






MW Readiness Verifications

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Status and plans



Experiments documentation

More than one year since the info from the Experiment were first provided:

- **ATLAS:**
 - <https://twiki.cern.ch/twiki/bin/view/AtlasComputing/MiddlewareReadinessWorkingGroup>
- **CMS:**
 - <https://twiki.cern.ch/twiki/bin/view/CMSPublic/MiddlewareValidation>
- **LHCb (generic doc)**
 - <http://lhcb-release-area.web.cern.ch/LHCb-release-area/DOC/lhcbdirac/rst/html/Certification/tree.html>

Experiments plans

Time for reviewing the MW Products lists

- add/remove Products for verifications, raise or lower priorities
- Would be good to update also the tables with missing links to Monitoring tools (in particular for CMS)

LHCb has not participated much in this WG, any interest in new products to verify?

What about ALICE? Start participating by verifying

Xrootd4?
IT-SDC



Experiments Workflow Review

It would be good to review also the Verification Workflows

- Do we want to add more testing activity?
 - New protocols for Storage testing?
 - FAX / AAA federations testing ?
- Stress testing ?
- What about using SAM ?

Verification Issues

Some planned installations by sites not yet started or there are issues in setting up the tests since months

- ATLAS
 - STORM @ CNAF -> not yet installed
- CMS
 - EOS @ CERN -> problems setting up the Phedex tests
- ATLAS & CMS
 - dCache.org node not yet ready for testing

Verification Issues

- ARGUS
 - Testing infra under setup ?
- To include Actions in the Today's Minutes for Sites and Experiments

Pakiti-client installation

- Most of the sites participating to MW readiness are correctly running the pakiti-client (CERN started today 😊)
- But some are missing:
 - PIC
 - NDGF
 - TRIUMF
 - CNAF
- We should make sure that at least the MW readiness nodes are configured (Action for me)

Verification Plans

Plans for Products listed by the Experiments and not yet verified:

- WN for CMS @ GRIF
 - Postponed, but plan to have it done after the summer
- Xrootd4 for ATLAS/CMS
 - Volunteer sites needed

Continue to monitor new versions of the Products already under verification and coordinate with sites for upgrade/testing

Verifications Report



ATLAS

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

DPM – no updates

Cream-CE

dCache

StoRM

HT-Condor (condor-g)

CREAM-CE

- CREAM-CE 1.16.5
- Volunteer site: INFN-NAPOLI
- pakiti-client OK!
- Verification Status
 - OK! No issues reported
 - CREAM 1.16.5 verified

dCache

- dCache 2.10.[22, 24] and 2.12.[0,5]
- Volunteer sites : Triumf (2.10.x) and NDGF (2.12.x)
- pakiti-client not installed
- Verification Status
 - Issue found for 2.10.22 with SRM operations via FTS, reported to dCache.org has been fixed in 2.10.24
 - 2.10.24 verified (next 2.10.28 released yesterday)
 - NDGF is always quite active upgrading to the latest available versions, no issues reported
 - 2.12.5 verified (next 2.12.8 released yesterday)

StoRM

- StoRM 1.11.8
- Volunteer sites : QMUL and INFN-T1
- Pakiti-client installed at QMUL
- Verification Status
 - QMUL: small issue reported to Storm devs, but not affecting the storage operations
 - StoRM 1.11.8 verified at QMUL
 - CNAF -> nothing installed
 - No new versions to verify at the moment

HT-Condor (condor-g)

- HT-condor 8.3.2 running on a DEV pilot ATLAS Factory
- Volunteer Site: CERN
- Pakiti-client installed
- Verification Status
 - Pilot jobs correctly spawn to all the MW readiness test queues
 - No issues encountered so far
 - We spotted just a problem at INFN-Napoli because of an automatic upgrade of Torque which broke the installation (already known and reported at WLCG level)

CMS

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

DPM – no updates

Cream-CE – no updates

dCache

EOS – no updates

ARC-CE

dCache

- dCache 2.12.5
- Volunteer site: PIC
- pakiti-client not installed
- Verification Status
 - The Node has been configured after Easter
 - Tests configuration on going

ARC-CE

- ARC-CE 5.0.0
- Volunteer site: Brunel
- pakiti-client installed
- Verification Status
 - ARC-CE installation is on-going (released in EPEL later than planned, ~15 days ago)
 - tests configuration will follow

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

Questions?

