

# Quality Criteria Verification Report

<b>Product</b>	<i>EMI-3 WMS (sl6.x86_64)</i>	<b>Release</b>	<i>3.6.5</i>
<b>Software Provider</b>	<i>EMI (EMI-3 Update 17)</i>	<b>RT Ticket</b>	<i>#7176</i>
<b>Provider contact</b>	<i>Cristina Aiftimei &lt;crisrina.aiftimei@pd.infn.it &gt;</i>		
<b>Verifier</b>	<i>Pablo Briongos Rabadán &lt;pablo.briongos@ific.uv.es&gt;</i>		
<b>Hours worked</b>	<i>7 hours</i>	<b>Date</b>	<i>23/06/2014</i>
<b>Status</b>	<b>Accepted</b>		

## Summary

\*EMI-3 WMS 3.6.5 SL6 was successfully upgraded from a previous EMI-3 WMS 3.6.4 version, in a clean Scientific Linux 6.5 (carbon) node, collocated with LB 4.1.1 SL6 release for EMI-3.

\*This release is a revision one, so bugfixes which could be locally tested were checked successfully.

\*The product is **accepted**.

## Related tickets

*No tickets*

## Documentation Criteria

<b>Document</b>	<b>Link</b>
Release notes	<a href="http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-17-11-06-2014-v-3-8-0-1#WMS_server_v_3_6_5">http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-17-11-06-2014-v-3-8-0-1#WMS_server_v_3_6_5</a>
User Documentation	<a href="http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy-guide.pdf">http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy-guide.pdf</a>
API Documentation	<a href="https://web2.infn.it/gLiteWMS/wmproxy-api/egee-jra1-wm/glite-wmproxy-api-index.shtml">https://web2.infn.it/gLiteWMS/wmproxy-api/egee-jra1-wm/glite-wmproxy-api-index.shtml</a>
Admin Documentation	<a href="http://wiki.italiangrid.it/twiki/bin/view/WMS/WMSSystemAdministratorGuide">http://wiki.italiangrid.it/twiki/bin/view/WMS/WMSSystemAdministratorGuide</a>
Software License	<a href="http://web2.infn.it/gLiteWMS/index.php/license">http://web2.infn.it/gLiteWMS/index.php/license</a>

## Generic Criteria

<b>Criteria</b>	<b>Status<sup>1</sup></b>	<b>Additional Comments</b>
Binary Distribution	<b>OK</b>	Available in product page. There are some glite files created in /opt location; this is discouraged
Upgrade	<b>OK</b>	

<sup>1</sup>**OK**, **WARN**, **FAIL**, NA (Not Applicable) or NT (Not Tested)

X.509 Certificate support	<b>OK</b>	
SHA-2 Certificates Support	<b>OK</b>	
RFC Proxy support	<b>OK</b>	
ARGUS Integration	<b>OK</b>	
World Writable Files	<b>OK</b>	
Passwords in world readable files	<b>OK</b>	
GlueSchema 1.3 Support	<b>OK</b>	glue-validator -H cg08.ific.uv.es -p 2170 -b o=grid -g glue1 -s general -v 3
GlueSchema 2.0 Support	<b>OK</b>	glue-validator -H cg08.ific.uv.es -p 2170 -b o=glue -g glue2 -s general -v 3
Middleware Version Information	<b>OK</b>	ldapsearch -x -h cg08.ific.uv.es -p 2170 -b GLUE2GroupID=resource,o=glue objectclass=GLUE2Endpoint
Service Probes	<b>OK</b>	
Accounting Records	<b>NA</b>	
Bug Tracking System	<b>OK</b>	

## Specific QC

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### Basic Functionality Test

The product works as expected and the basic functionality is correct in the evaluated areas. Getting proxy, delegating, submitting, getting output and status, tested successfully.

### New Features/Fixed Bugs

Here is some extra information about the three bugfixes included in this release:

**\*[WMS-119] - glite\_wms\_wmproxy\_load\_monitor does not check ICE jobdir  
FIXED**

We reproduce the bugfix stopping ICE and submitting five jobs. We get this:

```
[root@cg08 ~]# glite_wms_wmproxy_load_monitor | grep ICE
Threshold for ICE Input JobDir jobs: 500 => Detected value for ICE Input JobDir jobs /var/ice/jobdir : 5

[root@cg08 ~]# ll /var/ice/jobdir/new/
total 20
-rw-r--r--. 1 glite glite 3518 jun 23 11:12 20140623T091220.886648_139662499604480_1858731501
-rw-r--r--. 1 glite glite 3520 jun 23 11:12 20140623T091221.696621_139662499604480_1350483506
-rw-r--r--. 1 glite glite 3504 jun 23 11:12 20140623T091223.766563_139662499604480_1859773786
-rw-r--r--. 1 glite glite 3518 jun 23 11:12 20140623T091224.706327_139662499604480_1666540555
-rw-r--r--. 1 glite glite 3504 jun 23 11:12 20140623T091227.416594_139662499604480_481849511
```

So the bug is fixed and we can see the jobs. Reported at:

<https://issues.infn.it/jira/browse/WMS-119>

## \*[WMS\_121] - glite-wms-job-info -p triggers a bug in the WMPProxy **FIXED**

We submit a job and get its info:

```
[briongos@cg02 ~]$ glite-wms-job-info -p https://cg08.ific.uv.es:9000/9NnmyufyHD1eqnGkxrmUOw
```

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

```
===== glite-wms-job-info Success =====  
  
Your proxy delegated to the endpoint https://cg08.ific.uv.es:7443/glite_wms_wmproxy_server  
for the job https://cg08.ific.uv.es:9000/9NnmyufyHD1eqnGkxrmUOw :  
Subject   : /DC=es/DC=irisgrid/O=ific/CN=Pablo.Briongos/CN=proxy/CN=proxy  
Issuer    : /DC=es/DC=irisgrid/O=ific/CN=Pablo.Briongos/CN=proxy  
Identity  : /DC=es/DC=irisgrid/O=ific/CN=Pablo.Briongos/CN=proxy  
Type      : proxy  
Strength  : 1024  
StartDate : 23 June 2014 - 11:19:35  
Expiration : 23 June 2014 - 22:57:35  
Timeleft  : 11 hours 32 min 42 sec  
==== VO ific extension information ====  
VO        : ific  
Subject   : /DC=es/DC=irisgrid/O=ific/CN=Pablo.Briongos  
Issuer    : /DC=es/DC=irisgrid/O=ific/CN=swevo.ific.uv.es  
URI       : swevo.ific.uv.es:14001  
Attribute : /ific/Role=NULL/Capability=NULL  
StartTime : 23 June 2014 - 10:57:42  
Expiration : 23 June 2014 - 22:57:42  
Timeleft  : 11 hours 32 min 49 sec
```

And now we go to the Job directory in the WMS and we see that the *user.proxy* is still a symlink.

```
[root@cg08 https_3a_2f_2fcg08.ific.uv.es_3a9000_2f9NnmyufyHD1eqnGkxrmUOw]# ll  
total 24  
drwxrwx---. 2 ifc033 glite 4096 jun 23 11:12 input  
-rw-r--r--. 1 glite glite 570 jun 23 11:12 JDLOriginal  
-rw-r--r--. 1 glite glite 2311 jun 23 11:12 JDLStarted  
drwxrwx---. 2 ifc033 glite 4096 jun 23 11:12 output  
drwxrwx---. 2 ifc033 glite 4096 jun 23 11:12 peek  
lrwxrwxrwx. 1 glite glite 64 jun 23 11:12 user.proxy -> /var/glite/spool/glite-renewd/2c4b51cf7e5aa36d6799be6504458a4e.0
```

So the bug is fixed. Reported at:

<https://issues.infn.it/jira/browse/WMS-121>

## \*[WMS\_120] - WMS optimization missing in my.cnf's configuration made by yaim **FIXED**

We check the *my.cnf* file:

```
[root@cg08 ~]# cat /etc/my.cnf  
[mysqld]  
innodb_flush_log_at_trx_commit=2  
innodb_buffer_pool_size=500M  
innodb_file_per_table  
default-storage-engine=InnoDB  
!includedir /etc/mysql/conf.d/
```

We can see that the the next lines are in the file after reconfiguration with YAIM, so the bug is fixed:

*innodb\_file\_per\_table*  
*default-storage-engine=InnoDB*

Reported at:

<https://issues.infn.it/jira/browse/WMS-120>

## **Additional Info**

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No additional info