

Quality Criteria Verification
Executive Summary
For QCV, Stage Rollout, DMSU and EGI internal

Name of the component	EMI.wms.sl5.x86_64_3.3.5		
Release	03/03/04	RT Ticket	3692
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	Cristina Aiftimei	cristina.aiftimei@pd.infn.it	
Validator	Name:	E-Mail	
	Pablo Briongos	pablo.briongos@ific.uv.es	
V. Hours Worked	VERIFIED		
Component status	40h	Date	9 th May, 2012
Verification start date	30 th April, 2012	Verification end date	9 th May, 2012

Summary:

EMI.wms.sl5.x86_64-3.3.5 was successfully installed from UMD repository. We had a problem during configuration. We use Scientific Linux 5.8 release and when we configure we get errors like this:

DEBUG: Executing... The default uid for edguser etc are already taken on our system ("roupadd -g 156 infosys, ERROR: Group infosys with gid '156' failed to be created")

So we have to edit `/opt/glite/yaim/examples/edgusers.conf` and change the ID's to each user and group that give the errors. It seems that the Scientific Linux 5.8 use some ID's that edgusers.conf want to configure. There's a GGUS ticket opened.

As the component is a minor release, we checked only the QC affected by update changes (2 bugs) and the results were fine.

GGUS Tickets:

GGUS ticket-ID: 81750:

https://ggus.eu/tech/ticket_show.php?ticket=81750

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	0	0	18	18
	Specific Quality Criteria			
TP				
VLD	2	0	31	33

Quality Criteria verification cheatsheet:

Generic QC

GENERIC_DOC_1 (Functional Description)	NA		Minor release, this QC was already verified.
GENERIC_DOC_2 (Release Notes)	NA		Minor release, this QC was already verified.
GENERIC_DOC_5 (API Documentation)	NA		Minor release, this QC was already verified.
GENERIC_DOC_6 (Administrator Documentation)	NA		Minor release, this QC was already verified.
GENERIC_DOC_7 (Service Reference Card)	NA		Minor release, this QC was already verified.
GENERIC_DOC_8 (Software License)	NA		Minor release, this QC was already verified.
GENERIC_DOC_9 (Release changes testing)	NA		Minor release, this QC was already verified.
GENERIC_DIST_1 (Source Code Availability)	NA		Minor release, this QC was already verified.
GENERIC_DIST_2 (Source Distribution)	NA		Minor release, this QC was already verified.
GENERIC_DIST_3 (Binary Distribution)	NA		Minor release, this QC was already verified.
GENERIC_SERVICE_1 (Service control and status)	NA		Minor release, this QC was already verified.
GENERIC_SERVICE_2 (Log Files)	NA		Minor release, this QC was already verified.
GENERIC_SERVICE_3 (Service Reliability)	NA		Minor release, this QC was already verified.
GENERIC_SERVICE_4 (Service Robustness)	NA		Minor release, this QC was already verified.
GENERIC_SERVICE_4 (Automatic Configuration)	NA		Minor release, this QC was already verified.
GENERIC_SEC_1 (World Writable Files)	NA		Minor release, this QC was already verified.
GENERIC_SEC_2 (Directory Traversal Attacks testing)	NA		Minor release, this QC was already verified.
GENERIC_MISC_2 (Bug Tracking System)	NA		Minor release, this QC was already verified.

Security Capabilities QC

AUTHN_IFACE_1 (X.509 Certificate support)	NA		Minor release, this QC was already verified.
AUTHN_IFACE_2 (SAML authentication)	NA		Minor release, this QC was already verified.
AUTHN_DELEG_1 (Delegation Interface)	NA		Minor release, this QC was already verified.
AUTHZ_PCYDEF_3 (Ban UserFQAN)	NA		Minor release, this QC was already verified.
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	bug #87261: WMproxy GACLs do not support wildcards, tested and fix certified. View executive summary
AUTHZ_PEP_1 (Policy Enforcement)	NA		Minor release, this QC was already verified.
AUTHZ_PEP_2 (User Mapping)	NA		Minor release, this QC was already verified.

Information Capabilities QC

CREDMGMT_LINK_1 (Institutional Authentication Linking)	NA		Minor release, this QC was already verified.
INFOMODEL_SCHEMA_1 (GlueSchema Support)	NA		Minor release, this QC was already verified.
INFODISC_IFACE_1 (Information Discovery Interface)	NA		Minor release, this QC was already verified.

Compute Capabilities QC

MSG_IFACE_1 (Messaging Interface)	NA		Minor release, this QC was already verified.
JOBSCH_IFACE_1 (Job Scheduling Interface)	Y	VLD	bug #91875: EMI WMS doesn't use grid_monitor, tested and fix certified. View executive summary.
JOBSCH_EXEC_1 (Remote Job Management)	NA		Minor release, this QC was already verified.
JOBSCH_EXEC_2 (Remote Resource Information)	NA		Minor release, this QC was already verified.
JOBSCH_JOB_1 (Simple Job)	NA		Minor release, this QC was already verified.
JOBSCH_JOB_2 (Simple Job with input/output files)	NA		Minor release, this QC was already verified.
JOBSCH_JOB_3 (Cancel Job)	NA		Minor release, this QC was already verified.
JOBSCH_JOB_4 (Parallel Job)	NA		Minor release, this QC was already verified.
JOBSCH_JOB_5 (Job List Match)	NA		Minor release, this QC was already verified.
JOBSCH_JOB_6 (Parametric Job Submission)	NA		Minor release, this QC was already verified.
JOBSCH_JOB_7 (Job Collection Submission)	NA		Minor release, this QC was already verified.
JOBSCH_JOB_8 (DAG Submission)	NA		Minor release, this QC was already verified.
JOBSCH_WMS_1 (Proxy Renewal)	NA		Minor release, this QC was already verified.
JOBSCH_WMS_2 (Job Resubmission)	NA		Minor release, this QC was already verified.
JOBSCH_WMS_3 (JDL Acceptance Limits)	NA		Minor release, this QC was already verified.
JOBSCH_WMS_SEC_1 (Security Advisory 1502)	NA		Minor release, this QC was already verified.
JOBSCH_SERVICE_1 (Error Messages)	NA		Minor release, this QC was already verified.
JOBSCH_SERVICE_2 (Service Information)	NA		Minor release, this QC was already verified.
JOBSCH_SERVICE_3 (Self Disabling Mechanism)	NA		Minor release, this QC was already verified.
JOBSCH_SERVICE_4 (Job Submission Peaks)	NA		Minor release, this QC was already verified.
JOBSCH_SERVICE_5 (Timely Job Status Updates)	NA		Minor release, this QC was already verified.

Operations Capabilities QC

MON_PROBE_GENERIC_2 (Service Probe)	NA		Minor release, this QC was already verified.
MON_PROBE_JOBSCH_1 (WMS Probes)	NA		Minor release, this QC was already verified.
ACC_JOBSCH_1 (Job Scheduling Appliances Accounting)	NA		Minor release, this QC was already verified.

Validator comments:

Extra information and logging about the tested fixes for the bugs solved in this minor release:

-bug #87261: WMproxy GACLs do not support wildcards (as they used to do): the WMproxy GACL file should accept wildcards, in the FQAN tag only.

VO: ific, FQAN: /ific/Role=NULL/Capability=NULL
wmproxy.log says (debug):

08 May, 14:38:22 -D- PID: 10590 - "GaclManager::loadCredential": GACL FQAN fqan:/ific/Role=NULL/Capability=NULL was matched to /ific/Role=NULL/Capability=NULL

Tests:

GACL: [...] /ific/ific/R* [...]
access granted

[...] /ific/ific/r* [...]
access denied

[...] /ifi* [...]
access granted

[...] /ific/ific/* [...]
access granted

So the fix solves the bug as expected.

-bug #91875: EMI WMS doesn't use grid_monitor: submit a job to a GRAM CE and check that the script /opt/lcg/sbin/grid_monitor.sh (linked by /usr/sbin/grid_monitor.sh) is accessed in read.

[root@cg08 wms]# date

mar may 8 14:49:36 CEST 2012

-bash-3.2\$ glite-wms-job-submit -d \$USER hello_world.jdl

Connecting to the service https://cg08.ific.uv.es:7443/glite_wms_wmproxy_server

===== glite-wms-job-submit Success
=====

The job has been successfully submitted to the WMPProxy

Your job identifier is:

<https://cg07.ific.uv.es:9000/W2yAChU2BmDNWE3S3PQapw>

=====

```
[root@cg08 wms]# ll -u `locate grid_mon`
```

```
-rwxr-xr-x 1 root root 42728 ene 16 17:26 /opt/condor-  
7.4.2/libexec/glite/grid_monitor.sh
```

```
-rwxr-xr-x 1 root root 38151 ene 16 17:26 /opt/condor-7.4.2/sbin/grid_monitor.sh
```

```
-rwxr-xr-x 1 root root 41918 may 8 14:43 /opt/lcg/sbin/grid_monitor.sh
```

```
lrwxrwxrwx 1 root root 29 may 8 14:54 /usr/sbin/grid_monitor.sh ->  
/opt/lcg/sbin/grid_monitor.sh
```

So /opt/lcg/sbin/grid_monitor.sh has been accessed

Not applicable Quality Criteria

Specific Functional Tests to be repeated in SR:

Test number	Description	Motivation

Specific Non-functional tests (Scalability, etc...) to be repeated in SR:

Test number	Description	Motivation

Comments for UMD QC definition (TSA2.2):

Comments for SR (TSA1.3):

Comments for DMSU (TSA2.5):

Comments for TP: