

# Table of Contents

<b>WLCG Operations Coordination Minutes - Virtual meeting April 23rd, 2015.....</b>	<b>1</b>
Agenda.....	1
Attendance.....	1
Operations News.....	1
WLCG Workshop at Okinawa & CHEP-specific feedback.....	1
Middleware News.....	1
Tier 0 News.....	2
Tier 1 Feedback.....	2
Tier 2 Feedback.....	2
Experiments Reports.....	2
ALICE.....	2
ATLAS.....	2
CMS.....	2
LHCb.....	2
Ongoing Task Forces and Working Groups.....	2
gLExec Deployment TF.....	2
SHA-2.....	3
Machine/Job Features.....	3
Middleware Readiness WG.....	3
Multicore Deployment.....	3
IPv6 Validation and Deployment TF.....	3
Squid Monitoring and HTTP Proxy Discovery TFs.....	3
Network and Transfer Metrics WG.....	4
HTTP Deployment TF.....	4
Action list.....	4
AOB.....	4

# WLCG Operations Coordination Minutes - Virtual meeting April 23rd, 2015

## Agenda

- <https://indico.cern.ch/event/389457/>

## Attendance

- local: Maria Dimou (minutes & organisation. This is a virtual meeting)
- remote: This is a virtual meeting

## Operations News

- No special issues. <https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOperationsMeetings> contains the 3pm Ops calls since the last WLCG Ops Coord meeting of April 2nd. All ops news are there.

## WLCG Workshop at Okinawa & CHEP-specific feedback

Those who were present, please edit this section or send it to Maria Dimou for homogeneous editing.

## Middleware News

- Useful Links:
  - ◆ Baseline Versions
  - ◆ MW Issues
  - ◆ Storage Deployment
- Baselines:
  - ◆ New version of FTS3. ( v 3.2.33 ). <https://fts3-service.web.cern.ch/content/fts-3.2.33/>.
    - ◇ In particular improves REST API performances and fixes memory consumption issues
- MW Issues:
  - ◆ NTR
- T0 and T1 services
  - ◆ CERN
    - ◇ Planned to upgrade FTS3 to v 3.2.33 next week
  - ◆ CNAF
    - ◇ All STORM Instances moved to the new virtualized environments
  - ◆ JINR-T1
    - ◇ Minor dCache upgrade to 2.10.25
  - ◆ NDGF
    - ◇ Minor dCache upgrade to 2.12.5
  - ◆ TRIUMF
    - ◇ Major dCache upgrade to 2.10.24

## Tier 0 News

## Tier 1 Feedback

## Tier 2 Feedback

## Experiments Reports

### ALICE

- normal to very high activity
  - ◆ new job records on Sunday Apr 19: **82k** maximum, **80k+** for a few hours!
  - ◆ taking advantage of opportunistic resources
- CASTOR at CERN: file access instabilities for re-reco jobs (GGUS:113106 [↗](#))
  - ◆ ad-hoc cure applied by CASTOR operations team
  - ◆ code fix being implemented

### ATLAS

### CMS

- Main production activities
  - ◆ DIGI-RECO of Upgrade Monte Carlo - Tier1s
- reached the quota limit on EOS unmerged area, since now also the T0 writes there. Understanding and setting new quotas.
- some sites are complaining about "hot files" being requested much more than the average. This is understood at our SW level: the first pile-up file is always opened, in order to read metadata. - Processing agent patched to randomize the opening
- Some problems with CASTOR at CERN, likely saturating number of connections
  - ◆ GGUS:113049 [↗](#)
  - ◆ GGUS:113036 [↗](#)
- CMS streamer files now are written to EOS (and not to CASTOR)
- Tickets about mis-behaving CEs (see action items)
  - ◆ CMS Site Status Board marks site only red, when all CEs are failing
  - ◆ Site can go red, when CEs are red and others are 'unknown' (question of implemented logic)
  - ◆ Ambitious people still might send tickets, when they see individual CEs

### LHCb

- Operations dominated by Monte Carlo productions and user analysis
- Few operational issues:
  - ◆ RAL network problems on 8/9 April
  - ◆ NIPNE FTS transfer failures out of the site

## Ongoing Task Forces and Working Groups

### gLExec Deployment TF

- gLExec in PanDA:
  - ◆ testing campaign covers all ATLAS analysis sites that currently have gLExec (61 out of 94)

- ◆ the issues at RAL and RALPP appear to be related to the use of the ARC CE and/or Condor
  - ◇ similar errors appeared at TW-FTT when they switched to such a setup
  - ◇ more debugging enhancements have been submitted for inclusion in the next pilot release

## SHA-2

- **REMINDER:** the old VOMS server aliases (`lcg-voms.cern.ch`) are to be **removed** in a few days!
  - ◆ New date: **Tue Apr 28** (was: Wed Apr 29)
    - ◇ intervention description [↗](#)
- Rationale:
  - ◆ The only reason for keeping the old VOMS server aliases was to allow the old VOMRS registration URLs to forward users to the new VOMS-Admin services:
    - ◇ <https://lcg-voms.cern.ch:8443/vo/alice/vomrs/> [↗](#)
    - ◇ <https://lcg-voms.cern.ch:8443/vo/atlas/vomrs/> [↗](#)
    - ◇ <https://lcg-voms.cern.ch:8443/vo/cms/vomrs/> [↗](#)
    - ◇ <https://lcg-voms.cern.ch:8443/vo/lhcb/vomrs/> [↗](#)
  - ◆ While the `lcg-voms.cern.ch` alias still exists (and `voms.cern.ch` too), we need to have special exceptions in the CERN routers to prevent that remote clients might hang if they still try to access the VOMS daemons that used to run on those hosts.
  - ◆ Of course, nothing *should* be doing that anymore, but you can be sure there still are *plenty* of places where the old VOMS endpoints are configured along with the new ones. In such cases we want clients to fail over quickly, instead of hanging and timing out.
  - ◆ We now have made the transition from VOMRS to VOMS-Admin, and although everything is not perfect yet, we will not be needing to go back.
  - ◆ Therefore we finally would like to remove those old aliases and get rid of those routing exceptions.

## Machine/Job Features

- contacts to more sites who would like to try out MJF on their batch clusters, but all at low prio
- currently preparing a technical report on MJF for the HSF

## Middleware Readiness WG

- Please remember the actions from our 18 March meeting.
- Work by the MW Officer Andrea Manzi and the Pakiti client (Package Reporter) expert developer Lionel Cons is starting on the collection and visualisation of product versions' installed per Volunteer Site. Details in [JIRA:56](#) [↗](#)
- Please give input to Maria Dimou for the preparation of the next vidyo meeting on **Wed May 6th at 4pm CEST**.

## Multicore Deployment

## IPv6 Validation and Deployment TF

## Squid Monitoring and HTTP Proxy Discovery TFs

- Nothing to report this week -- one of the main developers is going on paternity leave soon

## Network and Transfer Metrics WG

### HTTP Deployment TF

### Action list

- The network incident (degradation) between Triumpf and RAL reported by ATLAS will be a case to test the procedure put in place by the network metrics WG.
- CMS instructions to shifters to be changed so that tickets are not opened if just one CE is red.
- Maarten to follow-up with the experiments that the dates for removing the VOMS servers' aliases, as reported in the SHA-2 TF section above, are kept.

### AOB

- The next meeting is on May 7th.

-- MariaDimou - 2015-04-21

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