



EMI-2 WN validation

GDB

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- WLCG
 - <https://twiki.cern.ch/twiki/bin/view/LCG/WorkerNodeTesting>
- ATLAS
 - <https://twiki.cern.ch/twiki/bin/view/Atlas/MWIntegration>
- CMS
 - <https://twiki.cern.ch/twiki/bin/view/CMS/DFSIntegrationEMIMigration>
- Participating sites per SE type, more are welcome

CASTOR	RAL	ATLAS, CMS	SL5
dCache	DESY	ATLAS, CMS	SL5, SL6
DPM	Brunel	ATLAS, CMS, LHCb	SL6
DPM	Liverpool	ATLAS, LHCb	SL5
DPM	Oxford	ATLAS, CMS	SL5
StoRM	CNAF	ATLAS, CMS	SL5

SE type	Site	WN version	Prod jobs	Analysis
CASTOR	RAL	2.1.0	Yes (10 WN)	Yes (10 WN)
dCache	DESY	2.x.0	No (*)	No (*)
DPM	Brunel	1.0.0	Yes	
DPM	Liverpool	2.0.0	Test	Yes
DPM	Oxford	2.0.0	Test	
DPM	Prague	1.9.0	Yes	Yes
DPM	RHUL	2.0.0	Test	Yes
StoRM	CNAF	1.0.0	Yes	Yes

(*) **gsidcap access fails with limited proxies**, ticket opened for dCache:
https://ggus.eu/ws/ticket_info.php?ticket=87065

But CMS (see next page) do not report such a problem!

Access type	EMI-1		EMI-2 SL5		EMI-2 SL6	
	CMSSW 4_4_5	CMSSW 5_3_1	CMSSW 4_4_5	CMSSW 5_3_1	CMSSW 4_4_5	CMSSW 5_3_1
CASTOR RFIO	OK	OK		OK		
dCache dcap	OK	OK	OK	OK	OK	OK
dCache gsidcap	With hack	With hack	With hack	With hack	With hack	With hack
DPM RFIO	With hack	OK	With hack	OK	With hack	With hack

It seems those hacks can still be tolerated for now.

- Update WLCG page with matrix of SE type against supported VOs showing the latest validation results for each combination
 - Any site can look for all matching boxes and upgrade to EMI-2 (or -1) when they are all OK
- Try to fix remaining big issues ASAP
 - Make fixes first available via testing repo as usual
- Consolidate fixed packages into next WN update
 - In progress by Cristina and CERN DM team
- Longer term: set up HammerCloud instance to keep exercising the test queues with representative jobs