Status of PDC'05

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ALICE-LCG TF meeting

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Running statistics

- ➢ Standard production job type: flow
  - ➢ Average duration: 8.5 hours
  - ➢ Number of jobs completed: 4300 (4300 events)
  - ➢ Errors:
    - ➢ ~10% error validation
      - ➢ Not unexpected – we know from last year that some AliRoot jobs fail, however if re-submitted, they are successful
      - ➢ No resubmission of jobs at the moment
    - ➢ ~5% error execution – all at CERN, all on 06/09 (AFS problem)
    - ➢ No errors starting (downloading of input files)
    - ➢ No errors saving (more on that later)
    - ➢ Stability of job execution much improved with respect to last year – thanks to the job agents

Storage

- ➢ 10K files in CASTOR2
  - ➢ No failures with CASTOR2
  - ➢ Problem with xrootd interface to CASTOR2 fixed
  - ➢ Time to ask castor support to update all ALICE production stagers to CASTOR2 (few days max, no interruption of service)
  - ➢ Move xrootd from castorgrid to castorgridsc (see talk of Vlado Bahyl at the <u>pre-GDB meeting</u>
    - ➢ Trivial – need one account on every castorgrid$_{xx}$ server
  - ➢ Discussion point - what do we do with all files from last years production:
    - ➢ Very rarely accessed
    - ➢ 5 mio. Entries in the AliEn FC
    - ➢ 40 TB of data in CASTOR

Site performance

- ➢ Agent technology working very well
  - ➢ Massive submission of agents helps overcome batch queues latency
  - ➢ And catch problems at the computing centres before any real job is scheduled for execution

- ➢ Single problem at Lyon:
  - ➢ Queue protected against jobs running for a very short time
  - ➢ Leftover agents (running for 3 minutes) regularly block the queue for us
  - ➢ Working with Alice support@Lyon to find a suitable solution

Monitoring

➢ **MonALISA repository is up and running:**

  ➢ http://alimonitor.cern.ch:8889
  ➢ More channels to be added soon: network traffic, SE occupancy, summary information
  ➢ Monitoring of FTS needed

Ramp-up needs

➢ Urgently need to include more sites in the production partition:

  ➢ Last 10 days show that the operation is smooth and all elements of the system are working well

  ➢ Need 1200-1500 CPUs running in parallel to finish phase 1 by 25/09.