

Table of Contents

WLCG Tier1 Service Coordination Minutes - 1 March 2012.....	1
Attendance.....	1
Action list review.....	1
Release update.....	1
Data Management & Other Tier1 Service Issues.....	1
Other site news.....	2
CASTOR news.....	2
CERN operations and development.....	2
EOS news.....	2
xrootd news.....	2
dCache news.....	2
StoRM news.....	2
FTS news.....	2
DPM news.....	2
LFC news.....	3
LFC deployment.....	3
Experiment issues.....	3
WLCG Baseline Versions.....	3
Status of open GGUS tickets.....	3
Review of recent / open SIRs and other open service issues.....	3
Conditions data access and related services.....	3
Database services.....	3
AOB.....	4

WLCG Tier1 Service Coordination Minutes - 1 March 2012

Attendance

Local:

Remote:

Action list review

Release update

Data Management & Other Tier1 Service Issues

Site	Status	Recent changes	Planned changes
CERN	CASTOR 2.1.11-9 (tapegateway active) + SRM-2.11 for all LHC instances; CASTOR 2.1.12-1 for PUBLIC instance This contains a new version of the xroot plug-in fixing potential problems (seen only on PUBLIC before the last upgrade: xroot-xcastor2fs_2112-1.1.0-1) FTS: all nodes in SLC5 3.7.0-3 EOSATLAS and EOSCMS 0.1.2-2/xrootd-3.1; EOSALICE being set up		CASTOR 2.1.12 for all instances (ATLAS on Mar the 6th). All 3 remaining could be done the week after next.
ASGC	CASTOR 2.1.11-6 SRM 2.11-0 DPM 1.8.2-3	23/2: All storage systems in downtime due to intervention on core switch	None
BNL	dCache 1.9.12.10 (Chimera, Postgres 9 w/ hot backup) http (aria2c) and xrootd/Scalla on each pool	None	None
CNAF	StoRM 1.8.0 (Atlas, CMS, LHCb)		
FNAL	dCache 1.9.5-23 (PNFS, postgres 8 with backup, distributed SRM) httpd=2.2.3 Scalla xrootd 2.9.7/3.1.0.osg Oracle Lustre 1.8.6 EOS 0.1.1-12/xrootd 3.1.0.osg with Bestman 2.0.10		
IN2P3	dCache 1.9.12-16 (Chimera) on core servers and pool nodes. New hardware (more RAM, SSD disks) for Chimera and SRM servers (with SL6). Postgres 9.1	Move from 1.9.5 to 1.9.12 (2nd golden release)	None
KIT	dCache atlassrm-fzk.gridka.de: 1.9.12-11 (Chimera) cmssrm-fzk.gridka.de: head nodes 1.9.5-26 (Chimera), pool nodes 1.9.5-6 through -25 gridka-dcache.fzk.de: head nodes 1.9.5-26 (PNFS), pool nodes 1.9.5-24,-25 xrootd (version 20100510-1509_dbg)		
NDGF			

	dCache 2.1 (Chimera) on core servers. Mix of 1.9.13 and 2.0.1 on pool nodes.		
NL-T1	dCache 1.9.12-10 (Chimera) (SARA), DPM 1.7.3 (NIKHEF)		
PIC	dCache 1.9.12-14 (last upgrade to patch release on 14-Dec); PNFS on Postgres 9.0		
RAL	CASTOR 2.1.11-8 2.1.11-8 (tape servers) SRM 2.11-1	Upgraded all CASTOR instances to 2.1.11-8	Migrate to new CASTOR DB hardware on 6 March
TRIUMF	dCache 1.9.5-28 with Chimera namespace	None	None

Other site news

CASTOR news

CERN operations and development

EOS news

xrootd news

dCache news

StoRM news

FTS news

- FTS 2.2.8 EMI now running in production at CERN on all the FTS servers (pilot, T2Export and T0Export).
- Summary of 2.2.8 rollout - <https://svnweb.cern.ch/trac/glitefts/wiki/FTS228RolloutPlanning>
 - ◆ Detailed FTS server deployment plan: <https://docs.google.com/spreadsheets/ccc?key=0AthhzXLQok7XdFpUeDBfLXE2S1RDZE4zcHp6QW>. Some possible dates have been proposed, feel free to change them.
 - ◆ Rollout is tracked at daily WLCG ops meetings

DPM news

- DPM 1.8.3, certification is expected to start early March
 - ◆ Will be released for EMI-I on SL5
 - ◆ EPEL compatibility
 - ◆ synchronous GET for performance improvements
- First SL6 support expected with EMI-II (May 2012)
- DPM 1.8.2-3 (EMI release) in production
- DPM 1.8.2-3 (gLite release) in production
 - ◆ fast dpm-drain
 - ◆ filesystem selection algorithm configurable by admin
 - ◆ support for central banning (Argus)
 - ◆ Allow definition of the number of threads for DPM and SRM servers at startup time
 - ◆ <https://savannah.cern.ch/patch/?5005>
 - ◆ <https://savannah.cern.ch/patch/?5006>
- Periodic releases of new unstable components can be followed on the blog: <https://svnweb.cern.ch/trac/lcgdm/blog>
 - ◆ This covers NFSv4.1, WebDAV, Nagios, Catalogue synchronisation & 'perfsuite'.
 - ◆ Latest release: <https://svnweb.cern.ch/trac/lcgdm/blog/unstable-release-1111>

LFC news

- LFC 1.8.2-3 (EMI release) in production
- LFC 1.8.2-2 (gLite release) in production
 - ◆ fix for read-only replica operation (LHCb)
 - ◆ support for central banning (Argus)
 - ◆ <https://savannah.cern.ch/patch/?5003>
 - ◆ <https://savannah.cern.ch/patch/?5004>

LFC deployment

Site	Version	OS, n-bit	Backend	Upgrade plans
ASGC	NA	NA	NA	NA
BNL	1.8.0-1	SL5, 64-bit	Oracle	None
CERN	1.8.2-0 64-bit	SLC5	Oracle	all servers are SLC5 64-bit virtual machines
CNAF	1.8.0-1	SL5 64-bit	Oracle	None
FNAL	N/A			Not deployed at Fermilab
IN2P3	1.8.2-2	SL5 64-bit	Oracle 11g	
KIT	1.8.2-2	SL5 64-bit	Oracle 11g	
NDGF	1.7.4.7-1	Ubuntu 10.04 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	None

Experiment issues

WLCG Baseline Versions

- Release report: deployment status wiki page
- WLCG Baseline versions: table (RECENTLY UPDATED)

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:
 - ◆ All databases upgraded to Oracle 11gR2 (11.2.0.3). Additional interventions to change the compatible parameter were necessary.
 - ◆ Latest Oracle security patches applied on all production databases.
 - ◆ Hw (storage) problems observed in RAC10. Several interventions already performed transparently. One issue this week due to high load also related to the storage problems. Being investigated by NetApp support.
 - ◆ CMS online database has been migrated today back to the CMS PIT.
- **REPORT:** Oracle physics databases (T0 and T1) upgrades to Oracle 11gR2

- Site reports:

Site	Status, recent changes, incidents, ...	Planned interventions
BNL	Migration of Conditions database to 11gR2 (11.2.0.3) and a new hardware. In addition, latest CPU Jan 2012 patch was applied	Decommissioning former Condition DB 10gR2 database Wed 29.02
CNAF		
KIT	Old hw being decommissioned	Maintenance downtime in the week 12.03-16.03: migration of Compass-LFC Schema to the new Hardware (FTS-DB) and upgrade to 11g. The FTS-DB will be down on 14.03 approximately between 9:00 14:00 CET.
IN2P3	Waiting for patch to fix issue with Oracle installer (SR 3-5225032577, bug 13731278)	
PIC	FTS database was upgraded last tuesday, and at the same time, LFC of ATLAS database was completely stopped due to LFC migration to CERN. Currently all databases are in 11.2.0.3.	There are no scheduled interventions.
RAL	Applied the Jan PSU on the 3D system (11.2.0.3.1). Compatible parameter has not been changed accordingly since the intervention was announced as an at risk.	Castor DB will be moved to new HW next week on Tuesday
SARA		
TRIUMF	nr	

- Decommissioning of the 3D OEM.

AOB

-- AndreaSciaba - 29-Feb-2012

This topic: LCG > WLCGTier1ServiceCoordinationMinutes120301

Topic revision: r17 - 2012-05-02 - AndreasPetzold



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