



Middleware Verification Status

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ATLAS

<https://twiki.cern.ch/twiki/bin/viewauth/AtlasComputing/MiddlewareReadinessWorkingGroup>

DPM

Cream-ce

dCache

Storm

DPM

- DPM 1.8.9
- Volunteer site : Edinburgh
- Package reporter correctly installed
- Verification Status
 - Panda Jobs and Rucio transfers are ok
 - BUT..
 - Wahid discovered an issue on the latest dmlite 0.7.1 part of DPM, where the gridftp server logs always at maximum level
 - Not possible to spot via current testing, required site admin internal monitoring
- DPM 1.8.9 failed to be verified
 - Fix has been released and under testing

CREAM-CE

- CREAM CE 1.16.4
- Volunteer site: INFN-NAPOLI
- Package reporter correctly installed
- Verification Status
 - The Panda queue has been setup but no jobs are sent
 - Under investigation by D. Cameron and other experts

dCache

- dCache 2.6.35 and 2.11.0
- Volunteer sites : Triumpf (2.6.25) and NDGF (2.11.0)
- Package reporter not installed
- Verification Status
 - Triumpf Panda jobs and Rucio Transfers are Ok
 - dCache 2.6.35 can be considered verified (already in UMD)
 - NDGF Rucio Transfers are fine but still no jobs are running on the configured queue
- dCache 2.11.0 still to be verified

Storm

- Storm 1.11.5 (and 1.11.6?)
- Volunteer sites : QMUL and INFN-T1
- Package reporter not installed
- Verification Status
 - QMUL(1.11.5) Rucio Transfers are ok, Panda Jobs queue has been setup but no jobs are running yet
 - INFN-T1 has not yet installed the node for MW readiness and it's not clear if it's going to install v 1.11.5 or v 1.11.6
- Storm verification to be completed

CMS

<https://twiki.cern.ch/twiki/bin/view/CMSPublic/MiddlewareValidation>

DPM

Cream-CE

dCache

EOS

DPM

- DPM 1.8.9
- Volunteer site: GRIF
- Package reporter correctly installed
- Verification Status
 - After the upgrade the sites was affected by HW issues (not only the pre-prod but also the production site..)
 - At the moment HC jobs and Phedex transfers are fine
 - But
 - Given the problem encountered by Edinburgh we will ask to install the fix and repeat the verification process

CREAM-CE

- CREAM CE 1.16.3
- Volunteer site: INFN-LNL-2 (Legnaro)
- Package reporter correctly installed
- Verification Status
 - Node ready since August
 - Still waiting for HC jobs configuration
 - A. Sciaba' to report about this
- Will ask site manager to upgrade to v 1.16.4 when we will have test set up

dCache

- dCache 2.6.35
- Volunteer site: PIC
- Package reporter not installed
- Verification Status
 - Ongoing discussions with Antonio and Pepe from PIC
 - The Node has not been configured yet
 - To understand the status and go for a newer version of dCache

EOS

- EOS v?
- Volunteer site: CERN
- Package reporter not installed
- Verification Status
 - Node ready, CMS tests to be setup

LHCb

<http://lhcb-release-area.web.cern.ch/LHCb-release-area/DOC/lhcbdirac/rst/html/Certification/tree.html>

voms-client

VOMS-Client

- Voms-client 3.0.4 under verification
- Status?

- New version has been released in EMI (3.0.5)
- If interested we can install it on WLCG Grid AA and CVMFS for testing

Next Activities

- dCache has released many new versions, also to fix problems spotted by WLCG
 - dCache 2.11.2
 - dCache 2.6.38
 - To Ask volunteer sites to upgrade
- DPM 1.8.9 and Storm 1.11.5 verification to be completed together with CREAM-CE 1.16.4
- EOS tests to be setup

New verifications?

- A new version of HT-Condor has been released, 8.2.4 on 12 Nov
- http://research.cs.wisc.edu/htcondor/manual/v8.2.4/10_3_Stable_Release.html
- We should understand if the version contains fixes for condor-g to be tested from ATLAS Pilot Factory and if we have ATLAS sites interested in testing HT-Condor CE

New verifications?

- FTS3 both on the lists for CMS and ATLAS
 - Pilot FTS3 deployment can be used for this purpose?
 - We should then agree on the Workflows to use
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- Xrootd is on the list of product for ATLAS
 - Since it's part of EOS can we test it while verifying EOS for ATLAS?
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- WN is on the list for CMS. To contact GRIF as volunteer site

CVMFS grid.cern.ch

DMC (Data Management client) development team is thinking to install DMC libs on the grid.cern.ch CVMFS as part of the release process

- As soon they are pushed to epel-testing, they will be installed in WLCG Grid AA and then to CVMFS
- Are ATLAS/CMS/LHCb interested in this?

MW readiness and EGI Staged Rollout

- We need Staged Rollout as we cannot automatically tests all software corners (see DPM issue)
- And EGI can benefit from our testing as well
- Participation to URT meetings every 2 weeks
 - For us to understand software released by PTs and validated by Staged Rollout
 - Slot for MW readiness to report about our verifications

Other activities

- Testing package reporter via job submission
 - I have include it as job payload and done some tests at CERN-PROD
 - If agree we can continue and extend the test to get info from all WNs deployed at CERN
 - This will be important to test also scalability of the Package Collector
- No progresses on MW readiness DB, waiting for decisions around Pakiti integration (see Lionel presentation)

MW readiness Jira

- <https://its.cern.ch/jira/browse/MWREADY>
- All activities are tracked via labeled tickets
- i.e. X product, Y site, Z experiment

- New Dashboard to understand the MW under verifications:
- <https://its.cern.ch/jira/secure/Dashboard.jspa?selectPageId=15100>

Questions?

