ATLAS Computing @ RZG

Status

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RZG Status

- Hardware

  – new Maxtor MaxLine III 300 GB disks still ok

  – one fileserver returned after repair

- Operation

  – dedicated interactive node: s01

  – dedicated short queues on s01

  – still intermittent afs problems (?)

LCG @ MPI/RZG

- Basic installation ready
  - Thanks to Ariel, Alberto and Denis!
  - interface LCG ↔ SGE + afs
  - CHEP 2006 poster
- For ATLAS site qualification
  - Sven Hermann and Ariel (FZK), Alberto (RZG), SK
  - one critical test ("rm") failing
  - otherwise ready
  - investigate and solve "rm" test

Site Functional Tests

MDT calibration centre

- Near-online calibration of MDT detectors

  – ROI MDT data from Level2 trigger

  – calibrate within 24h

  – three offsite centres (Munich, Rome, Michigan)

- Operation

  – need scheduled resources (CPU and disk)

  – need stable WAN bandwidth

MDT calibration centre

- Current planning
  - ca. 30 CPUs this year (ca. 40-50 k€)
  - ca. 50 CPUs until 5/2007
  - ca. 3 TB online disk (ca. 5-6 k€)

- Integration with Munich Tier-2
  - expand Tier2 by additional resources
  - configure SGE to guarantee resources

- Collaboration with LMU
  - LMU/LRZ provide backup capacity