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IN2P3 Progress Log

Friday 13 Januray 2006

SC3 rerun starts. IN2P3 log is available at: <http://cc.in2p3.fr/docenligne/367>

Monday 1 August 2005

11:30am

Cleaning the SRM database (drop tables) fixed the timeout problem with FTS.

10:30am

Stop T2 transfers.

Friday 29 July 2005

11:30am

Tier2 transfers run at 50MB/s. Slow down to 25MB/s because HPSS can not write at this rate with 2 drives.

9:15am

pool_hpsswrite3 added to Tier2 transfers.

Thursday 28 july 2005

10:00am

pool_hpsswrite4 dedicated to Tier2 transfers. Transfers impossible with FTS, so done with "srmcp". Started 3 jobs of 100 files of 1 GB.

Wednesday 27 July 2005

pool_hpsswrite1 was OFFLINE a few times during the day. Probably happened when the machine was overloaded.

Tuesday 26 July 2005

7:00pm

Reduce "mover max active" from 10 to 8 because pools 1 and 2 seem to be overloaded.

2:45am

pool_hpsswrite1 OFFLINE. Restarted.

2:00pm

SRM server hanged: timeout on all admin commands. Restarted. Still OFFLINE for dCache, so restart all services.

12:30am

pool_hpsswrite1 OFFLINE. Restarted.

9:30am

pool_hpsswrite1 OFFLINE. Restarted.

Monday 25 July 2005

6:00pm

pool_hpsswrite1 OFFLINE. Restarted.

1:50pm

pool_hpsswrite2 OFFLINE. Restarted.

11:00am

One disk crashed at 4:00am on **ccxfer03**. Replaced.

Sunday 24 July 2005

2:00pm

Some transfers stuck, killed client processes and reduce "mover max active" to 10 on all dCache pools.

9:15am

CMS stopped PhEDEx transfers, so I started some more srmcp: now 15 concurrent files.

Saturday 23 July 2005

3:30pm

pool_hpsswrite2 OFFLINE again. Restarted.

12:40am

pool_hpsswrite2 on *ccxfer02* lost connexion with dCache. Restarted.

8:30am

Run *srmcp* transfers from **castorgridsc**: 8 concurrent files on 10 streams.

Friday 22 July 2005

6:50pm

FTS transfers still impossible. Channel is close for the week-end.

11:30am

CMS successfully transferred all night at 25MB/s from **castorgrid** to tapes (via PhEDEx). 5 concurrent big files (2GB) on 10 streams.

Channel re-opened for tests but FTS transfers still fail.

Thursday 21 July 2005

2:30pm

Channel CERN-IN2P3 now closed until this problem is fixed (and possibly understood...)

1:00pm

After restarting all dCache services and the SRM database, all FTS transfers still fail with the "getRequestStatus timed out" error. "srmcp" transfers work fine. Investigating and waiting for dCache support help...

12:00am

SRM very slow lead to "getRequestStatus timed out" in FTS logs. So restarted SRM.

Wednesday 20 July 2005

4:00pm

Tried

- Max number of active movers on each dCache pool = **25**.
- Number of files in the FTS Channel = **25**

=> All transfers go to 1 single pool and the machine seems overloaded. Throughput falls to 20MB/s. Restored previous values.

10:00am

Tried to increase the throughput (current is ~40MB/s):

- Increased the max number of active movers on each dCache pool from **8** to **20**.

8:30am

- Increased the number of files in the FTS Channel from **10** to **18** (*glite-transfer-channel-set -f 18 CERN-IN2P3*)

Tuesday 19 July 2005

4:00pm

Disk replaced on ccxfer01

Monday 18 July 2005

11:30am

Stopped FTS transfers to do some internal tests with "srmcp"

Saturday 16 July 2005

7:00pm

One disk died on a ccxfer01. The spare one is used without any damages for the transfers.

-- Main.lschwarz - 18 Jul 2005

This topic: LCG > ServiceChallengeThreeIN2P3

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