Krzysztof, Steve White, Eric Wicklund, Robert Illingworth (typist), Randolph Herber, Angela Bellavance, Anil Kumar, Dave Berg, Thomas Kuhr (video), Arthur Kreymer (phone)

Releases:

*Nothing new: D0 autodestination changes ready*

CDF:

CDF SAM/DH Shift Report 06/17/08 - 06/23/08

At the beggining of the shift:

dcache cells r-fcdfdata320-1,4 down; r-fcdfdata146-1,4  r-fcdfdata154-1,5 offline;
(fcdfdata146 & fcdfdata154 brought back in service during the week)

online warnings:
b0csl21 -- Clsam may be dead
b0csl21 -- Clmeta may be dead
(it was an nfs issue, eventually addressed by Angela/FEF)

large restore activity since Monday evening ~2800;
current number lto3 tape drives (15) seems to be the limiting factor

during shift:

some warnings from the station:

06/18/08 18:15:23 cdf-caf.SM.FileUncachedInDBTimer 19542: Cannot uncache file in DB: CORBA::SystemException caught in FileUncachedInDBTimer::doIt():
System exception `OBJECT_NOT_EXIST'
Completed: no
Minor code: 1330446337

*This is due to problems (slow response) with the DB server.*

06/18/08 21:04:39 cdf-caf.SM.ProjectManager 19542: Unknown project prjID is being terminated

and from the dbserver:

Subject: serverName 'SAMDbServer.dbs-cdf-cafstation-srv1-prd:SAMDbServer' was killed by the HangMonitor
Date: Thu, 19 Jun 2008 17:55:45 -0500 (CDT)
The serverName 'SAMDbServer.dbs-cdf-cafstation-srv1-prd:SAMDbServer' was killed because it appeared to be hung. It should restart automatically.

Overall, intermittent long response times of cdf-caf station dbservers several times over several days; it *did* affect the station file delivery;

*Not clear why: many slow queries reported in the alarm log.*

Tape restore backlog down to ~85 by Saturday;

fcdfdata147 rebooted on Sunday; pool 1 was not running properly;
moved all fcdfdata147 pools to TestPools; fcdfdata147 run into problems again on Monday. Being looked at;

LTO3 tape went in no access on Monday IAF216 (gphysr), drive 26 offline
Taken care of by SSA within a few hours.

One 9940B drive offline (but rather small 9940B tape activity, so it is not an issue)

*Randolph: new enstore DB in production for CDF.*

*There was a very slow (several hours) query on one of the the db servers. This was a user running a very complicated dimensions query (much use of __set__). There are more efficient ways to do what the user in question wants to do.*

**D0:**

Notes:

Jun 17, 2008:
  -- Stu Fuess manually restarted the SAM Station in datalogger-d0ols (after we reported "red ball" in SAAG).
  -- Shifter S. Greder noticed " a burst (~50) of "NO ACCESS" for tape PSD112 (~2:20 am) which calmed down after 20min"

Jun 19, 2008: Shifter S. Greder reported :  "just caught by chance an error that disapeared quickly encp tape to tape is not implemented. Copy file to local disk and then back to tape. : (SRC: /pnfs/sam/dzero/test/swhite/AD_TOPDIR/importedSimulated/pnfs) (DST: /pnfs/sam/dzero/test/swhite/AD_TOPDIR/importedSimulated/--tags)  "

Probably, S. White was testing ?

*Yes.*

**Minos:**

Minos status 2008 Jun 24
General

PARROT tests are finally successful on Fermigrid workers,
running SLF 4 x68_64, thanks to several fixes by the author
Douglas Thain.

BlueArc - last general hard failure June 01.
many failures on fnpcsrv1, using automounter.

Enstore  -

DCache  -

Jun 24 FNDCA public DCache upgrade to 1.8, tested as follows :
SRM
srls OK
srmcp  read OK
srmcp write OK ( wrong ownership with voms-proxy, use grid-proxy )
srmmkdir  OK ( wrong ownership )
DCACHE  unsecured
dccp OK
loon OK
DAQ
write OK  11 files transferred, at 15:00

SAM  -

SAM-IT/3582 - resolved, with removal of --constrain-delivery and --route
Tested in development ( 10 cycles of 1/10/100 file projects )

*From Andrew: route behaviour change due to a fix for a station crash. Will try to fix this without reintroducing the crash.*

Will put in production 24 June after Oracle upgrade.
Oracle  -

Oracle quarterly patches - scheduled Jun 24 during DCache upgrade.

OPEN ISSUES

IT 1146: cannot test existence of sam tape location
IT 2071: quadratic project startup time growth

PLAN -

**DB:**

D0 :

- NFS problem on SAN and home areas on d0ora2 ~8:15PM on Monday 06/18
Got the errors like "SCSI transport failed"
"write error on /dev/dsk/c3t210000D0236000221d0s0"
SAN Admin replaced the bad disks onto SAN.

- D0ora1 will be down starting at 8am this Wednesday, 06/25/08, for OS patching. Downtime is expected to be 3 hours.

- Planning for OS patches on d0ora2 on July 1st.

Alert(S):

| Owner | Object | Type | Extents Used | Extents Allocated | Extents Left |
|---|---|---|---|---|---|
| SAMPRD | CFH_PK | INDEX | 1996 | 2000 | 4 |

Action: Doubled the max extents.

- Message=Tablespace [OPERATIONAL_IDX_01] is [80 percent] full
Notification Rule Name=d0ora2 database alert

Action: Added 12GB

CDF :

Alert(s):

MINOS:

- Scheduling Oracle's Quarterly patch on minosprd June 24th at 8:30AM

enstore/dcache report
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Scheduled Downtimes:
o fndca - Tue, Jun 24, 8:30 am - 2:00 pm
- public dcache s/w upgrade to release 1.8

o d0en - Tue, Jul 1, 7:30 am - 11:30 am
- ADIC AML/2 maintenance

Operations:

o d0en

*8hr downtime July 1 to replace robot arm.*

o cdfen

o cdfdca

o stken

o fndca
- upgrade underway
- thanks, Art, for developing a set of tests for dcache

Thanks,
David