ATLAS Computing @ RZG and MPP

Status

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New hardware at RZG 2008

- CPU

  – 4 IBM BladeCenter, 14 HS21 dual quad core Xeon 5345 2,33 GHz, 16 GB RAM

  – in service mid-May (power limitations)

- Disk (ca. 250 TB netto)

  – 14 Intel SSR212MC2 servers + JBOD (12+16 750 GB SATA disks), 4 GB RAM, 2 Xeon 5310, hardware RAID, 10 GbE LAN

  – in production!

Status of LCG/glite@RZG

- CE

  - ok, but still on SL3

  - install as virtual servers this week on new hw

- SE

  - separate monbox and new SE

  - install as virtual servers this week on new hw

  - new SE will support SRM 2.2

- Downtime for grid jobs tommorrow

ATLAS Production

- ATLAS sw installation working

  - python configuration via "login script"

    - accepeted as bug by Allessandro d.S.

  - 14.x.y needs gcc-3.4.6 (pacman cache?)

- current production works w/o SRM

  - lexor with 12.x.y releases

  - panda with 13.x.y (use LRZ SE)

- todo: support SRM

Grid environment at RZG

- Use grid-ui

  - interactive or "ssh grid-ui <command>"

- Submit jobs "on grid"

  - edg-job-submit

  - ganga on grid-ui!

- Source script (site-specific)

  - not the one from CERN! Please!

  - available for debugging at RZG

Data/job management

- Data registered "on grid" preferred

  - produce dpds/ntuples "on grid", store output using LRZ or RZG SE

- Local "root analysis

  - use LFC to locate files, open with "dcap://"

- Can use LRZ dCache (and vice versa)

  - use LRZ and RZG for jobs "on grid"!