http://tardis.dl.ac.uk/Condor/images/e-Science_med.gif

**Tier-1 Operations CASTOR – 16 Feb 2009**

# Service Name

#### CASTOR

## Summary of last week:

* Wrote Puppet manifest for xrootd disk servers and deployed 11 new servers for Alice (Chris)
* investigating SRM problems (Shaun)
* fixed grid-mapfile problem affecting CMS (Shaun)
* restarted BigID tests (Shaun)
* Applied database hotfix for Atlas (Shaun)
* implementing changes in Castor namespace requested by ATLAS (Brian)
* implementing final changes to OverWatch hardware database (Guy)
* fixing existing problems with Atlas tape family (Tim)
* testing new database SAN hardware (Cheney, Tim)
* deploying new virtual disk servers for preprod (Cheney)
* configuring new disk servers on preprod (Matt)

### Developments- prioritized

* Preparing for Castor, SRM upgrade (Chris, Shaun)
* Job Managers on all instances to be changed to use http instead of nfs (Chris)
* Job slots per protocol functionality to be applied to all instances (Chris)
* Review deployment of Atlas non-prod diskservers and look at problems affecting a number of these (Chris)
* JobManager and SRM stalling problems still investigated (Shaun)
* Set up VO monitoring using James Jackson’s software (Brian)
* Get Atlas requirements for data processing so we can set up a new space token and new D0T0 server class (Brian)
* Get Atlas requirements for new tape family (Brian)
* Add tape new family for Atlas and test policies. (Tim)
* Prepare for load testing on preprod platforms for cross-talk testing; (Matt/Cheney)
* Fixing puppet master stability problems with /var/ filling up to quickly (Guy)
* Deploying 64bit tape server (Guy)
* deploy 2 disk servers for Atlas (Guy)

### Scheduled and Cancelled Down Times:

#### Type=Down/At Risk/Cancelled entries in/planned to go to GOCDB

|  |  |
| --- | --- |
| 23,24Feb 09 | ATLAS downtime due to upgrading to CASTOR 2.1.7-24, SRM 2.7-15, kernel upgrades |
| 2 Mar 09 | LHCb downtime due to upgrading to CASTOR 2.1.7-24, SRM 2.7-15, kernel upgrades |
| 3 Mar 09 | CMS downtime due to upgrading to CASTOR 2.1.7-24, SRM 2.7-15, kernel upgrades |
| 5 Mar 09 | Gen downtime due to upgrading to CASTOR 2.1.7-24, SRM 2.7-15, kernel upgrades |

**Staffing:**

Castor on call person: Chris?

On leave: Matt, Shaun (Monday, Tuesday). Castor F2F (Wednesday, Thursday, Friday morning)

## Advance planning:

* Database needs to be upgraded to new hardware. Probably 3 day downtime + 1 day at risk? (TBD)