CZ Cluster Report

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Information Society

- L&B, JP, gsoap-plugin, proxyrenewal
- only cosmetic issues identified
    - B vs. R dependencies etc.
- all addressed with recent 3.1 configurations

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- jobid and exception – remove dependence on `wms-utils`
  - `org.glite.jobid`, mostly Done

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- unify L&B proxy and server – Done, untested
  - one component providing both functionalities
  - can be deployed as proxy, server, or both at time
  - easier maintenance, better performance in the "both" deployment

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- merge 3.1 branch to HEAD – mostly Done

- skurut68-[12].cesnet.cz (preview testbed) run whole L&B and are SL4
- development partially done on 64-bit SuSE (everything works there)
- no SL4 64-bit tests yet, though

- Preview Testbed activity
- demonstrate JP usability for large community
- ATLAS traffic from RB in Milano directed to L&B server at skurut68
- finished jobs purged from L&B database and uploaded to JP
- further information added as user tags
- JP tested to answer queries similar to ATLAS ProdDB
- stress tests with all Atlas jobs from ProdDB
- results presented at CHEP'07
  - no problems seen with the real traffic
  - throughput of 147k jobs/day during stress test

Enabling Grids for E-sciencE

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- L&B use in Dashboard
  - resurrected L&B notifications on job state changes
  - added authorization based on VOMS FQAN's
  - L&B installation on Preview testbed available for testing

- user guide needs minor revisions only
- administrator's docs is incomplete
- focus on "after restructuring" state
- what is the prefered form? (wiki?)
- tentative deadline – end of year

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- native CREAM jobs in L&B
- common interfaces to L&B and JP, more integration