

Table of Contents

WLCG Tier1 Service Coordination Minutes - 9 February 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.....	5

WLCG Tier1 Service Coordination Minutes - 9 February 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 main instances ; c2xrootd: 2.1.11-1 FTS: all nodes in SLC5 3.7.0-3 EOSATLAS: 0.1.1-11/xrootd-3.1; EOSCMS: 0.1.0/xrootd-3.0.4		CASTOR 2.1.12-1 is being released. Deployment will start with test/validation instances and the general rollout is foreseen for the first part of March. Campaign of FileClasses changes (10 days for now). Preparatory work for 2.1.12 to organise user data on tape (Monday 20th)
ASGC	CASTOR 2.1.11-6 SRM 2.11-0 DPM 1.8.2-3	None	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)	None	None
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 1.9.5-29 (Chimera) on core servers and pool nodes	?	?
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 1.9.14 (Chimera) on core servers. Mix of 1.9.13 and 2.0.0 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 2.1.10-1 2.1.10-0 (tape servers) SRM 2.11	Upgraded SRM to 2.11	Upgrade NS to 2.1.11 on 14 Feb Upgrade CASTOR to 2.1.11 between 20-29 Feb
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 now installed on the CERN pilot service. Stress tests from Altas, Phedex transfers, and Oracle 11 db all working. **Action:** Oliver will provide a table of FTS version / Oracle version / OS version compatibility. Now gLite FTS 2.2.8 is installed by CERN/IT/PES in production at the Tier0, wherelse EMI FTS 2.2.8 is installed on the pilot service (and in production at RAL). Official EMI release date is 2012/02/16. Sites should report every Thursday at the end of the daily meeting when they plan to upgrade so that all is done before LHC data taking (mid-March).
- gfal2, one of the component libraries for FTS3, has been released for beta testing - <https://svnweb.cern.ch/trac/lcgutil/wiki/gfal2>
 - ◆ srmBringOnline being implemented at LHCb's request

DPM news

- DPM 1.8.3, not yet certified, will concentrate on packaging improvements, in particular EPEL compatibility
- DPM 1.8.2-3 (EMI release) certified
- DPM 1.8.2-3 (gLite release) in staged rollout
 - ◆ 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>
- Monthly 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) certified
- LFC 1.8.2-2 (gLite release) in staged rollout
 - ◆ 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	Upgrade to SLC5 64-bit only pending for lfcshared1/2
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	1.7.4-7	SL5 64-bit	Oracle	Oracle backend migration pending
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

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 experiment databases have been successfully upgraded to 11gR2.

- ◆ January security patches have also been deployed all all experiment databases.
- ◆ Change of the compatible parameter from 10.2.0.5 to 11.2.0.3 ongoing.
- ◆ Several issues affected Streams replication after the upgrades:
 - ◇ Bug when using segment advisor (metalink Streams Capture Aborting With ORA-26767 Due To Temp Tables Created By DBMS_COMPRESSION [ID 1082323.1]). Workaround: add additional capture rules to ignore offending LCRs.
 - ◇ 11.2.0.3 cannot capture changes on compressed tables when 'compatible' parameter is not raised to 11.2.0.3.
 - ◇ Compatible parameter has to be modified before or after the upgrade when all instances are up. Otherwise logminer will abort with ora-600. Making dictionary dump after change the parameter is a good practice.
 - ◇ Capture process tends to crash during reading of logs written during upgrade. Workaround: recreation of the process to start just after the upgrade.

- Site reports:

Site	Status, recent changes, incidents, ...	Planned interventions
BNL	None	Migration of the Conditions Database to 11g and a new hardware, Feb 22 2012. Oracle data guard (physical standby database) will be used during this intervention.
CNAF	LHCb updated to 11g on 31Jan-01Feb	We still have this problem of huge amount of FTS old data to delete, which is mainly slowing down FtsMonitor, that is too big to be purged by the official scripts. This issue will be treated starting with a clean DB after the scheduled down for FTS HW consolidation and upgrade to SL5+EMI. We are coming closer to this, but there isn't a fixed date yet.
KIT	Jan 24: ATLAS 3D DB migration to 11g, Feb 1: LHCb 3D/LFC DB upgrade to 11g and migration to new hardware.	
IN2P3	On 7 february, ASM gets stuck what had for consequence to abort the apply process.ASM had risen many access errors to some old raw devices which had been deleted at the OS level.The problem has been fixed by bouncing machines Oracle has provided a solution for the problem observed during last upgrade attempt. Unfortunately the solution stop working just before redoing upgrade of LHCb database (09.02)	
PIC	LHCb database upgraded to 11g (30.01)	Upgrade of FTS and migration of the ATLAS LFC is intended to do between 27th to 29th of february, but the exact day is not fixed yet.
RAL	LHCb 3D upgraded to 11g (31.01)	January security patches to be applied, no date yet
SARA	LHCb 3D upgraded to 11g (01.02) - took until 02.02	
TRIUMF	Oracle's JAN 2011 CPU Patch applied to our ATLAS 3D, FTS & TAG database servers.	Short outage to change the database_compatible parameter to 11.2.0.3 to be scheduled

AOB

-- AndreaSciaba - 08-Feb-2012

This topic: LCG > WLCGTier1ServiceCoordinationMinutes120209

Topic revision: r15 - 2012-02-09 - GiuseppeLoPresti



Copyright &© 2008-2022 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)