

# Checklist slurm upgrade

1. ✓ stop slurm accross the cluster (slurmctld, slurmdbd, slurmd)
2. ✓ dump mysql database 'slurmaccounting\_cep4' at lcs032 (see lcs032:/usr/local/bin/mysql\_backup.sh)
3. ✓ dump slurm accounts and reservations on head01:

```
scontrol show res -o > /root/slurm/reservations.`date +%a`.txt  
sacctmgr dump lofar_cep3 File=/root/slurm/sacctmgr.`date +%a`.dump  
sacctmgr show qos > /root/slurm/qos.`date +%a`.dump
```

4. create backup of /data/home/slurm
5. yum remove slurm slurm-slurmdbd slurm-sql slurm-plugins
6. yum install slurm slurm-slurmctld etc...
7. start slurm on head node
8. check accounts / users: sacctmgr
9. check cobalt reservation; scontrol show res
10. start nodes. Check sinfo -R.

In case accounts need to be recreated:

```
sacctmgr create qos inspectionplots Priority=10 Preempt=normal  
sacctmgr create qos permanent Priority=20]  
sacctmgr load sacctmgr.Thu.dump
```

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