

# ATLAS Computing @ RZG

## Status

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# 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)
  - 2 disks died since
  - few problems with “old” disks
  - server room at RZG now at 18° C

# Hardware: new file servers

- Still plan to increase disk capacity
  - 15 TB on six servers, cost ca. 30 k€
- Technology?
  - existing Chenbro 3 HE with disks ≠ Maxtor
    - problems not resolved yet, try disks ≠ Maxtor
  - SATA RAID (16 disks) with separate headnode
    - preferred by RZG, more expensive (7,5 k€ / 3,5 TB)
  - SATA RAID server Transtec 12 disks
    - same concept + price (5 k€ / 3 TB), different hardware
- Negotiate long-term test with Transtec

# Operation: network

- Recent afs problems:
  - timeouts mostly on large files
  - HEC simulation production disturbed
  - similar problems observed by MAGIC
- New OS/afs on file servers
  - problems resolved

# LCG @ MPI/RZG

- still almost ready
- upgraded to LCG 2.6
- “we” (FZK, RZG) are fixing small bugs
- tests with MAGIC done
- ATLAS tests soon preparations
- RZG is member of “Kern-D-Grid”
  - install grid sw incl. LCG/glite
- Plan to be on Grid for FZK school and DC3

# Summary

- Follow-up of hard disk failures
  - hopefully conclude this month
- Afs problems solved
- LCG@RZG is making progress
- Planning for Munich Tier-2 centre