



Site Report

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GridKa Hardware (Milestone April 2006):

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- Installation of new hardware in second server room

GridKa Hardware (Milestone April 2006):

→ Worker nodes: 851 boxes (2,004 CPU cores):

| | | | |
|------------|-----------|--|---------------|
| 0 | *2 | Intel Pentium 3, 1.266 GHz | to be retired |
| 65 | *2 | Intel Xeon, 2.2 GHz | |
| 72 | *2 | Intel Xeon, 2.66 GHz | |
| 278 | *2 | Intel Xeon, 3.06 GHz | |
| 279 | *2 | AMD Opteron 246 (2 GHz) | |
| 4 | *1 | Intel Pentium M 760 (2 GHz) | |
| 153 | *2 | AMD Opteron 270 (2 GHz dual-core) | new |

GridKa Hardware (Milestone April 2006):

- Disk procurement 2006-2008:
 - ~ 4.5 PB (net)
10% FC, 90% S-ATA
 - EU wide invitation for tenders
 - Winning bidder: NEw
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Experiment Specific Frontend Systems / VO Boxes:

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- In the past:
 - interactive login servers,
 - experiment specific software servers,
 - ...

Experiment Specific Frontend Systems / VO Boxes:

- Migration (LHC exp.) to "VO Boxes"
 - Hundreds of software packages (CE ...)
 - Experiments require
 - + 2nd box for redundancy,
 - + 3rd box for pre production system,
 - ...

- GridKa's idea:
Replacement by general middleware necessary **asap**

Questions, Comments?
