**Adding LUNs to ODS – db2 and multipath.conf Setup**

When setting up physical servers with shared storage, configure all LUNs first before starting HA setup. The multipath package needs to be installed first. Then multipath.conf can to be configured for HA.

**1. Install all required packages**

yum install device-mapper-multipath.x86\_64

**2. Discover host names for SAN adapters**

ls /sys/class/fc\_host/

**3. Add LUNs mapped to all SAN adapters**

echo “1” > /sys/class/fc\_host/host1/issue\_lip

echo “1” > /sys/class/fc\_host/host4/issue\_lip

**4. Start and Enable the multipath service**

systemctl start multipathd.service; systemctl enable multipathd.service

**5. Run the multipath command see available LUNs**

multipath -ll

**6. Edit multipath for HA setup**

NOTES: Aliases makes things easier to manage LUN’s so that’s what was used for the ODS setup.

For HA fencing to function properly, a unique reservation key must be set for each server.

ex/ pwauslodsdb0101 = 0x1, pwauslodsdb0102 = 0x2

vim /etc/multipath.conf

On pwauslodsdb0101:

## Use user friendly names, instead of using WWIDs as names.

defaults {

# user\_friendly\_names yes

find\_multipaths yes

**reservation\_key 0x1**

}

#

#

multipaths {

multipath {

wwid 3600507680181056bb0000000000012bc

alias appsvg\_ibm-db2\_db2-audit

path\_grouping\_policy multibus

path\_selector "round-robin 0"

}

}

**7. Reload** **the multipath service**

systemctl reload multipathd.service

**8. Copy edited multipath.conf from pwauslodsdb0101 to pwauslodsdb0102**

On pwauslodsdb0102:

Change LUN info inside multipath.conffor appsvg. Then change reservation\_key to 0x2

**9. Reload** **the multipath service**

systemctl reload multipathd.service

**10. Continue with doc: *RedHat HA Setup for ODS – db2 (2 node cluster and quorum device)***