

LHCb Computing Operations

Monday, June 04, 2007

Present : Joel Closier, Cedric Potterat, Andrew Smith, Roberto Santinelli, Marianne Bargiotti, Stuart Paterson, Philippe Charpentier, Daniela Bortolotti, Gianluca Castelli, Raja Nandakumar, Nick Brook, Andrei Tsaregorotsev, Roland Bernet, Carmine Cioffi

Simulation:

Daniela submitted all the production that have been prepared but unfortunately all the jobs which were starting, were downloading all the software. We have been obliged to HOLD all the productions and we found out that the TAG which was asked in the JDL of the jobs was not taken into account because the default in the LCGAgentDirectort was set to no and there was no section associated to it in the configuration server. Stuart added the correct option in the CS. And jobs will be restarted Today.

The transfer of all jobs which run successfully were pending because the transfer agent in the VOBOX were stalled. Raja restarted them. At Lyon VOBOX there was a problem with Andrei's proxy expired. At PIC VOBOX, the server certificate expired today.

During the week-end the PIC-dcache had problem which have been confirmed by SAM roberto's job. In principle it should be discovered by the SAM test job and reported to us.

Reconstruction:

No more news since last meeting.

At CERN, we still have problem with tape request which disappeared. We ask the CASTOR team to have the latest version of CASTOR installed where the bug concerning tape request lost is fixed. We should also introduce a hack to allow ACSTOR protocol to be used. So Stuart will put a hack (if DC04 used rfiio else used ROOT).

At RAL lot of STALLED jobs due to the fact jobs hit the Wall clock time.

Carmine will modify the script which give the number of events produced. So far it was connected to the old database.

Stripping:

DaVinci v19r1 will be the version used for the stripping.

AOB:

- The cleaning has been done on CASTOR debug. The CheckLogFile will be modify to allow that if the castor debug is not available, the inout data will follow the failover mechanism.
- The new version of DIRAC has been installed on lxgate34 and it works.
- In the Bookkeeping, the ROOT account will be used to update the database and the READ one will be used for access to the database.
- We have to find where gsiftp is used because some files are still registered with this protocol.
- Philippe send a mail with the data set that should be cleaned

Hi folks,

Joel and I went through the BK to see what should be kept and what should be deleted....

Here is our findings that we would be pleased to be cross-checked (Nick, Ricardo?):

0. All data generated by Gauss < v24r8 should disappear (SIM+DIGI+DST). We have not found any although Carmine claims there are still a few. If true they should go.

1. v1_lumi

To keep: b-inclusive (SIM+DIGI), min-bias (SIM+DIGI), max-bias (SIM+DIGI)

To clean up: signal (SIM+DIGI+DST)

2. phys_lumi

To keep: signal (SIM+DIGI+DST), min-bias (rDST)

To clean up: b-inclusive (rDST)

3. phys_v2_lumi

To keep: signal (SIM+DIGI+DST)

To clean up: max-bias (rDST)

4. phys_v3_lumi

To keep: everything, i.e. b-incl + max-bias (rDST)

5. One must check if there are still productions in the LFC that have been removed from the BK (Marianne). Production 1327 is a good example of files that should be cleaned up but there are certainly more.

The operations to be performed on the files to be cleaned up are as usual:

1. Make a list of files and remove them from BK (Carmine)

2. Remove LFC entries from Carmine's lists (Marianne)

3. Delete files at SEs (sites from Marianne's mail)

Can we agree on this on Tuesday morning as an urgent operation? The current situation generates a lot of confusion to the users (they can find and access data that is not physics-quality). We can then make the announcement of what is good quality at the Wednesday meeting.

Cheers, Philippe