ATLAS Computing @ RZG and MPP

Status

Stefan Kluth, 21.05.07

RZG Status

- ## New hardware

  - 5 new sysGen fileservers (35 TB)

  - 1 IBM BladeCenter, 14 HS20 dual Xeon 3.2 GHz (ca. 40 kSi2k)

- ## Operation

  - no problems ...

- ## Software

  - ATLAS offline 12.0.6 with patches

  - dcache updated to 1.7

LCG @ RZG

- LCG status

  - integrate "srm" functions (dcache) with new fileservers ongoing

- LCG operations

  - sft "green" on regular basis

- LCG to do

  - automatic "LCG" ATLAS sw installs?

  - LCG ATLAS jobs?

  - support MDT calibration center data transfers

New hardware at RZG 2007

- BAR grant ATLAS+MAGIC:

    - 400 kEuro from GV, ca. 120 kEuro MPP

- CPU

    - 3 IBM BladeCenter, 14 HS21 dual quad core Xeon 5345 2,33 GHz, 16 GB RAM, ca. 800 kSi2k, order soon

- Disk (ca. 180 TB)

    - evaluate Sun x4500, NEC (FZK) or Intel

- Large modular 10 GB/s LAN switch

ATLAS D Computing Meeting

- Bonn, 07.05.2007

  - see indico.cern.ch ATLAS D meetings

  - atlas-germany-computing@desy.de

  - Tier-3 at universities discussion

  - DDM bug tracking via GGUS (gus.fzk.de)

  - GANGA presentation (Elmshäuser, LMU)

  - DESY national analysis facility (NAF)

  - GridKa school 2007 gks07.fzk.de

Computing at MPP

- Debian 4.0 (etch) released

  - linux 2.6.18, xorg 7.1, OOorg 2.0.4, gcc-4.1 (2.95, 3.3, 3.4), acroread 7.0.9, kde 3.5.5, MS fonts, ...

  - works fine on laptops

  - Uwe is preparing new image

  - need to test ATLAS sw, upgrade soon

  - special requirements? mail to skluth/uwl

- Grid-ui and GANGA @ MPP