

Workload Management: How do I upgrade a Torque package?

1. *Kill all torque jobs.*
2. *Backup the torque configuration:*
`qmgr -c "p s" > /root/qmgr.backup`
3. *Disable torque:*
`wlm-setup -w torque -d`
4. *Update torque and openmpi on head node and in software images:*
`yum update torque torque-client openmpi*`
`yum update torque-client openmpi* --installroot=/cm/images/<software image name>`
5. *Propagate software image(s) to compute nodes.*
6. *Load new module:*
`module unload torque`
`module load torque`
7. *Setup default torque configuration:*
`wlm-setup -w torque -s`
8. *Check managers*
Move the line for the first server manager (`set server managers = root@...`) to the beginning of `qmgr.backup` text file. Any other server managers should also be moved and appended (`set server managers += user@...`) as lines immediately after the first line.
9. *Restore old torque configuration:*
`cat /root/qmgr.backup | qmgr -e`

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