**Adding Filesystems to HA**

If the database needs to be expanded, a new shared LUN will need to be mapped to the servers and multipath.conf will need to be edited. In order to create a new Logical Volume (on the new LUN) inside of datavg, you will need to perform the following steps:

- Unmanage the HA-LVM resource

pcs resource unmanage <lvm resource>

- Temporarily comment out *volume\_list = [ "rootvg", "appsvg" ]* inside of /etc/lvm/lvm.conf

- Create the Logical Volume

- Create the Filesystem

- Uncomment *volume\_list = [ "rootvg", "appsvg" ]* inside /etc/lvm/lvm.conf

- Create the directory the filesystem will be mounted to

- Re-Manage the HA-LVM resource

pcs resource manage <lvm resource>

- Create the filesystem mount inside the resource group

Example: pcs resource create **db2index11** Filesystem device="**/dev/datavg/db2index11lv**" directory="**/db2index11/p1**" fstype="ext4" --group db2\_group

- Move the new resource into the appropriate order

Example: pcs resource group add db2\_group **db2index11** --after db2index10