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WLCG Tier1 Service Coordination Minutes - 21 April 2011

Attendance

- Local: Manuel, Stephane, Simone, Alessandro, Steven, Maarten, Zbyszek, Andrea S, Fernando, Nicolo, Maria, Jamie, Ian, Elisa, Markus, Fabrizio
- Remote: Jon, Alexander Verkooijen, Michael, Felix, Carlos, Patrick, RAL, Carmine, TRIUMF - Andrew, Alexei, Rolf, Jhen-Wei, Gareth, Elizabeth

Action list review

Release update

Data Management & Other Tier1 Service Issues

Site	Status	Recent changes	Planned changes
CERN	CASTOR 2.1.10 (all) SRM 2.10-x xrootd: ALICE 2.1.10 update 1, others: 2.1.9-7		
ASGC	CASTOR 2.1.7-19 (stager, nameserver) CASTOR 2.1.8-14 (tapeserver) SRM 2.8-2 DPM 1.8.0-1		26-27/4: network maintenance (link 1 link 2) 26-29/4: CASTOR upgrade: all CMS services will be unavailable; affecting tape for ATLAS; STAR channels stopped
BNL	dCache 1.9.5-23 (PNFS, Postgres 9)	none	Transition to Chimera in summer 2011
CNAF	StoRM 1.5.6-3 SL4 (CMS, LHCb,ALICE) StoRM 1.6 SL5 (ATLAS)		
FNAL	dCache 1.9.5-23 (PNFS) httpd=1.9.5.-25 Scalla xrootd 2.9.1/1.4.2-4 Oracle Lustre 1.8.3	none	none
IN2P3	dCache 1.9.5-24 (Chimera) on all core servers and pool nodes		Upgrade to version 1.9.5-25 on 2011-05-24 (scheduled site downtime).
KIT	dCache (admin nodes): 1.9.5-15 (Chimera), 1.9.5-24 (PNFS) dCache (pool nodes): 1.9.5-9 through 1.9.5-24		
NDGF	dCache 1.9.12		
NL-T1	dCache 1.9.5-23 (Chimera) (SARA), DPM 1.7.3 (NIKHEF)		
PIC	dCache 1.9.5-25 (PNFS, Postgres 9)		

RAL	CASTOR 2.1.10-0 2.1.9-1 (tape servers) SRM 2.10-1,2.8-6	Upgrade of SRMs to 2.10-2 (apart from ALICE)	Gen SRM upgrade to 2.10-2. Updates to support T10KC
TRIUMF	dCache 1.9.5-21 with Chimera namespace	None	None

CASTOR news

CERN operations

Development

xrootd news

dCache news

StoRM news

FTS news

- FTS 2.2.5 certified for gLite 3.2: FTS 2.2.5 release notes [↗](#)
- FTS 2.2.6 in development: FTS 2.2.6 patch [↗](#) (see list of bugs at the end)

DPM news

- DPM 1.8.0-2 for gLite 3.1 has been released to production on April 13

LFC news

- LFC 1.8.0-1 for gLite 3.1: waiting for rebuild of the meta package with the correct VOMS libraries (1.9.10-14)

LFC deployment

Site	Version	OS, n-bit	Backend	Upgrade plans
ASGC	1.7.4-7	SLC5 64-bit	Oracle	None
BNL	1.8.0-1	SL5, 64-bit	Oracle	None
CERN	1.7.3 64-bit	SLC4	Oracle	Upgrade to SLC5 64-bit pending
CNAF	1.7.4-7	SL5 64-bit	Oracle	
FNAL	N/A			Not deployed at Fermilab
IN2P3	1.8.0-1	SL5 64-bit	Oracle 11g	Oracle DB migrated to 11g on Feb. 8th
KIT	1.7.4-7	SL5 64-bit	Oracle	Oracle backend migration pending
NDGF	1.7.4.7-1	Ubuntu 9.10 64-bit	MySQL	None
NL-T1	1.7.4-7	CentOS5 64-bit	Oracle	
PIC	1.7.4-7	SL5 64-bit	Oracle	
RAL	1.7.4-7	SL5 64-bit	Oracle	
TRIUMF	1.7.3-1	SL5 64-bit	MySQL	

Experiment issues

- ATLAS requested to know which is the minimum version of StoRM that supports checksumming and proposes to adopt it as baseline version.
- ATLAS asked if the overwrite option is supposed to work, as it does not on some sites. Patrick said that it is an option that can be enabled or not and will provide instructions. Maarten mentioned that it's

a global site setting, but Simone said that this is not a problem for ATLAS-only sites. Simone will check with FTS where the overwrite works and where it does not, as it is also possible that FTS is not using it but it does a rm.

WLCG Baseline Versions

- Release report: deployment status wiki page
- WLCG Baseline versions: table

S2 status

Following the presentation on the developer needs for S2, Patrick remarked that S2 is useful not only in case of changes in the protocol but also to check that nothing breaks.

Jamie asked if dCache and CASTOR agree that S2 should be maintained by a third party; Patrick said yes, but there was no representative for CASTOR. Patrick said that if it was developed only by dCache and CASTOR, it would not be useful.

Consistency of Storage Elements and LFC

Status of open GGUS tickets

Review of recent / open SIRs and other open service issues

Conditions data access and related services

Database services

- Experiment reports:
 - ◆ ALICE:
 - ◇ nothing to report
 - ◆ ATLAS:
 - ◇ replication to CNAF, SARA, NDGF was shut down permanently on Tuesday 12.04
 - ◇ ATLASDD which keeps ATLAS Geometry data was added to Atlas Conditions replication to Tier1s on Thursday 14.04.
 - ◇ On Monday(18.04) morning ATLAS replication of conditions data to T1s replication of ATLAS conditions was unavailable since 9:30 until 11:45 because of streams process deadlock which occurred after weekly short maintenance stop of replication service. To get rid of lock restart of downstream instances was required.
 - ◆ LHCB:
 - ◇ On Monday (18.04) morning same problem as in ATLAS case affected LHCB conditions replication. It replication was inactive between 9:30 and 11.30.
 - ◆ CMS:
 - ◇ On Tuesday 12th April between 15:30 and 16:30 there was a rolling intervention on CMS offline production database in order to install a patch supposed to fix a bug causing occasional crashes of the CMS T0AST application.
 - ◇ CMS condition apply crashed on Thursday afternoon (14,04) because procedure suggested by Oracle analyst was not correct (drop partitions was suggested without cleaning up support table).

- Site reports:

Site	Status, recent changes, incidents, ...	Planned interventions
CERN	First successful upgrade to 11.2.0.2 of TEST2 db; CPU April is out but it does not contain relevant fixes	Upgrade of LCG integration to 11.2.0.2
ASGC		
BNL	Following up some streams connectivity problems (opened SR) the database was rebooted in rolling fashion on Friday (15.04)	On 27.04.2011 ATLAS Conditions oracle database service will be moved to a new data center room.
CNAF		
KIT	Migration of FTS/LFC Oracle backend on April 7 failed due to DataGuard problems. Details under investigation.	
IN2P3	ntr	none
NDGF		
PIC	The yearly power maintenance on 19.04. Due to problems in cooling systems during the scheduled downtime, the downtime was extended by 24 hours	none
RAL	Castor SRM has been upgraded to 2.10, Transparent network intervention on Tuesday (19.04), high load on SRM , caused by wrong executon plan.	none
SARA	removal of all ATLAS conditions data	planning of upgrade to 10.2.0.5
TRIUMF	ntr	none

AOB

-- JamieShiers - 19-Apr-2011

This topic: LCG > WLCGTier1ServiceCoordinationMinutes110419

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