





MW Readiness 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 (with dmlite 0.7.2)
- Volunteer site : Edinburgh
- Package reporter installed needs now update![\[link\]](#)
- Verification Status
 - Logging issue found with dmlite 0.7.1, new version 0.7.2 installed and verified
- DPM 1.8.9 verified
- No new DPM releases to verify for the moment
- New DPM-Xrootd needed for Xrootd4 integration under preparation (see later)

CREAM-CE

- CREAM-CE 1.16.4
- Volunteer site: INFN-NAPOLI
- Package reporter installed needs now update![\[link\]](#)
- Verification Status
 - The Panda queue has been setup but still no tasks are sent to pilot
 - Under investigation by D. Cameron and other experts

dCache

- dCache 2.6.38 and 2.11.4
- Volunteer sites : Triumf (2.6.38) and NDGF (2.11.4)
- Package reporter not installed
- Verification Status
 - Jobs and transfers are ok -> dCache 2.6.38 and 2.11.4 verified
- dCache 2.11.5 installed at NDGF under verification
- To contact Triumf for a new version of dCache to be verified (2.6.41 ?)

StoRM

- StoRM 1.11.5
- Volunteer sites : QMUL and INFN-T1
- Package reporter not installed
- Verification Status
 - QMUL: Running a pre-release 1.11.5, to update to EMI3 version when available
 - Rucio Transfers are ok, Panda Jobs queue has been setup but no jobs are running yet
 - INFN-T1 has prepared the node for the installation and it should be ready by the end of the week

• StoRM 1.11.6 released today..



CMS

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

DPM

Cream-CE

dCache

EOS

DPM

- DPM 1.8.9
- Volunteer site: GRIF
- Package reporter installed needs now update![\[link\]](#)
- Verification Status
 - After the fix for 1.8.9 installed both Phedex tests and HC jobs are running fine -> DPM 1.8.9 verified for CMS
- No new DPM releases to be verified (new Dpm-Xrootd under preparation)
- GRIF site manager is also interested in testing GridFTP redirection (not srm access)

CREAM-CE

- CREAM CE 1.16.3
- Volunteer site: INFN-LNL-2 (Legnaro)
- Package reporter installed needs now update![\[link\]](#)
- 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.x /2.10.x?
- Volunteer site: PIC
- Package reporter not installed
- Verification Status
 - The Node has not been configured yet
 - To understand the status and which version to install for testing
- P. Flix suggested to use the MW readiness instances to test also the xrootd federation + monitoring plugins
 - +1 on this

EOS

- EOS v 0.3.74
- Volunteer site: CERN
- Package reporter not installed
- Verification Status
 - Node ready, CMS Phedex tests under 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 tested by LHCb
- For their particular use case they cannot use it in production (as reported by Joel the voms-proxy-init command options are different w.r.t version 2)
- Not clear if this problem has been reported to devs
- New versions has been released in EMI (3.0.6)

New Verifications – HT-Condor

- New versions of HT-Condor have been released: 8.2.6 and 8.3.2
- We agreed to test the condor-g component on some pre-prod/testing ATLAS Pilot Factories
 - To contact then the testing Cream-CE at INFN-NAPOLI
- Can we plan this activity?

New Verifications – Argus

- During the Argus collaboration meeting in December it has been agreed to perform Argus scalability tests in the context of Middleware Readiness WG
- Mainly to understand what is causing strange service outages under high load
 - https://ggus.eu/index.php?mode=ticket_info&ticket_id=105666
- Maarten already agreed with CERN T0 to have a testbed installed here
- What are the next steps?

New verifications – Xrootd 4 deps

- Xrootd 4.1.1 is on EPEL-testing and its move to stable will affect mainly DPM
- DPM-Xrootd is under preparation and we will ask our volunteer sites to upgrade when ready
- New Xrootd monitoring and federation plugins have to be also tested

New verifications – WN

- WN is on the list for CMS.
- Still to contact GRIF as volunteer site

Other activities

- Tested new pakiti client on some internal testbeds
- Started implementation of the MW Readiness DB REST API and admin interface
 - Needed for Dashboard integration

<https://its.cern.ch/jira/browse/MWREADY>

Questions?

