

- Change the GPFS tiebreaker disk by running the following commands as the root user:

```
# db2cluster -cfs -set -tiebreaker -majority
The quorum type has been successfully change to 'majority'.
# db2cluster -cfs -set -tiebreaker -disk /dev/hdisk151/
The quorum has been successfully changed to 'disk'.
```

- Exit maintenance mode by running the following commands as the root user:

```
# db2cluster -cm -exit -maintenance -all
Host 'hostname1' has exited maintenance mode. Domain
'db2domain_20130718132645' has been started.
# db2cluster -cfs -exit -maintenance -all
The shared file system has successfully exited maintenance mode.
```

- Start the DB2 instance by running the following command as the DB2 instance user:

```
$ db2start instance on hostname1
$ db2start instance on hostname2
$ db2start
```

## Changing the TSA tiebreaker disk

Finally, the TSA tiebreaker disk should be changed to a disk from the new EMC storage. This work can be done while the DB2 pureScale cluster is online. In the scenario, a new disk that is named hdisk200 from EMC storage is set as new TSA tiebreaker.

Complete the following steps:

- Check the current TSA tiebreaker disk by running the following command as the DB2 instance user or the root user:

```
$ db2cluster -cm -list -tiebreaker
The current quorum device is of type Disk with the following specifics:
DEVICE=/dev/hdisk2.
```

- Change the TSA tiebreaker disk by running the following command as the root user:

```
# db2cluster -cm -set -tiebreaker -disk /dev/hdisk200
Configuring quorum device for domain 'db2domain_20130718132645' ...
Configuring quorum device for domain 'db2domain_20130718132645' was
successful.
```

## Summary

Consider the following points:

- Multiple disks can be added to file systems by running one command, and multiple commands against multiple file systems can be run in parallel.
- In the process of adding disks to a GPFS file system, there might be a delay when the applications access the file system during the allocation of disk maps.
- Depending on the storage vendor product, GPFS rebalancing might happen when you add disks. You must confirm whether the GPFS rebalancing was done to the new disks; if not, the GPFS rebalancing must be done manually.