# Commands to Stop/Start nodes:

**Shutdown crs on nodes one at a time**

**On cds4stl40:**

./srvctl stop instance -d tifw -i tifw1

./srvctl stop instance -d tfcn -i tfcn1

./srvctl stop instance -d tipv -i tipv1

./srvctl stop instance -d tpxp -i tpxp1

./srvctl stop asm –n cds4stl40

./srvctl stop nodeapps –n cds4stl40

#check all the instances and services are running on the other node cds4stl41

./crs\_stat –t

***Apply the CPU patches and restart the instances***

./srvctl start nodeapps –n cds4stl40

./srvctl start asm –n cds4stl40

./srvctl start instance -d tifw -i tifw1

./srvctl start instance -d tfcn -i tfcn1

./srvctl start instance -d tipv -i tipv1

./srvctl start instance -d tpxp -i tpxp1

#confirm all the instances and services are running on cds4stl40

./crs\_stat –t

# if any of the services are not up, start them manually

./srvctl start service -d <dbname>

**Shutdown On cds4stl41:**

./srvctl stop instance -d tifw -i tifw2

./srvctl stop instance -d tfcn -i tfcn2

./srvctl stop instance -d tipv -i tipv2

./srvctl stop instance -d tpxp -i tpxp2

./srvctl stop asm –n cds4stl41

./srvctl stop nodeapps –n cds4stl41

#check all the instances and services are running on the other node cds4stl41

./crs\_stat –t

***Apply the CPU patches and restart the instances***

./srvctl start nodeapps –n cds4stl41

./srvctl start asm –n cds4stl41

./srvctl start instance -d tifw -i tifw2

./srvctl start instance -d tfcn -i tfcn2

./srvctl start instance -d tipv -i tipv2

./srvctl start instance -d tpxp -i tpxp2

#confirm all the instances and services are running on cds4stl41

./crs\_stat –t

# if any of the services are not up, start them manually

./srvctl start service -d <dbname>

**Shutdown On cds4stl44:**

./srvctl stop instance -d tifw -i tifw3

./srvctl stop instance -d tfcn -i tfcn3

./srvctl stop instance -d tipv -i tipv3

./srvctl stop instance -d tpxp -i tpxp3

./srvctl stop asm –n cds4stl44

./srvctl stop nodeapps –n cds4tl44

#check all the instances and services are running on the other node cds4stl41

./crs\_stat –t

***Apply the CPU patches and restart the instances***

./srvctl start nodeapps –n cds4stl44

./srvctl start asm –n cds4stl44

./srvctl start instance -d tifw -i tifw3

./srvctl start instance -d tfcn -i tfcn3

./srvctl start instance -d tipv -i tipv3

./srvctl start instance -d tpxp -i tpxp3

#confirm all the instances and services are running on cds4stl44

./crs\_stat –t

# if any of the services are not up, start them manually

./srvctl start service -d <dbname>