

ATLAS Computing @ RZG

Status

Stefan Kluth, 25.07.05

Operation: hardware

- Repeated disk failures in fileservers
 - about 25% now (Maxtor 7Y250M)
- Suppliers actively investigate the problem
 - Maxtor engineer diagnosed overheating
 - Arranged to test new Maxtor disks in one system at RZG
 - Maxtor promised shipment of 12 new disks but we are still waiting
- Still plan to increase disk capacity this year

Operation: hardware

- Additional RAM delivered
 - 56 x 1GB IBM modules
 - limited tender (six companies)
 - 11.424,00 Euro with update GmbH (delivered used modules)
- Installation
 - 28 nodes with 4 GB (v01 to v14, w01 to w14)

Operation: SGE

- Batch queue management
 - reminder: functional shares 10/30/30/30 for users/ATLAS/MAGIC/GRID
 - please use resource requirements for RAM and CPU time
 - `qsub -l v_hmem=2G`
 - `qsub -l h_cpu=1:00:00`
 - SGE selects correct queues
 - queue changes will be transparent to users

LCG @ MPI/RZG

- still almost ready
- “we” (FZK, RZG) are fixing small bugs
- expect tests with MAGIC
- ATLAS tests after MAGIC works
- Still plan to be on Grid for FZK school and DC3

Summary

- Follow-up of hard disk failures ongoing
- Additional 56 GB RAM installed
- Please use resource requirements
- Still only slow progress with LCG