ATLAS Computing @ RZG

Status

Stefan Kluth, 24.10.05

Operation: hardware

- Repeated disk failures in fileservers

  – about 25% now (Maxtor 7Y250M)

- Suppliers actively investigate the problem

  – 12 new disks on loan in mpp-fs4 (ATLAS)

  – 1 disk died (correction w.r.t. last meeting)

- 12 Seagate 250 GB "24x7" disks ordered

  – put into fileserver once 12 disks loaned from Maxtor returned

Hardware: new file servers

- Need to increase disk capacity
  - pledge 20 TB to WLCG for 2006

- RZG Technology for now
  - SATA RAID (16 x 500 GB) with headnodes
    - cost 11,2 k€ / 8 TB is actually cheaper

- Long-term test with Transtec
  - SATA RAID server Transtec 12 disks
    - same concept+price (5 k€/3 TB), different hardware
    - 3 months try+buy (or return)
  - postpone to next year

LCG @ MPI/RZG

- Basic installation ready

  – Thanks to Ariel, Alberto and Denis!

  – interface LCG ↔ SGE + afs

  – CHEP 2006 contribution

- Tests with MAGIC successful

  – jobs submitted by hand using "edg-job-submit"

- ATLAS tests this week

  – Nektarios and Günter Duckeck

- For ATLAS need site qualification now

Summary

- Follow-up of hard disk failures
  - Test with 12 new Maxtor disks unconclusive
  - 12 Seagate disks on order
- LCG@RZG basic install ready
  - now test, then site qualification
- Planning for Munich Tier-2 centre