

Name of the component	WMS		
Release	<b>emi.wms.sl5.x86_64-3.3.0</b>	RT-Ticket-Id:	2221
Software Provider	EMI		
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	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
<b>Generic QC v1.4</b> <a href="https://documents.egi.eu/document/240">https://documents.egi.eu/document/240</a>			Product webpage: <a href="http://www.eu-emi.eu/kebnekaise-products/-/asset_publisher/4BKc/content/l%26b?redirect=http%3A%2F%2Fwww.eu-emi.eu%2Fkebnekaise-products%3Fp_p_id%3D101_INSTANCE_4BKc%26p_p_lifecycle%3D0%26p_p_state%3Dnormal%26p_p_mode%3Dview%26p_p_col_id%3Dcolumn-2%26p_p_col_pos%3D1%26p_p_col_count%3D2">http://www.eu-emi.eu/kebnekaise-products/-/asset_publisher/4BKc/content/l%26b?redirect=http%3A%2F%2Fwww.eu-emi.eu%2Fkebnekaise-products%3Fp_p_id%3D101_INSTANCE_4BKc%26p_p_lifecycle%3D0%26p_p_state%3Dnormal%26p_p_mode%3Dview%26p_p_col_id%3Dcolumn-2%26p_p_col_pos%3D1%26p_p_col_count%3D2</a>
<b>1. Documentation</b>			
1.1 Functional description	Y	VLD	<a href="http://web.infn.it/gLiteWMS/index.php/techdoc/howtosandguides/57-archoverview">http://web.infn.it/gLiteWMS/index.php/techdoc/howtosandguides/57-archoverview</a>
1.2 Release Notes	Y	VLD	In the ticket itself: <a href="https://rt.egi.eu/rt/Ticket/Display.html?id=2221">https://rt.egi.eu/rt/Ticket/Display.html?id=2221</a> and product webpage
1.3 User Documentation	Y	VLD	<a href="https://edms.cern.ch/document/674643">https://edms.cern.ch/document/674643</a>
1.4 Man pages (online help)	NA	VLD	Server product, does not provide cli. Just man pages in the related installed packages: glite-yaim-wms-4.1.1-3.sl5, glite-px-proxyrenewal-1.3.19-1.sl5, condor-7.4.2-1, globus-proxy-utils-3.9-3.el5, glite-lb-server-2.2.7-1.sl5, log4cpp-1.0-9.el5
<b>1.5 API documentation</b>	<b>N</b>	<b>VLD</b>	Missing documentation for the api packages: glite-jobid-api-c-2.0.2-5.sl5.x86_64 glite-jobid-api-java-1.1.3-5.sl5.noarch glite-service-discovery-api-c-2.2.3-1.sl5.x86_64 glite-ce-cream-client-api-c-1.13.2-3.sl5.x86_64 glite-ce-monitor-client-api-c-1.13.1-4.sl5.x86_64 glite-jobid-api-cpp-1.1.2-6.sl5.x86_64 glite-jdl-api-cpp-3.2.5-3.sl5.x86_64
<b>1.6 Administrator documentation</b>	<b>N</b>	<b>VLD</b>	There is referenced an old guide (2010-03-05) and configuration file, but it is not enough. There is a generic emi guide (not referenced in the ticket) that has to be pointed. Also there is missing a guide on how to configure it (yaim)
1.7 Service Reference Card	Y	VLD	<a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WMSServiceRefCard">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WMSServiceRefCard</a>
<b>2. Software releases</b>			
2.1 License	Y	VLD	<b>Wms packages distributed with ApacheLicense</b> rest of required or third party packages include: License: MIT ( libtar, required by wmpoxy) License:IGTFFederation License:ApacheSoftware

			License:OpenLDAP License:ASL2.0 License:GPLor
2.2 Source code availability	Y	VLD	Source rpms and tar files available from the Product webpage
2.3 Build procedures	N	VLD	Not available. Not mandatory
2.4 Automatic builds	Y	VLD	Built with Etics
2.5 Binary distributions	Y	VLD	Available from the Product webpage
2.6 New functionalities/bugs	N	VLD	Although most of the bugs are verified as can be seen in the bug reports, there is no component testsuite includes the tests for the bug fixed in the release (as specified in the release notes)
<b>4. Service Management, Monitoring, Traceability</b>			
4.1 Service control and status	Y	VLD	
4.2 Traceability (log files)	Y	VLD	
4.3 Service monitoring	Y	TP	Existing tests, but not check in validation
<b>5. Security</b>			
5.1 World writeable files	Y	VLD	Everything correct. Tested with: rpm -qa   grep glite   xargs rpm -ql   xargs --replace=filex find -L filex -perm -g=w
<b>Operations QC (v1.5)</b> <a href="https://documents.egi.eu/document/240">https://documents.egi.eu/document/240</a>	NA		
<b>Nagios</b>	NA		
<b>6. Configuration</b>			
6.1 NCG Nagios configuration	NA		
6.2 NCG redundant configuration	NA		
<b>7. Visualization Portal</b>			
7.1 Resource Summary View	NA		
7.2 Resource Detail View	NA		
7.3 Resource Historical View	NA		
7.4 Resource Filters	NA		
7.5 Responsiveness	NA		
7.6 Linkable Views	NA		
<b>8. Database</b>			
8.1 Metrics fetch	NA		
8.2 Resource list	NA		
<b>9. Probes</b>			
9.1 Probe template	NA		

9.2 Certificate Lifetime Probe	NA		
9.3 Information Service	NA		
9.4 CE Job Submission	NA		
9.5 CREAM job Submission	NA		
9.6 WN status	NA		
9.7 WMS job scheduling	Y	VLD	Existing probe in nagios
9.8 File access capability	NA		
9.9 LFC monitoring	NA		
<b>Accounting</b>	NA		
<b>10. APEL</b>	NA		
10.1 CE accounting reports	NA		
10.2 Job scheduling accounting	NA		
10.3 Accounting db schema	NA		
10.4 Acct messaging system	NA		
10.5 Acct local registry cron	NA		
10.6 Messaging system cron	NA		
<b>11. Accounting Portal</b>	NA		
11.1 Front-end and general views	NA		
11.2 Encrypted access X.509	NA		
11.3 Custom views	NA		
11.4 VO managers view	NA		
11.5 VO member view	NA		
11.6 Site Admin view	NA		
<b>Compute QC (v1.2)</b> <a href="https://documents.egi.eu/document/240">https://documents.egi.eu/document/240</a>	NA		
<b>12. CREAM interface</b>	NA		
12.1 CREAM tests and logs	NA		
12.2 CREAM Job submission	NA		
12.3 CREAM Job Sub with I/O files	NA		
12.4 CREAM Job cancellation	NA		
<b>13. ARC interface</b>	NA		
13.1 ARC tests and logs	NA		
13.2 ARC Job submission	NA		
13.3 ARC Job Sub with I/O files	NA		
13.4 ARC Job cancellation	NA		
<b>14. BES interface</b>	NA		
14.1 BES tests and logs	NA		
14.2 BES Job submission	NA		
14.3 BES Job Sub with I/O files	NA		

14.4 BES Job cancellation	NA		
<b>15. DRMAA interface</b>	NA		
15.1 DRMAA tests and logs	NA		
<b>16. Execution Manager Support</b>	NA		
16.1 Job exec. Capability modifications	NA		
16.2 Job submission to batch system	NA		
16.3 Job status from execution manager	NA		
<b>17. Availability/Scalability</b>	NA		
17.1 Job exec. Capability under realistic conditions	NA		
17.2 Job exec. Capability access to local batch system	NA		
17.3 High load detection	NA		
<b>18. Parallel Job</b>	NA		
18.1 Parallel job submission	NA		
18.2 Parallel job submission with fine grained specification	NA		
18.3 ARC-CE parallel job submission	NA		
18.4 BES parallel job submission	NA		
18.5 BES parallel job submission with fine grained specification	NA		
<b>19. MPI support</b>	NA		
19.1 Job submission precompiled MPI	NA		
19.2 Job submission MPI compiled at remote site	NA		
<b>20. OpenMP support</b>	NA		
20.1 Job submission precompiled OpenMP	NA		
20.2 Job submission OpenMP compiled at remote site	NA		
<b>21. Job Scheduling</b>			
21.1 DRMAA interface testing			
21.2 BES interface testing			
<b>22. WMS</b>			
22.1 WMPProxy interface testing	N	VLD	Testsuite and execution not found in provided documentation
22.2 JSDL language support	N	VLD	Not available. Not documented
22.3 Users credentials	N	VLD	Reported problems: <a href="https://savannah.cern.ch/bugs/?func=detailitem&amp;item">https://savannah.cern.ch/bugs/?func=detailitem&amp;item</a>

			<a href="#">_id=81370</a>
22.4 Simple job submission	Y	VLD	Correct. Also reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.5 Simple job submission with I/O	Y	TP	Reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.6 Job cancellation test	Y	TP	Reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.7 Parallel job submission	Y	TP	Reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.8 List match jobs	Y	VLD	Correct. Also reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.9 Parametric job submission	Y	TP	Reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.10 Job collection submission	Y	TP	Reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.11 DAG submission	Y	TP	Partially working. From the Release Notes: DAGs are not supported for submission to CREAM.
22.12 Resubmission mechanism	Y	TP	Reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.13 JDLs without size restrictions	Y	TP	Reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.15 Jobs monitoring	NA		?
22.16 Ping response	N	VLD	Test not provided or not documented
22.17 Error messages	N	VLD	Not Provided. Not Mandatory in this release
22.18 System information	N	VLD	Test not provided or not documented
22.19 Service availability	Y	TP	Reported to work in: <a href="https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568">https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WmsTestsTask18568</a>
22.20 High load detection	Y	TP	Reported to work in the guides
<b>Information QC (v1.3)</b> <a href="https://documents.egi.eu/document/240">https://documents.egi.eu/document/240</a>	NA		
<b>Information Model</b>	NA		
<b>27. Information Model Schema</b>	NA		
27.1 GlueSchema v1.3 conformance	NA		
27.2 GlueSchema v2 conformance	NA		
<b>Information Discovery</b>	NA		
<b>28. Information Disc. Interface</b>	NA		

28.1 GlueSchema v3 information	NA		
28.2 Information filtering	NA		
28.3 Aggregation features	NA		
<b>29. Availability / Scalability</b>			
29.1 Handle big amounts of data	NA		
29.2 Maximum throughput	NA		
29.3 Maximum throughput	NA		
<b>UMD Security QC (v1.3)</b> <a href="https://documents.egi.eu/document/240">https://documents.egi.eu/document/240</a>			
<b>Authentication</b>			
<b>30. Authentication Interface</b>			
30.1 X.509 proxy support	Y	VLD	
30.2 SAML 2.0 support	N	VLD	Testsuite not provided. Not know to support SAML 2.0, but not mandatory
<b>31. Delegation Model</b>			
31.1 GridSite delegation interface	Y	VLD	Partial support. Still needed vom server certificates instead of just .isc files. See: <a href="https://ggus.org/tech/ticket_show.php?ticket=71190">https://ggus.org/tech/ticket_show.php?ticket=71190</a> <a href="https://savannah.cern.ch/bugs/?82023">https://savannah.cern.ch/bugs/?82023</a>
31.2 Globus delegation interface	N	VLD	Not implemented or documented
<b>32. CAs certificates</b>	NA		
32.1 Checksum of root certificates	NA		
32.2 Data validity test	NA		
32.3 Valid CRLs	NA		
<b>Attribute Authority</b>	NA		
<b>33. Attribute Interface</b>	NA		
33.1 Proxies creation with VO related information	NA		
33.2 Get info from valid proxy	NA		
33.3 Test proxy destroy	NA		
<b>34. VO management</b>	NA		
34.1 VO creation by service administrator	NA		
34.2 VO administrators assigned by service admin	NA		
34.3 Creation of roles,groups and attributes assigned by authorized users	NA		
34.4 Adding/removing users to the VO	NA		
34.5 Test changing ACLs of users of the VO	NA		
<b>35. VO management</b>	NA		

<b>WEB interface</b>			
35.1 Provide a page with the list of VOs in the server	NA		
35.2 Request membership from WEB page	NA		
35.3 WEB page listing pending membership requests.	NA		
35.4 WEB page for groups,roles and attributes management	NA		
35.5 Browse VO members,groups, roles and attributes	NA		
<b>Authorisation</b>	NA		
<b>36. Policy management</b>			
36.1 Policies list stored in the service	NA		
36.2 Management of Policies Repositories	NA		
36.3 Management of Policies Repositories	NA		
36.4 Users or FQANs banning	Y	VLD	Able to ban user per DN
36.5 Admins able to manage the policies	NA		
36.6 Admins able to manage banning policies	NA		
36.7 Policy definitions for different DNs and FQANs	NA		
<b>37. Policy Decision</b>	NA		
37.1 Testsuit of the complete API for accessing DPD from clients	NA		
<b>38. Policy Enforcement</b>			
38.1 Testsuit for the policy enforcement	NA		
38.2 Mapping of users to local accounts	Y	VLD	Issues: <a href="https://ggus.org/tech/ticket_show.php?ticket=71168">https://ggus.org/tech/ticket_show.php?ticket=71168</a>
<b>Credential Management</b>	NA		
<b>39. Credential Management Interface</b>	NA		
39.1 Interface for storing users credentials	NA		
39.2 Interface for retrieving users credentials	NA		
39.3 Interface for renewing users credentials	NA		
<b>40. Institutional</b>	NA		

<b>Authentication</b>			
40.1 Users able to access grid resources	NA		
<b>UMD Storage QC (v1.2)</b> <a href="https://documents.egi.eu/document/240">https://documents.egi.eu/document/240</a>			
<b>File Encryption / Decryption</b>			
<b>41. Key management</b>	NA		
41.1 Allow registering and unregistering keys	NA		
41.2 Split and joining passwords and keys	NA		
41.3 ACLs for a file/key management	NA		
41.4 Files encryption and decryption	NA		
41.5 Files encryption and decryption into grid storage	NA		
<b>File access</b>	NA		
<b>42. File access interface</b>	NA		
42.1 POSIX file access	NA		
<b>File transfer</b>			
<b>43. File transfer interface</b>	NA		
43.1 Provide gridFTP access for reading data	NA		
43.2 Provide HTTP(s) access for reading data	NA		
43.3 Provide WebDAV access for reading data	NA		
<b>File transfer scheduling</b>	NA		
<b>44. File transfer channel management</b>	NA		
44.1 FTS allow admins to add,drop and list channels for file transfers	NA		
44.2 FTS manage control operations	NA		
44.3 FTS file managent by users	NA		
<b>Storage management</b>	NA		
<b>45. SRM interface</b>	NA		
45.1 Testsuit for SRM2.2 specification	NA		
45.2 SRM protocol used by Storage management appliances	NA		



<b>46. Storage device support</b>	NA		
46.1 Storage management appliance able to fetch information	NA		
<b>47. Service availability</b>	NA		
47.1 Clear error messages	NA		