

Quality Criteria Verification Report

Product	EMI.canl.sl6.sl5.x86_64-2.2.2	Release	2.2.2
Software Provider	EMI	RT Ticket	#6992 and #6993
Provider contact	Cristina Aiftimiei <cristina.aiftimiei@pd.infn.it>		
Verifier	Esteban Freire (esfreire@cesga.es)		
Hours worked	3h	Date	21/05/14
Status	Accepted		

Summary

No issues found during verification process.

Related tickets

None

Documentation Criteria

Document	
Release notes	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-16-12-05-2014-v-3-7-4-1#caNl_v_2_2_2
User Documentation	
API Documentation	http://unicore-dev.zam.kfa-juelich.de/documentation/canl-1.1.0/manual.html
Admin Documentation	http://unicore-dev.zam.kfa-juelich.de/documentation/canl-1.1.0/manual.html
Software License	

Generic Criteria

Criteria	Status ¹	Additional Comments
Binary Distribution	OK	
Upgrade	OK	
X.509 Certificate support	OK	
SHA-2 Certificates Support	OK	
RFC Proxy support	OK	
ARGUS Integration	NA	
World Writable Files	NT	Minor release
Passwords in world readable files	NT	Minor release

¹OK, WARN, FAIL, NA (Not Applicable) or NT (Not Tested)

GlueSchema 1.3 Support	OK	
GlueSchema 2.0 Support	OK	
Middleware Version Information	NT	Minor release
Service Probes	OK	
Accounting Records	NA	
Bug Tracking System	OK	

Specific QC

Basic Functionality Test

= Testing EMI.canl.sl6.x86_64-2.2.2 on SL5.SL6 =

I have to open the following GGUS ticket, https://ggus.eu/index.php?mode=ticket_info&ticket_id=105626, because I got the following issue during the installation in both SL5 and SL6:

```

{{{
Updating      : canl-java
57/124
In: target `/usr/share/java/canl.jar' is not a directory
Non-fatal POSTIN scriptlet failure in rpm package canl-java-1.3.2-1.el5.noarch
error: %trigger(glite-ce-common-java-1.16.1-2.el5.noarch) scriptlet failed, exit
status 1

```

```

}}}
```

== SL5 ==

```

* Repository used
{{{
[root@test22 yum.repos.d]# cat EMI.canl.sl5.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(6992,1514,1441)

```

```

[EMI.canl.sl5.x86_64]
name=EMI.canl.sl5.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/um-d-3.emi.canl.sl5.x86_64/2/2/2/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisofw.web.cern.ch/emisofw/dist/EMI/3/RPM-GPG-KEY-emi
}}}
```

```

* yum update on WMS service
```

```

{{{
```

```

=====
=====
```

Package Repository	Arch Size	Version
Installing:		
kernel	x86_64	2.6.18-371.8.1.el5
sl-security	22 M	
Updating:		
canl-c	x86_64	2.1.4-1.el5
EMI.canl.sl5.x86_64	70 k	
canl-java	noarch	1.3.2-1.el5
EMI.canl.sl5.x86_64	286 k	
condor-emi	x86_64	7.8.8-1
UMD-3-updates	4.8 M	
emi-version	x86_64	3.7.2-1.el5
UMD-3-updates	2.3 k	
glite-jdl-api-cpp	x86_64	3.4.3-1.el5
UMD-3-updates	1.0 M	
glite-px-proxyrenewal	x86_64	1.3.35-1.el5
UMD-3-updates	2.0 k	
glite-px-proxyrenewal-devel 1.el5	x86_64 UMD-3-updates	1.3.35- 5.8 k
glite-px-proxyrenewal-libs	x86_64	1.3.35-1.el5
UMD-3-updates	25 k	
glite-px-proxyrenewal-progs 1.el5	x86_64 UMD-3-updates	1.3.35- 44 k
glite-wms-ice	x86_64	3.5.3-1.sl5
UMD-3-updates	9.9 M	
glite-wms-interface	x86_64	3.6.2-1.sl5
UMD-3-updates	892 k	
glite-wms-purger	x86_64	3.5.1-1.sl5
UMD-3-updates	89 k	
globus-authz	x86_64	2.2-8.el5
UMD-3-updates	15 k	
globus-authz-callout-error	x86_64	2.2-8.el5
UMD-3-updates	12 k	
globus-callout	x86_64	2.4-2.el5
UMD-3-updates	20 k	
globus-common	x86_64	14.10-2.el5
UMD-3-updates	132 k	
globus-gridftp-server	x86_64	6.38-1.1.el5
UMD-3-updates	185 k	
globus-gridftp-server-control	x86_64	2.10-1.el5
UMD-3-updates	79 k	
globus-gridftp-server-progs	x86_64	6.38-1.1.el5
UMD-3-updates	49 k	

globus-gsi-callback	x86_64	4.6-2.el5
UMD-3-updates	43 k	
globus-gsi-cert-utils	x86_64	8.6-2.el5
UMD-3-updates	21 k	
globus-gsi-credential	x86_64	6.0-2.el5
UMD-3-updates	38 k	
globus-gsi-openssl-error	x86_64	2.1-10.el5
UMD-3-updates	17 k	
globus-gsi-proxy-core	x86_64	6.2-9.el5
UMD-3-updates	38 k	
globus-gsi-proxy-ssl	x86_64	4.1-10.el5
UMD-3-updates	18 k	
globus-gsi-sysconfig	x86_64	5.3-8.el5
UMD-3-updates	31 k	
globus-gssapi-error	x86_64	4.1-10.el5
UMD-3-updates	15 k	
globus-gssapi-gsi	x86_64	10.10-2.el5
UMD-3-updates	63 k	
globus-openssl-module	x86_64	3.3-2.el5
UMD-3-updates	15 k	
globus-proxy-utils	x86_64	5.2-1.el5
UMD-3-updates	46 k	
globus-xio	x86_64	3.6-2.el5
UMD-3-updates	180 k	
gnutls	i386	1.4.1-14.el5_10
sl-security	352 k	
gnutls	x86_64	1.4.1-14.el5_10
sl-security	366 k	
gridsite	x86_64	2.2.2-1.el5
UMD-3-updates	83 k	
gridsite-libs	x86_64	2.2.2-1.el5
UMD-3-updates	132 k	
httpd	x86_64	2.2.3-85.sl5
sl-security	1.3 M	
java-1.6.0-openjdk	x86_64	1:1.6.0.0-
5.1.13.3.el5_10	sl-security	43 M
java-1.6.0-openjdk-devel	x86_64	1:1.6.0.0-
5.1.13.3.el5_10	sl-security	15 M
jemalloc	x86_64	3.6.0-2.el5
epel	110 k	
lcmaps	x86_64	1.6.4-1.el5
UMD-3-updates	87 k	
lcmaps-plugins-basic	x86_64	1.6.3-1.el5
UMD-3-updates	51 k	
lcmaps-plugins-voms	x86_64	1.6.4-1.el5
UMD-3-updates	68 k	
lcmaps-without-gsi	x86_64	1.6.4-1.el5
UMD-3-updates	64 k	
libtiff	i386	3.8.2-19.el5_10
sl-security	311 k	

libtiff	x86_64	3.8.2-19.el5_10
sl-security	316 k	
mod_ssl	x86_64	1:2.2.3-85.sl5
sl-security	98 k	
myproxy-libs	x86_64	5.9-8.el5
epel	145 k	
net-snmp-libs	x86_64	1:5.3.2.2-
22.el5_10.1	sl-security	1.3 M
openldap	i386	2.3.43-27.el5_10
sl-security	298 k	
openldap	x86_64	2.3.43-27.el5_10
sl-security	306 k	
openldap-clients	x86_64	2.3.43-27.el5_10
sl-security	224 k	
openldap-servers	x86_64	2.3.43-
27.el5_10	sl-security	2.2 M
openldap-servers-overlays	x86_64	2.3.43-
27.el5_10	sl-security	202 k
postgresql-libs	x86_64	8.1.23-10.el5_10
sl-security	197 k	
sudo	x86_64	1.7.2p1-29.el5_10
sl-security	364 k	
tzdata	x86_64	2014b-1.el5
sl-security	774 k	
tzdata-java	x86_64	2014b-1.el5
sl-security	172 k	
xalan-j2	x86_64	2.7.0-6jpp.2
sl-security	4.5 M	
Removing:		
kernel	x86_64	2.6.18-348.4.1.el5
installed	99 M	
Installing for dependencies:		
globus-gass-transfer	x86_64	7.2-9.el5
UMD-3-updates	44 k	
globus-gram-client	x86_64	12.4-8.el5
UMD-3-updates	23 k	
globus-gram-protocol	x86_64	11.3-11.el5
UMD-3-updates	41 k	
globus-rsl	x86_64	9.1-9.el5
UMD-3-updates	30 k	

Transaction Summary

```

=====
=====
=====
=====

```

}}}

{{{

```
Updating      : canl-java
57/124
In: target `/usr/share/java/canl.jar' is not a directory
Non-fatal POSTIN scriptlet failure in rpm package canl-java-1.3.2-1.el5.noarch
error: %trigger(glite-ce-common-java-1.16.1-2.el5.noarch) scriptlet failed, exit status 1
```

```
}}}
```

```
* YAIM configuration Ok
```

```
{
/etC/init.d/gLite stop;/etC/init.d/gLite stop;/opt/glite/yaim/bin/yaim -c -s site-info.def -n
WMS -n LB
```

```
}}
```

```
* Testing ok, https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?
host=test06.egi.cesga.es and https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?
host=test22.egi.cesga.es
```

```
== SL6 ==
```

```
* Repository used
```

```
{
[root@test15 yum.repos.d]# cat EMI.canl.sl6.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(6993,1515,1442)
```

```
[EMI.canl.sl6.x86_64]
name=EMI.canl.sl6.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.emi.canl.sl6.x86_64/2/2/2/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisofT.web.cern.ch/emisofT/dist/EMI/3/RPM-GPG-KEY-emi
}}
```

```
* yum update on LFC service
```

```
{
```

```
=====
=====
=====
=====
```

Package	Arch	Size	Version
Repository			

```
=====
=====
```

```
=====  
Updating:  
canl-c                x86_64                2.1.4-1.el6  
EMI.canl.sl6.x86_64  64 k
```

Transaction Summary

```
}}}
```

* yum update on CreamCE service

```
{{{
```

```
=====  
Package                Arch      Size      Version  
Repository              Size  
=====
```

```
Updating:  
canl-c                x86_64                2.1.4-1.el6  
EMI.canl.sl6.x86_64  64 k  
canl-java              noarch                1.3.2-1.el6  
EMI.canl.sl6.x86_64  286 k
```

Transaction Summary

```
}}}
```

(!)

```
{{{
```

unning Transaction

Updating : canl-java-1.3.2-1.el6.noarch

1/4

Non-fatal <unknown> scriptlet failure in rpm package canl-java-1.3.2-1.el6.noarch

ln: target '/usr/share/java/canl.jar' is not a directory

warning: %triggerin(canl-java-1.3.2-1.el6.noarch) scriptlet failed, exit status 1

```
}}}
```

* yum update on WNs service

{{{

```
=====
Package Arch Size Version
Repository
```

Updating:

```
canl-c x86_64 2.1.4-1.el6
EMI.canl.sl6.x86_64 64 k
canl-java noarch 1.3.2-1.el6
EMI.canl.sl6.x86_64 286 k
```

Transaction Summary

}}}

* yum update on UI service

{{{

```
canl-c-2.1.4-1.el6.x86_64
canl-java-1.3.2-1.el6.noarch
```

}}}

==== Testing ok ====

* <https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?host=test06.egi.cesga.es>

==== Submitting a direct job from the CESGA UI =====

{{{

```
[esfreire@test13 ~]$ voms-proxy-info --all
subject : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM NagiosUser
managed by Esteban Freire Garcia/CN=proxy
issuer : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM NagiosUser
managed by Esteban Freire Garcia
identity : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM NagiosUser
managed by Esteban Freire Garcia
type : full legacy globus proxy
```


strength : 1024
path : /tmp/x509up_u501
timeleft : 11:59:49
key usage : Digital Signature, Key Encipherment
==== VO ops extension information ====
VO : ops
subject : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM NagiosUser
managed by Esteban Freire Garcia
issuer : /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch
attribute : /ops/Role=lcgadmin/Capability=NULL
attribute : /ops/NGI/Role=NULL/Capability=NULL
attribute : /ops/NGI/Portugal/Role=NULL/Capability=NULL
attribute : /ops/NGI/Spain/Role=NULL/Capability=NULL
attribute : /ops/Role=NULL/Capability=NULL
timeleft : 11:59:48
uri : lcg-voms.cern.ch:15009

```
{}  
* Submitting a direct job from the CESGA UI  
{}  
[esfreire@test13 ~]$ glite-ce-job-submit -D esfreire -r test06.egi.cesga.es:8443/cream-  
pbs-GRID_ops check_bug.jdl  
https://test06.egi.cesga.es:8443/CREAM219442284  
[esfreire@test13 ~]$ glite-ce-job-status  
https://test06.egi.cesga.es:8443/CREAM219442284
```

```
***** JobID=[https://test06.egi.cesga.es:8443/CREAM219442284]  
      Status    = [DONE-OK]  
      ExitCode  = [0]
```

```
}}}  
==== Submitting a job from the CESGA UI through WMS =====
```

```
{}  
[esfreire@test13 ~]$ glite-wms-job-submit -a -o test.job check_bug.jdl
```

```
[esfreire@test13 ~]$ glite-wms-job-status -i test.job
```

```
===== glite-wms-job-status Success  
=====
```

BOOKKEEPING INFORMATION:

Status info for the Job : <https://test22.egi.cesga.es:9000/HfaBKeeh1ZDEoAsVLAatzQ>

Current Status: Done(Success)

Logged Reason(s):

- job completed
- Job Terminated Successfully

Exit code: 0

Status Reason: Job Terminated Successfully

Destination: test06.egi.cesga.es:8443/cream-pbs-GRID_ops

Submitted: Wed Feb 5 09:12:55 2014 CET

```
=====  
=====  
}}}
```

```
== trying a RFC proxy ==
```

```
{{{
```

```
[esfreire@test13 ~]$ voms-proxy-init -rfc --voms ops:/ops/Role=lcgadmin
```

```
Enter GRID pass phrase for this identity:
```

```
Contacting lcg-voms.cern.ch:15009 [/DC=ch/DC=cern/OU=computers/CN=lgc-  
voms.cern.ch] "ops"...
```

```
Remote VOMS server contacted succesfully.
```

```
Created proxy in /tmp/x509up_u501.
```

```
Your proxy is valid until Wed Feb 05 21:17:04 CET 2014
```

```
[esfreire@test13 ~]$ glite-wms-job-submit -a -o test.job check_bug.jdl
```

```
[esfreire@test13 ~]$ glite-wms-job-status -i test.job
```

```
=====  
=====  
glite-wms-job-status Success
```

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://test22.egi.cesga.es:9000/ws-4aYAhIrSSR\_J6PbjwkA
```

```
Current Status: Done(Success)
```

```
Logged Reason(s):
```

```
- job completed
```

```
- Job Terminated Successfully
```

```
Exit code: 0
```

```
Status Reason: Job Terminated Successfully
```

```
Destination: test06.egi.cesga.es:8443/cream-pbs-GRID_ops
```

```
Submitted: Wed Feb 5 09:17:41 2014 CET
```

```
=====  
=====  
}}}
```

```
=== Trying some lcg* commands ===
```

```
{{{
```

```
[esfreire@test13 ~]$ export LFC_HOST=test08.egi.cesga.es
```

```
[esfreire@test13 ~]$ lcg-cr -v --vo ops file:/home/esfreire/test.sh -l
```

```
lfn:/dpm/egi.cesga.es/home/ops/my_test62 -d test08.egi.cesga.es
```

```
Using grid catalog type: lfc
```

```
Using grid catalog : test08.egi.cesga.es
```

```
Checksum type: None
```

```
SE type: SRMv2
```

Destination SURL :
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2014-02-05/file071f33a0-fa42-4486-8560-e0d4ccb1aa92
Source SRM Request Token: aeafcfd3-55f3-4f41-ab5b-a8f9a7c15add
Source URL: file:/home/esfreire/test.sh
File size: 266
VO name: ops
Destination specified: test08.egi.cesga.es
Destination URL for copy:
gsiftp://test08.egi.cesga.es/test08.egi.cesga.es:/storage/ops/2014-02-05/file071f33a0-fa42-4486-8560-e0d4ccb1aa92.10280.0
streams: 1
0 bytes 0.00 KB/sec avg 0.00 KB/sec inst
266 bytes 2.03 KB/sec avg 2.03 KB/sec inst

Transfer took 1010 ms
Using grid catalog type: lfc
Using grid catalog : test08.egi.cesga.es
Site URL to be registered:
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2014-02-05/file071f33a0-fa42-4486-8560-e0d4ccb1aa92
File size: 266
Using LFN: lfn:/dpm/egi.cesga.es/home/ops/my_test62
Using GUID: guid:3cfaf9e7-cbae-4e74-9e00-9a6b3a1e6829
Registering LFN: /dpm/egi.cesga.es/home/ops/my_test62 (3cfaf9e7-cbae-4e74-9e00-9a6b3a1e6829)
Registering SURL:
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2014-02-05/file071f33a0-fa42-4486-8560-e0d4ccb1aa92 (3cfaf9e7-cbae-4e74-9e00-9a6b3a1e6829)
guid:3cfaf9e7-cbae-4e74-9e00-9a6b3a1e6829

}}}
{{{

[esfreire@test13 ~]\$ lcg-ls -v srm://grid002.ft.uam.es:8443/pnfs/ft.uam.es/data/
SE type: SRMv2
/pnfs/ft.uam.es/data/temp
/pnfs/ft.uam.es/data/users
/pnfs/ft.uam.es/data/atlas
/pnfs/ft.uam.es/data/ops
/pnfs/ft.uam.es/data/dteam
/pnfs/ft.uam.es/data/ops.vo.ibergrid.eu
/pnfs/ft.uam.es/data/phys.vo.ibergrid.eu
}}}

New Features/Fixed Bugs

I have to open the following GGUS ticket, https://ggus.eu/index.php?mode=ticket_info&ticket_id=105626 , because I got the following issue during the installation in both SL5 and SL6:

```
{{{  
Updating      : canl-java  
57/124  
In: target `/usr/share/java/canl.jar' is not a directory  
Non-fatal POSTIN scriptlet failure in rpm package canl-java-1.3.2-1.el5.noarch  
error: %trigger(glite-ce-common-java-1.16.1-2.el5.noarch) scriptlet failed, exit status 1  
}}}
```

Additional Info
