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```
[root@ltfseecachesrv ~]# systemctl stop hsm
[root@ltfseecachesrv ~]# mmumount all -a
Wed Mar 22 13:31:44 MST 2017: mmumount: Unmounting file systems ...
[root@ltfseecachesrv ~]# mmshutdown -a
Wed Mar 22 13:31:56 MST 2017: mmshutdown: Starting force unmount of GPFS file
systems
Wed Mar 22 13:32:01 MST 2017: mmshutdown: Shutting down GPFS daemons
ltfseecachesrv.tuc.stglabs.ibm.com: Shutting down!
ltfseecachesrv.tuc.stglabs.ibm.com: 'shutdown' command about to kill process
24101
ltfseecachesrv.tuc.stglabs.ibm.com: Unloading modules from
/lib/modules/3.10.0-229.el7.x86_64/extra
ltfseecachesrv.tuc.stglabs.ibm.com: Unloading module mmfs26
ltfseecachesrv.tuc.stglabs.ibm.com: Unloading module mmfslinux
Wed Mar 22 13:32:10 MST 2017: mmshutdown: Finished
```

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8. With IBM Spectrum Archive EE and IBM Spectrum Scale both shut down, set the gateway nodes if they have not been set when IBM Spectrum Scale was configured by using the command in Example 6-22.

*Example 6-22 Setting a gateway node*

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```
[root@ltfseecachesrv ~]# mmchnode --gateway -N ltfseecachesrv
Tue Mar 21 16:49:16 MST 2017: mmchnode: Processing node
ltfseecachesrv.tuc.stglabs.ibm.com
[root@ltfseecachesrv ~]#
```

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9. Properly start IBM Spectrum Scale by using the commands in Example 6-23.

*Example 6-23 Starting IBM Spectrum Scale*

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```
[root@ltfseecachesrv ~]# mmstartup -a
Wed Mar 22 13:41:02 MST 2017: mmstartup: Starting GPFS ...
[root@ltfseecachesrv ~]# mmmount all -a
Wed Mar 22 13:41:22 MST 2017: mmmount: Mounting file systems ...
[root@ltfseecachesrv ~]# systemctl start hsm
[root@ltfseecachesrv ~]# dsmmigfs start
IBM Spectrum Protect
Command Line Space Management Client Interface
Client Version 8, Release 1, Level 0.0
Client date/time: 03/22/2017 13:41:36
```

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```
[root@ltfseecachesrv ~]# dsmmigfs enablefailover
IBM Spectrum Protect
Command Line Space Management Client Interface
Client Version 8, Release 1, Level 0.0
Client date/time: 03/22/2017 13:41:41
```

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Automatic failover is enabled on this node in mode ENABLED.

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