

Name of the component	WMS		
Release	emi.wms.sl5.x86_64-3.3.1-1	RT-Ticket-Id:	2634
Software Provider	EMI		
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	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
Generic QC v1.4 https://documents.egi.eu/document/240			Product webpage:
1. Documentation			
1.1 Functional description	Y	VLD	http://web.infn.it/gLiteWMS/index.php/techdoc/howtosandguides/57-archoverview
1.2 Release Notes	Y	VLD	In the ticket itself: https://rt.egi.eu/rt/Ticket/Display.html?id=2634 and http://www.eu-emi.eu/emi-1-kebnekaise-updates/-/asset_publisher/1r6q/content/emi-1-kebnekaise-update-4-21-07-2011?redirect=http%3A%2F%2Fwww.eu-emi.eu%2Femi-1-kebnekaise-updates%3Fp_p_id%3D101_INSTANCE_1r6q%26p_p_lifecycle%3D0%26p_p_state%3Dnormal%26p_p_mode%3Dview%26p_p_col_id%3Dcolumn-2%26p_p_col_count%3D1#WMS_v_3_3_1_1_task_21572_Emergen
1.3 User Documentation	Y	VLD	http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy-guide.pdf
1.4 Man pages (online help)	NA		
1.5 API documentation	N	VLD	Missing documentation for the api packages
1.6 Administrator documentation	N	VLD	https://twiki.cnaf.infn.it/cgi-bin/twiki/view/EgeeJra1It/WMS_guide is outdated
1.7 Service Reference Card	Y	VLD	https://twiki.cnaf.infn.it/twiki/bin/view/EgeeJra1It/WMSServiceRefCard
2. Software releases			
2.1 License	Y	VLD	Wms packages distributed with ApacheLicense rest of required or third party packages include: License: MIT (libtar, required by wmproxy) 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	Y	VLD	Specific bug fix https://savannah.cern.ch/bugs/index.php?84155 Has to be tested in staged rollout
4. Service Management, Monitoring, Traceability			
4.1 Service control and status			
4.2 Traceability (log files)			
4.3 Service monitoring			
5. Security			
5.1 World writeable files			
Operations QC (v1.5) https://documents.egi.eu/document/240			
Nagios			
6. Configuration			
6.1 NCG Nagios configuration			
6.2 NCG redundant configuration			
7. Visualization Portal			
7.1 Resource Summary View			
7.2 Resource Detail View			
7.3 Resource Historical View			
7.4 Resource Filters			
7.5 Responsiveness			
7.6 Linkable Views			
8. Database			
8.1 Metrics fetch			
8.2 Resource list			
9. Probes			
9.1 Probe template			
9.2 Certificate Lifetime Probe			
9.3 Information Service			
9.4 CE Job Submission			
9.5 CREAM job Submission			
9.6 WN status			
9.7 WMS job scheduling			
9.8 File access capability			
9.9 LFC monitoring			
Accounting			
10. APEL			
10.1 CE accounting reports			

10.2 Job scheduling accounting			
10.3 Accounting db schema			
10.4 Acct messaging system			
10.5 Acct local registry cron			
10.6 Messaging system cron			
11. Accounting Portal			
11.1 Front-end and general views			
11.2 Encrypted access X.509			
11.3 Custom views			
11.4 VO managers view			
11.5 VO member view			
11.6 Site Admin view			
Compute QC (v1.2) https://documents.egi.edu/document/240			
12. CREAM interface			
12.1 CREAM tests and logs			
12.2 CREAM Job submission			
12.3 CREAM Job Sub with I/O files			
12.4 CREAM Job cancellation			
13. ARC interface			
13.1 ARC tests and logs			
13.2 ARC Job submission			
13.3 ARC Job Sub with I/O files			
13.4 ARC Job cancellation			
14. BES interface			
14.1 BES tests and logs			
14.2 BES Job submission			
14.3 BES Job Sub with I/O files			
14.4 BES Job cancellation			
15. DRMAA interface			
15.1 DRMAA tests and logs			
16. Execution Manager Support			
16.1 Job exec. Capability modifications			
16.2 Job submission to batch system			
16.3 Job status from execution manager			

17.			
Availability/Scalability			
17.1 Job exec. Capability under realistic conditions			
17.2 Job exec. Capability access to local batch system			
17.3 High load detection			
18. Parallel Job			
18.1 Parallel job submission			
18.2 Parallel job submission with fine grained specification			
18.3 ARC-CE parallel job submission			
18.4 BES parallel job submission			
18.5 BES parallel job submission with fine grained specification			
19. MPI support			
19.1 Job submission precompiled MPI			
19.2 Job submission MPI compiled at remote site			
20. OpenMP support			
20.1 Job submission precompiled OpenMP			
20.2 Job submission OpenMP compiled at remote site			
21. Job Scheduling			
21.1 DRMAA interface testing			
21.2 BES interface testing			
22. WMS			
22.1 WMProxy interface testing			
22.2 JSDL language support			
22.3 Users credentials			
22.4 Simple job submission			
22.5 Simple job submission with I/O			
22.6 Job cancellation test			
22.7 Parallel job submission			
22.8 List match jobs			
22.9 Parametric job submission			
22.10 Job collection submission			
22.11 DAG submission			
22.12 Resubmission			

mechanism			
22.13 JDLs without size restrictions			
22.15 Jobs monitoring			
22.16 Ping response			
22.17 Error messages			
22.18 System information			
22.19 Service availability			
22.20 High load detection			
Information QC (v1.3) https://documents.egi.eu/document/240			
Information Model			
27. Information Model Schema			
27.1 GlueSchema v1.3 conformance			
27.2 GlueSchema v2 conformance			
Information Discovery			
28. Information Disc. Interface			
28.1 GlueSchema v3 information			
28.2 Information filtering			
28.3 Aggregation features			
29. Availability / Scalability			
29.1 Handle big amounts of data			
29.2 Maximum throughput			
29.3 Maximum throughput			
UMD Security QC (v1.3) https://documents.egi.eu/document/240			
Authentication			
30. Authentication Interface			
30.1 X.509 proxy support			
30.2 SAML 2.0 support			
31. Delegation Model			
31.1 GridSite delegation interface			
31.2 Globus delegation interface			
32. CAs certificates			
32.1 Checksum of root certificates			
32.2 Data validity test			
32.3 Valid CRLs			
Attribute Authority			

33. Attribute Interface			
33.1 Proxies creation with VO related information			
33.2 Get info from valid proxy			
33.3 Test proxy destroy			
34. VO management			
34.1 VO creation by service administrator			
34.2 VO administrators assigned by service admin			
34.3 Creation of roles,groups and attributes assigned by authorized users			
34.4 Adding/removing users to the VO			
34.5 Test changing ACLs of users of the VO			
35. VO management WEB interface			
35.1 Provide a page with the list of VOs in the server			
35.2 Request membership from WEB page			
35.3 WEB page listing pending membership requests.			
35.4 WEB page for groups,roles and attributes management			
35.5 Browse VO members,groups, roles and attributes			
Authorisation			
36. Policy management			
36.1 Policies list stored in the service			
36.2 Management of Policies Repositories			
36.3 Management of Policies Repositories			
36.4 Users or FQANs banning			
36.5 Admins able to manage the policies			
36.6 Admins able to manage banning policies			
36.7 Policy definitions for different DNs and FQANs			
37. Policy Decision			
37.1 Testsuit of the complete API for accessing			

DPD from clients			
38. Policy Enforcement			
38.1 Testsuit for the policy enforcement			
38.2 Mapping of users to local accounts			
Credential Management			
39. Credential Management Interface			
39.1 Interface for storing users credentials			
39.2 Interface for retrieving users credentials			
39.3 Interface for renewing users credentials			
40. Institutional Authentication			
40.1 Users able to access grid resources			
UMD Storage QC (v1.2) https://documents.egi.eu/document/240			
File Encryption / Decryption			
41. Key management			
41.1 Allow registering and unregistering keys			
41.2 Split and joining passwords and keys			
41.3 ACLs for a file/key management			
41.4 Files encryption and decryption			
41.5 Files encryption and decryption into grid storage			
File access			
42. File access interface			
42.1 POSIX file access			
File transfer			
43. File transfer interface			
43.1 Provide gridFTP access for reading data			
43.2 Provide HTTP(s) access for reading data			

43.3 Provide WebDAV access for reading data			
File transfer scheduling			
44. File transfer channel management			
44.1 FTS allow admins to add,drop and list channels for file transfers			
44.2 FTS manage control operations			
44.3 FTS file managment by users			
Storage management			
45. SRM interface			
45.1 Testsuit for SRM2.2 specification			
45.2 SRM protocol used by Storage management appliances			
46. Storage device support			
46.1 Storage management appliance able to fetch information			
47. Service availability			
47.1 Clear error messages			