

EMI-X WN testing from ATLAS

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- We agreed with WLCG that experiments will test ASAP the compatibility of the EMI WNs with the production and analysis frameworks
 - Should focus on EMI-II. EMI-I reported for completeness.
- ATLAS efforts are summarized in
 - <https://twiki.cern.ch/twiki/bin/viewauth/Atlas/MWIntegration>
- Need to test both prod and analysis, also with direct I/O in some cases
 - then the SE flavor is important
- Few volunteer sites have tested and reported
 - A particular thanks to UK and IT. ATLAS Computing Coordination promised infinite “gratitude” to participants
 - Some combinations have been tested and not reported but will soon
 - Some combinations have not been tested (see later)

- Status:
 - EMI-1/2 against DPM has been validated for Prod and Analysis (we thought)
 - w/o RFIO direct access: not used at the moment
 - StoRM validated against EMI-1 (in production at CNAF)
 - EMI-2 under test (queue exists at CNAF)
 - CASTOR has been validated against EMI-2 at RAL
 - dCache (and EOS) untested
 - Not easy to find a site
 - A bug has been recently reported about a hardcoded timeout in lcg-utils in EMI-2. Needs fixing (not easy to spot in the tests).
- Next Steps
 - Install EMI WN on CVMFS and test from there
 - then we can also use it in production
 - we had it as a plan since quite some time
- In the meanwhile, if a dCache site is willing to test, please do and report.
- SL6 + EMI-II validation is also starting