

LHCb Computing Operations - minutes of the meeting 5th february 2007

Present : Roberto Santinelli, Joel Closier, Stuart Paterson, Raja Nakadumar, Angelo Carbone, Andrei Tsaregorotsev, Philippe Charpentier, Roland Bernet, Marcos Seco Miguelez, Ricardo Graciani-Diaz

## Action list:

- 1 - joel : change the version of DIRAC release for production (done)
- 2 - joel : send error message for CASTOR stager at CERN (done)
- 3 - joel : send error message for GridKA about authentication (Done)
- 4 - andrei : check if call to localcopy in the transfer mechanism
- 5 - raja decrease the number of thread to 5 on the VOBOX
- 6 - upgrade the dirac version to v2r12p7 on the VOBOX

## Simulation :

Running smoothly : we reach a record with around 8200 jobs running at the same time.

Only problem is that the submission became hang if several submission in parallel. The problem is not easy to debug and could be due to a problem with python2.2

## Reconstruction :

Today no jobs are waiting neither running: the efficiency is:

CNAF : 88%

PIC : 65%

IN2P3 : 33%

CERN : 17%

GridKa : 7%

NIKHEF : 6%

RAL : 3%

Total efficiency is 21% which is not really good. Jobs in STALLED mode will be reschedule

## VoBox Transfers:

Around 4000 jobs waiting on each VOBOX. As a reminder, last week on Tuesday we have decided to move all the pending request to temporary directory and to decrease the number of thread from 20 to 5 in order to understand where are the problem.

Transfer are still becoming stuck on the machine without any real explanation so far.

Thanks to Ricardo who make a very usefull page about the transfer failure :

<http://lhcb.pic.es/DIRAC/TransferLogs/>

Here a summary of the problem:

- from LCG-Sites:

- \* lcg-cr: command not found  
(from Padova)
- \* lcg\_cr: Transport endpoint is not connected
- \* lcg\_cr: Protocol not supported
- \* SRM Authorization failed  
(to GRIDKA-disk)
- \* Unknown CA  
(to NIKHEF-disk)
- \* astorStagerInterface.c:2756 CSI\_setFileStatus() stage\_putDone failed with 1/putDone without a put  
(to CERN-tape)

- from VOBOX's:
  - \* They are not running now

It would be usefull if we can add the number of retry for each transfer to make some summary which will give how long does it take to transfer a given file with the date of the first transfer

**AOB:**

How do we deal with other version of python (2.3, 2.4) topic for the pASTE meeting.