended with the free space we added earlier to the volume group.
lvextend –L <new size> <logical volume>
fsadm –F vxfs –b <new size>M <filesystem>

There is no real need to split the newly created pairs, as it will sort itself out the next time the whole business copy is merged and split.

Don't forget to update the storage reps with the name of the vg the disk(s) have been extended into.