

Farm Server Shutdown

The following commands should be used whenever possible in order to gracefully shutdown the hepfm000 or cse000 server, to ensure that slaves do not crash running jobs. The main reason for these steps is that during server reboot, there is a brief window when the server is up but nfs is not running yet, so a slave that is waiting on an nfs request from /home may error-out instead of just continuing to wait. Jobs that are running are using /home constantly for binaries and parameter files.

As mcfarm.....

```
# pause all running jobs
```

```
pause_job /scr0*/run/*
```

```
# end all gathering – the wait argument lets it get past an in-process gather... If it waits for more than 10 minutes, it is probably dead or damaged – control-break to end the stop attempt and proceed.
```

```
rlogin hepfm004
stop_gather --wait
exit
rlogin hepfm005
stop_gather --wait
exit
stop_farm
```

```
# Now you can reboot the server.
# When you can again log in as mcfarm...
```

```
start_farm
resume_job /scr0*/run/*
rlogin hepfm004
start_gather --m=sam
exit
rlogin hepfm005
start_gather --m=sam
exit
```