

# Table of Contents

<b>WLCG Tier1 Service Coordination Minutes - 11/11/2010.....</b>	<b>1</b>
Attendance.....	1
Release Update.....	1
WLCG Baseline Versions.....	1
Data Management & Other Tier1 Service Issues.....	1
CASTOR news.....	2
CERN operations.....	2
Development.....	2
xrootd news.....	2
dCache news.....	2
StoRM news.....	3
FTS news.....	3
DPM news.....	3
LFC news.....	3
LFC deployment.....	3
Experiment issues.....	3
GGUS Issues.....	3
Outstanding SIRs.....	4
Conditions data access and related services.....	4
COOL, CORAL and POOL.....	4
Frontier/Squid.....	4
Database services.....	4
AOB.....	5
Action List.....	5

# WLCG Tier1 Service Coordination Minutes - 11/11/2010

## Attendance

Local: Ricardo, Oliver, Dirk, Kors, Gavin, Alexei, Flavia, Roberto, Massimo, Andrea V, Maarten, Miguel, Manuel, Alessandro, Nicolo, Simone, Jamie, Maria A, Maria D, Maria G, Huang.

Connected: Michael, Carlos, Jon B, Jon NDGF, John DS, John K, Felix, Elena, Xavier, Gonzalo, Andrew, Ron, Rolf, Carmine, Andrew S, Andreas, Alexander, Jeremy, Foued, Joel, Ian, Paul, Jhen-Wei, Dave.

## Release Update

### WLCG Baseline Versions

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

## Data Management & Other Tier1 Service Issues

Site	Status	Recent changes	Planned changes
CERN	CASTOR 2.1.9-8 (ATLAS) CASTOR 2.1.9-9 (ALICE, CMS and LHcb) SRM 2.9-4 (all) xrootd 2.1.9-7	LHCb upgraded on 8-NOV-2010	
ASGC	CASTOR 2.1.7-19 (stager, nameserver) CASTOR 2.1.8-14 (tapeserver) SRM 2.8-2	11/11 00:00-06:00 UTC: scheduled downtime for network maintenance	none
BNL	dCache 1.9.4-3 (PNFS)		
CNAF	StoRM 1.5.4-5 (ATLAS, CMS, LHcb,ALICE)		
FNAL	dCache 1.9.5-23 (PNFS) Scalla xrootd 2.9.1/1.4.2-4	Upgraded dCache on Nov 8 xrootd read accessed opened to CMS VO <b>WARNING:</b> new (gsi)dcap client stricter on correct use of slashes in URLs!	
IN2P3	dCache 1.9.5-22 (Chimera)	The recent performance and stability problems with the storage seem to be due to problems with Solaris on the disk servers, i.e. not due to dCache or its configuration; the issues can be reproduced with "iperf". Paul: PIC have seen similar issues with Solaris, getting better performance using Linux instead.	
KIT	dCache 1.9.5-15 (admin nodes)		

	(Chimera) dCache 1.9.5-5 - 1.9.5-15 (pool nodes)		
NDGF	dCache 1.9.7 (head nodes) (Chimera) dCache 1.9.5, 1.9.6 (pool nodes)		
NL-T1	dCache 1.9.5-19 (Chimera) (SARA), DPM 1.7.3 (NIKHEF)		
PIC	dCache 1.9.5-21 (PNFS)		
RAL	CASTOR 2.1.7-27 and 2.1.9-6 (stagers) 2.1.9-1 (tape servers) SRM 2.8-2 and SRM 2.8-6		CMS upgrade to 2.1.9-6 on 16-18/11/10 and ATLAS to 2.1.9-6 on 6-8/12/10. Upgrades to 2.1.9-10 early 2011
TRIUMF	dCache 1.9.5-21 with Chimera namespace	none	none

## CASTOR news

### CERN operations

LHCb has been upgraded. We are following on a alarm ticket (not necessarily linked to the upgrade). A post-mortem (upgrade + ticket) is planned for the end of the week.

We are preparing for the DB upgrades on the stagers (after the HI run but before Christmas). The DB upgrade related to the NS is definitely for January 2011 (it affects all instances (hence VO) and will require some downtime)

### Development

Release 2.1.9-10 has been produced, which mainly targets issues found at RAL following their upgrade to 2.1.9. Full release notes and upgrade instructions are available [↗](#).

## xrootd news

### dCache news

- Installed an experimental RSS feed for the different dCache downloads. It is linked from the dCache download pages and the feeds are organized per target (e.g. clients, server versions, etc.)
- New Golden Release, 1.9.5-23 (see the release notes [↗](#)). Highlights:
  - ◆ Space Manager Database access was optimized to make better use of indexes.
  - ◆ Fixed read from pool that was disabled with the `-rdonly` flag of the `pool disable` command.
  - ◆ Fixed xrootd mover TCP port allocation to avoid reusing a port until previous transfers on the port have finished.
  - ◆ Fixed implementation of `rep ls -l=c` command.
- Recommended feature release: 1.9.10-2 (release notes [↗](#)). Highlights:
  - ◆ Mostly speedup of the SRM, xrootd and NFS4.1 protocol.

## StoRM news

- GGUS:64107 [was](#) opened about a possible incompatibility of gLite 3.2 VOMS proxies with StoRM, but the problem turned out to be due to an incorrect configuration of the StoRM server.

## FTS news

## DPM news

- DPM 1.8.0-1 has been certified
  - ◆ fixing memory leaks and thread safety issues in VOMS library (used e.g. in SRM v2.2 daemon)
  - ◆ allowing admin to ban users (DN or VOMS FQAN)
- dpm-xrootd 2.2.0-1 has been certified
- Working on DPM 1.8.1:
  - ◆ faster dpm-drain and replication
  - ◆ refactoring of Name Server code for better performance of SRM, xroot and NFS 4.1

## LFC news

- LFC 1.8.0-1 has been certified
  - ◆ fixing memory leaks and thread safety issues in VOMS library (used in LFC daemon)
  - ◆ allowing admin to ban users (DN or VOMS FQAN)

## LFC deployment

Site	Version	OS, n-bit	Backend	Upgrade plans
ASGC	1.7.2-4	SLC4 64-bit	Oracle	Testing on a database dump, upgrade will be scheduled after tests, no date for now
BNL	1.7.2-4	SL4	Oracle	1.7.4 on SL5 in November
CERN	1.7.3 64-bit	SLC4	Oracle	Will upgrade to SLC5 64-bit by the end of the year
CNAF	1.7.2-4	SLC4 32-bit	Oracle	1.7.4 on SL5 64-bit in November
FNAL	N/A			Not deployed at Fermilab
IN2P3	1.7.4-7	SL5 - 64 bits	Oracle	
KIT	1.7.4	SL5 64-bit	Oracle	
NDGF				
NL-T1				
PIC	1.7.4-7	SL5 64-bit	Oracle	
RAL	1.7.4-7	SL5 64-bit	Oracle	
TRIUMF	1.7.2-5	SL5 64 bit	MySQL	

## Experiment issues

## GGUS Issues

Maria D. will update the CMS ticket IN2P3 to MIT transfers to clarify the investigation is expected from IN2P3. She will also re-assign the finnish T2 ticket from Gstat to NDGF to prompt them to change config. parameters in order to attribute the T2 FIN its real resources in the WLCG monitoring. KIT was reminded to finish configuring CE and batch nodes with the new CMS VOMS Roles on hiproduction.

## Outstanding SIRs

Three reports were discussed (see agenda [↗](#))

1. The RAL - storage degradation for LHCb Full Report [↗](#).
2. An interim report from IN2P3 about shared area problems (see attachments below).
3. The need for a report addressing the problems seen by LHCb "since the recent CASTOR upgrade" (although it has since been confirmed that the specific problem reported pre-dated this upgrade).

## Conditions data access and related services

### COOL, CORAL and POOL

### Frontier/Squid

- Squid service deployment discussion
  - ◆ **Kors Bos (ATLAS) announced that ATLAS had taken the decision to not share Squids with other experiments. Discussion closed.**

## Database services

- Topics of general discussion
  - ◆ Distributed Database Operations Workshop - please register if attending social dinner:

<http://indico.cern.ch/conferenceDisplay.py?confId=111194> [↗](#)

- Experiment reports:
  - ◆ ALICE:
    - ◇ Nothing to report
  - ◆ ATLAS:
    - ◇ Conditions replication to SARA fixed.
    - ◇ Atlas PANDA applications have suffered from transaction locking issues on Wednesday (3rd Nov) afternoon. DBAs had to intervene to kill user sessions to unblock the application. We are following up with Atlas on the issue.
  - ◆ CMS:
    - ◇ On Tuesday morning (9th Nov) CMS PVSS replication from online to offline database was unexpectedly disabled for 2 hours due failure of one of weekly automatic maintenance procedures (shrinking of LogMiner table). The procedure has been modified on to inform DBAs via email whenever its execution is unsuccessful.
    - ◇ On Tuesday (9th Nov) CMS PVSS replication was affected once again for 30 minutes because of user error (using table without primary key) which caused abort of the apply process.
  - ◆ LHCb:
    - ◇ Conditions replication to SARA fixed.
- Site reports:

Site	Status, recent changes, incidents, ...	Planned interventions
ASGC	Nothing to report	- Install and set up TSM - Data Guard studies, testbed creation and implementation plans.
BNL	Nothing to report	

		Deployment of PSU OCT 2010 in TAGS test cluster. Performance tests of data replication using Transportable Tablespaces between Triumpf and BNL for TAGS database.
CNAF	Nothing to report	None
KIT	Nothing to report	None
IN2P3	Nothing to report	None
NDGF	Nothing to report	None
PIC	Nothing to report	None
RAL	Nothing to report	Planning to apply October PSU on 3D DBs at the next CERN technical stop.
SARA	Nothing to report	November 16th starting at 7:00 UTC until 17:00 UTC- intervention is caused by maintenance on network infrastructure.
TRIUMF	Nothing to report	None

## AOB

## Action List

Action number	Description	Announced	Due	Last Update	Status
20101028_01	RAL out of production due to Atlas upgrade Being an announcement and not an action it will not be further followed up	20101028	20101206-08	20101119	Open
20101028_02	Configure new ASGC T2 channels Done at: ASGC, CERN, IN2P3. KIT: tomorrow	20101028	20101104	20101111	Open
20101028_03	CMS to decide on redirector fix of GGUS:62696	20101028	a.s.a.p.	20101028	Open
20101028_04	IN2P3 (P.Girard)-CERN(H.Renshall) WG to address Afs issues of LHCb shared area GGUS:59880,GGUS:62800 The WG is active (thanks to Harry) and an intermediate report is attached	20101028	a.s.a.p.	20101111	Closed
20101028_05	Invite Dave Dijkstra to discuss FroNTier/squid sharing by Atlas and CMS sites	20101028	20101111	20101028	Open

-- AndreaSciaba - 10-Nov-2010

This topic: LCG > WLCGTier1ServiceCoordinationMinutes101111

Topic revision: r15 - 2010-11-19 - AndreaSciaba



Copyright &© 2008-2021 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