ATLAS Computing @ RZG and MPP

Status

Stefan Kluth, 20.11.06

RZG Status

- Hardware

  – running fine ...

- Operation

  – please report problems! support@rzg.mpg.de,
    cc to skluth@mppmu.mpg.de

- Software

  – ATLAS offline 12.0.3

  – dcache storage available

    - please ask for access rights via support

    - direct access from MPP possible

LCG @ RZG

- LCG status

  – certified since 31.05.2006 ☺

  – upgraded to LCG 3.01/glite

  – integrate "srm" functions (dcache) with new fileservers

- LCG operations

  – sft "green" on regular basis

  – automatic "LCG" ATLAS sw installs fail

New hardware at RZG 2006

- CPU
  - IBM BladeCenter, 14 HS20 dual Xeon 3.2 Ghz, 4 GB RAM, ca. 40kSi2k
  - on order (systemWorkx)
  - one already delivered (MDT)

- Disk
  - 28 TB, RAID5 hot-spare or RAID6, 50 MB/s per TB
  - 4 servers on order (sysGen)

- Two new racks + assorted equipment

ATLAS D Computing Meeting

- Heidelberg, 16.11.2006
    - see indico.cern.ch ATLAS D meetings
    - Tier1/2 roles ("universal")
    - need for ATLAS experiment contact at FZK
    - Discussion of list of tasks/persons
    - DESY analysis centre
    - Munich Tier2 (LMU/MPI) not yet in production
    - Quality of support for CMS vs ATLAS at FZK/DESY?

Budget Requests 2007

- Increase RZG capacity for 2007

  - ca. 70 TB storage, 2 stages before and after 2007 LHC technical run (2 x 35 kEuro)

  - ca. 100 kSi2k CPU (100 kEuro)

  - LAN equipment (15 kEuro)

- Local computing:

  - replace 10 PCs (10 kEuro)

  - ATLAS account server(s) (10 kEuro)

- Your needs here (? kEuro)