

Quality Criteria Verification Report

Product	<i>EMI.cream_torque.sl5.sl6.x86_64-</i>	Release	<i>2.1.3</i>
Software Provider	<i>EMI</i>	RT Ticket	<i>#6733 and #6734</i>
Provider contact	<i>Cristina Aiftimiei <crisrina.aiftimiei@pd.infn.it></i>		
Verifier	<i>Esteban Freire (esfreire@cesga.es)</i>		
Hours worked	<i>6h</i>	Date	<i>10/03/14</i>
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-14-03-03-2014-v-3-7-2-1#What_s_new_AN2
User Documentation	https://wiki.italiangrid.it/twiki/bin/view/CREAM/UserGuideEMI3
API Documentation	https://wiki.italiangrid.it/twiki/bin/view/CREAM/ClientApiCpDoc
Admin Documentation	https://wiki.italiangrid.it/twiki/bin/view/CREAM/SystemAdministratorGuideForEMI3#1_6_1_Torque
Software License	

Generic Criteria

Criteria	Status¹	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

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

Passwords in world readable files	NT	Minor release
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

== EMI.cream_torque.sl5_sl6.x86_64-2.1.3 ==

* Used cream_torque SL5 repo

```

{{{
[root@test06 yum.repos.d]# cat EMI.cream_torque.sl5.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(6733,1471,1397)

```

```

[EMI.cream_torque.sl5.x86_64]
name=EMI.cream_torque.sl5.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-
3.emi.cream_torque.sl5.x86_64/2/1/3/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi

```

```

}}}
```

* Used cream_torque SL6 repo

```

{{{
[root@test06 yum.repos.d]# cat EMI.cream_torque.sl6.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(6734,1472,1398)

```

```

[EMI.cream_torque.sl6.x86_64]
name=EMI.cream_torque.sl6.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-
3.emi.cream_torque.sl6.x86_64/2/1/3/
enabled=1
protect=1
priority=1
gpgcheck=1

```


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-gss-assist	x86_64	9.0-1.el5
UMD-3-updates	36 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-io	x86_64	9.5-1.el5
UMD-3-updates	45 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	
globus-xio-gsi-driver	x86_64	2.4-1.el5
UMD-3-updates	38 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-libs	x86_64	2.2.1-1.el5
UMD-3-updates	132 k	
lcg-info-dynamic-scheduler-pbs	noarch	2.4.4-
1.el5	EMI.cream_torque.sl5.x86_64	23 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	
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

tzdata	x86_64	2013i-2.el5
sl-security	771 k	
tzdata-java	x86_64	2013i-2.el5
sl-security	172 k	
Removing:		
kernel	x86_64	2.6.18-348.3.1.el5
installed	99 M	

Transaction Summary

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

}}}

* Reconfiguring with YAIM (OK)

```
{{{
/opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n MPI_CE -n creamCE
-n TORQUE_server -n TORQUE_utils
}}}
```

* It was necessary adjust MaxCPUtime and WallClockTime values - SEE GGUS TICKET, https://ggus.eu/index.php?mode=ticket_info&ticket_id=101896

```
{{{
qmgr -c 'set queue GRID_ops resources_max.cput = 135:00:00'
qmgr -c 'set queue GRID_ops resources_max.walltime = 27:00:00'
qmgr -c 'set queue GRID_dteam resources_max.cput = 135:00:00'
qmgr -c 'set queue GRID_dteam resources_max.walltime = 27:00:00'
qmgr -c 'set queue GRID_opsibeu resources_max.cput = 135:00:00'
qmgr -c 'set queue GRID_opsibeu resources_max.walltime = 27:00:00'
qmgr -c 'set queue GRID_iberibeu resources_max.cput = 135:00:00'
qmgr -c 'set queue GRID_iberibeu resources_max.walltime = 27:00:00'
}}}
```

== Testing cream_torque on the CreamCE SL6 ==

* yum update (OK)

```
{{{
=====
=====
=====
=====
```

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

Updating:

glite-yaim-torque-utils	noarch	5.1.3-1.el6
EMI.cream_torque.sl6.x86_64	8.0 k	
lcg-info-dynamic-scheduler-pbs	noarch	2.4.4-
1.el6	EMI.cream_torque.sl6.x86_64	22 k

Transaction Summary

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

```
}}}
```

* Reconfiguring with YAIM (OK)

```
{
{
/opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n MPI_CE -n creamCE
-n TORQUE_server -n TORQUE_utils
}}
```

```
== Checking: ==
```

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

* Checking ldap (OK):

```
{
{
glue-validator -H test06.egi.cesga.es -p 2170 -b o=grid -g glue1 -s general -v 3
glue-validator -H test06.egi.cesga.es -p 2170 -b o=glue -g glue2 -s general -v 3
glue-validator -H test06.egi.cesga.es -p 2170 -b o=glue -g egi-glue2 -s general -v 3
ldapsearch -x -h test06.egi.cesga.es -p 2170 -b GLUE2GroupID=resource,o=glue
objectclass=GLUE2Endpoint
ldapsearch -x -h test06.egi.cesga.es -p 2170 -b GLUE2GroupID=resource,o=glue
objectclass=GLUE2Endpoint | grep -i version
```

```
}}}
```

* Checking world writable files (OK)

```
{
{
An easy way to find world-writable files is using the find command:
```

```
find / -type f -perm -002 -exec ls -l {} \;
```

For finding world-writable files in the packages contents:

```
rpm -qalv | egrep "^[^d]([^-][^-w][^-xs]){2}[-r]w"
}}
```

* Submitting jobs using a SHA-2 robot certificate and a RFC proxy

```
{
{
```

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

```
{{{
glite-wms-job-submit -a -o test.job check_bug.jdl
```

Connecting to the service https://test22.egi.cesga.es:7443/glite_wms_wmproxy_server

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

The job has been successfully submitted to the WMProxy
Your job identifier is:

<https://test22.egi.cesga.es:9000/038agqZqnfY8zk6R7SCMhg>

The job identifier has been saved in the following file:
/home/esfreire/test.job

```
=====
```

```
}}}
```

```
{{{
[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:9000/038agqZqnfY8zk6R7SCMhg>

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: Thu Mar 6 15:09:01 2014 CET

```
=====
```

```
}}}
```

* It was necessary adjust MaxCPUtime and WallClockTime values - SEE GGUS
TICKET, https://ggus.eu/index.php?mode=ticket_info&ticket_id=101896

```
{{{
```

```
qmgr -c 'set queue GRID_ops resources_max.cput = 135:00:00'  
qmgr -c 'set queue GRID_ops resources_max.walltime = 27:00:00'  
qmgr -c 'set queue GRID_dteam resources_max.cput = 135:00:00'  
qmgr -c 'set queue GRID_dteam resources_max.walltime = 27:00:00'  
qmgr -c 'set queue GRID_opsibeu resources_max.cput = 135:00:00'  
qmgr -c 'set queue GRID_opsibeu resources_max.walltime = 27:00:00'  
qmgr -c 'set queue GRID_iberibeu resources_max.cput = 135:00:00'  
qmgr -c 'set queue GRID_iberibeu resources_max.walltime = 27:00:00'  
}}}
```

New Features/Fixed Bugs

Additional Info
