



HAMBURG • ZEUTHEN

Status NAF

Yves Kemp

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Changes

- **Converted one Batch-WN to third Atlas-WGS**
- **Added new hardware to grid-ce3**
 - Share to be adapted for .../de VOMS groups
- **Some hardware awaiting installation**
- **Kernel upgrade: See Stephans advisory**
- **We want to upgrade Java to 1.6**
- **Last RPM changes: Try `rpm -qa --last`**

Current problems

- **“Sudden Death” of Workernodes**
 - Nodes shut down without notification in log files
 - No HW failure
 - Under investigation
 - Most probable suspect: Lustre problem
- **Atlas SW compilation shows bad scaling behavior**
 - Under investigation with WolfgangE
 - Very first hint: underlying CMT problem

WGS occupancy

- **Problem: Atlas user complaining about too much user load on WGS**
- **One solution: Third WGS**
 - Will not scale...
- **Both Atlas and operators don't want to put limits on processes on WGS**
 - Instead: “Social monitoring”
- **No special tools provided by operators**
 - Try OS tools like top, sar, dstat, or vmstat
 - Will do a web page with this
- **Not to forget: Use the batch system!**
 - Do you know qysh? (interactive shell on a batch node)

Resource occupancy

- No plots this time:
 - Use the pages provided under <http://naf.desy.de/nuc> yourself :-)



NAF-Helpdesk statistics:

- **#13 NAF account creation**
- **#10 NAF account troubles (DN...)**
- **#13 NAF-AFS access (Quota, troubles...)**
- **#10 NAF performance (Scheduling...)**
- **#3 NAF Software Support (Products and responsibility)**
 - **#1 NAF X11 troubles**
- **Total: 47 tickets**