

Status of the database production setup at GridKa

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Hardware procurement plan:

- 4 machines (IBM x336) ordered last week:
 - Intel Xeon dual 3.2 GHz w/ 2MB L2 cache
 - 4 GB RAM
 - 73 GB U320 hard disk
 - 2 x GE onboard
 - 3rd GE port will be added, if necessary.
(external connection, internal connection from WNs, cluster nodes)
 - QLogic HBA (storage on SAN)
 - Delivery likely within two weeks.
- 2 machines for LHCb and ATLAS each.
- If delayed, the Streams testbed hardware (2 x dual Xeon 2.4 GHz, 1.5 GB RAM) can be changed into a “production” system.

Software / Storage

- Redhat ES
- Oracle 10gR2
- Storage: SAN Storage (IBM FAStT700)
- Storage data: ASM : Automatic Storage Management
Basis: shared storage devices (SAN)
- Storage OCR: shared raw devices
(Oracle Cluster Registry and voting disk)
- Storage Binaries: local filesystem
- Cluster Software: CRS : Cluster Ready Services
Basis: shared storage devices (SAN)
- ORACLE Version: Real Application Cluster, Cluster Database Software
(ORACLE 10g 32 Bit RAC, Enterprise Edition)

Oracle 10gR2 installed on Streams testbed hardware last Friday.

Squid nodes (CMS):

2 “worker nodes” available now:

- Dual Opteron 246 (2 GHz)
- 2 GB RAM
- 80 GB hard disk (can be replaced by disk with higher capacity, if necessary)

- Software installation starts this week.