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

**Tier-1 Operations CASTOR – 9 Feb 2009**

# Service Name

#### CASTOR

## Summary of last week:

* Working on SRM 2.7-15(Shaun)
* Big IDs problem: logs now sent to Oracle (Shaun)
* CASTOR 2.1.7-24 now certified for upgrade on production (Chris)
* kernel version 2.6.9-78.0.13 tested on certification instance and that's fixed the LSF virtual device problem (Chris)
* deployed 12 disk servers for atlasSimStrip (Chris)
* wrote instruction for deployment team, how disk server should be deployed from NonProd to Production service class. The instruction is under tests with Fabric team to make sure nothing has been overlooked. (Chris)
* carry on investigating LSF slowdown across all the instances (Chris)
* migrating data on compusys04 servers. (Brian)
* implementing changes in Castor namespace requested by ATLAS (Brian)
* new diskservers added to Nagios config and working on new Nagios plugins (Cheney)
* installing new disk servers on preprod (Matt)

## Summary of plans for week ahead:

### Developments- prioritized

* prepare update instruction for kernel and castor update (Chris)
* deploy 2 disk servers for Atlas (Chris)
* write puppet manifest and deploy disk servers for Alice (Chris)
* Queue configuration changes to make setup consistent (Chris)
* 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)
* 11 disk servers to be deployed for Alice with xrootd (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)
* Implementing database hotfix for Atlas
* 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)
* move 3 servers in cmsTest to cmsNonProd, after re-install (awaiting input from CMS) (Matt)
* Prepare for load testing on preprod platforms for cross-talk testing; (Matt/Cheney)

### Scheduled and Cancelled Down Times:

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

**Staffing:**

Castor on call person: Tim

## Advance planning:

* Need to reboot disk servers for kernel upgrade prior to R89 move.
* Castor Upgrade to 2.1.7-24. Date TBD (depending on R89 move)
* Database needs to be upgraded to new hardware