

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

Name of the component			
Release	<b>emi.gridsite.sl5_sl6.x86_64-2.2.0</b>	RT Ticket	#6550 #6551
Software Provider			
Release Contact	Name: Cristina Aiftimiei	E-Mail: cristina.aiftimiei@pd.infn.it	
Validator	Name: Esteban Freire García	E-Mail: esfreire@cesga.es	
V. Hours Worked	8		
Component status	<b>Verified</b>	Date	19/12/13
Verification start date	19/12/13	Verification end date	19/12/13

**Summary:**

emi.gridsite.sl5\_sl6.x86\_64-2.2.0 was upgraded from UMD-3 repository in:

- Cream-CE (SL6)
- Wns (SL6)
- WMS (SL5)
- SAM-Nagios (SL5)
- UI (SL6)

OS packages were also upgraded for these services and they were configured with YAIM without find any problem after this change.

**GGUS Tickets:**

**Summary of Quality Criteria verification:**

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
<b>TP</b>				
<b>VLD</b>	9			9
	Specific Quality Criteria			
<b>TP</b>				
<b>VLD</b>	1			1

## Quality Criteria verification cheatsheet:

Generic QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="http://egee.cesnet.cz/cvsweb/SEC/GridSite_Desc.pdf">http://egee.cesnet.cz/cvsweb/SEC/GridSite_Desc.pdf</a>
GENERIC_DOC_2 (Release Notes)	Y	VLD	<a href="https://rt.eji.eu/rt/Ticket/Display.html?id=6550">https://rt.eji.eu/rt/Ticket/Display.html?id=6550</a> <a href="https://rt.eji.eu/rt/Ticket/Display.html?id=6551">https://rt.eji.eu/rt/Ticket/Display.html?id=6551</a>
GENERIC_DOC_3 (User Documentation)	Y	VLD	<a href="http://egee.cesnet.cz/cvsweb/SEC/GridSite_Desc.pdf">http://egee.cesnet.cz/cvsweb/SEC/GridSite_Desc.pdf</a>
GENERIC_DOC_4 (Online help (man pages))			
GENERIC_DOC_5 (API Documentation)			
GENERIC_DOC_6 (Administrator Document)	Y	VLD	<a href="http://egee.cesnet.cz/cvsweb/SEC/GridSite.pdf">http://egee.cesnet.cz/cvsweb/SEC/GridSite.pdf</a>
GENERIC_DOC_8 (Software License)	Y	VLD	emi-ui: Apache Software License ARC Clients: Apache 2.0
GENERIC_DOC_9 (Release changes testing)	Y	VLD	<a href="http://www.eu-emi.eu/releases/emi-3-montebianco/products/-/asset_publisher/5dKm/content/gridsite-2#Doc">http://www.eu-emi.eu/releases/emi-3-montebianco/products/-/asset_publisher/5dKm/content/gridsite-2#Doc</a>
GENERIC_DIST_1 (Source Code Availability)			
GENERIC_DIST_2 (Source Distribution)	Y	VLD	<a href="http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/SRPMS/base/gridsite-2.0.4-1.src.rpm">http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/SRPMS/base/gridsite-2.0.4-1.src.rpm</a>
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	<a href="http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/gridsite-2.0.4-1.el6.x86_64.rpm">http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/gridsite-2.0.4-1.el6.x86_64.rpm</a>
GENERIC_SERVICE_4 (Automatic Configur)	Y	VLD	
GENERIC_MISC_2 (Bug Tracking System)			
Security Capabilities QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	Read Ex Summary
AUTHN_IFACE_2 (SAML authentication)	Optional		

**Validator comments:**

== Verification of emi.gridsite.sl5\_sl6.x86\_64-2.2.0 ==

=== Ticket assigned ===

\* [https://rt.egi.eu/rt/Ticket/Display.html?id=6550]

\* [https://rt.egi.eu/rt/Ticket/Display.html?id=6551]

=== ggus tickets opened ===

=== Repositories ===

(!) Verifier must install a new repo for each product, this information is available at RT ticket field:

{{{

```
[root@test06 yum.repos.d]# cat EMI.gridsite.sl6.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(6551,1444,1370)
```

```
[EMI.gridsite.sl6.x86_64]
name=EMI.gridsite.sl6.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.emi.gridsite.sl6.x86_64/2/2/0/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
```

}}}

=== Installing (OK) ===

\* yum update - (cream, WNS)

{{{

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

Updating:

```

gridsite-libs                x86_64                2.2.0-1.el6
EMI.gridsite.sl6.x86_64      83 k
openjpeg-libs                x86_64                1.3-10.el6_5
sl-security                   59 k

```

Transaction Summary

```

=====
=====
=====
=====
}}

```

\* yum update (nagios - SL5)

```

{{{
=====
=====
=====
=====

```

```

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

```

```

Installing:
kernel                        x86_64                2.6.18-371.3.1.el5
sl-security                   22 M
Updating:
gridsite-libs                x86_64                2.2.0-1.el5
EMI.gridsite.sl5.x86_64      131 k
libjpeg                       i386                  6b-38
sl-security                   138 k
libjpeg                       x86_64                6b-38
sl-security                   138 k
nspr                          i386                  4.10.2-2.el5_10
sl-security                   123 k
nspr                          x86_64                4.10.2-2.el5_10
sl-security                   122 k
nss                           i386                  3.15.3-3.el5_10
sl-security                   1.2 M
nss                           x86_64                3.15.3-3.el5_10
sl-security                   1.2 M
nss-tools                     x86_64                3.15.3-3.el5_10
sl-security                   753 k
php                           x86_64                5.1.6-43.el5_10
sl-security                   2.4 M
php-cli                       x86_64                5.1.6-43.el5_10
sl-security                   2.2 M
php-common                    x86_64                5.1.6-43.el5_10
sl-security                   155 k

```

```

php-gd                x86_64                5.1.6-43.el5_10
sl-security            119 k
Removing:
kernel                x86_64                2.6.18-348.3.1.el5
installed              99 M
Installing for dependencies:
canl-c                x86_64                2.1.2-1.el5
EMI.gridsite.sl5.x86_64 70 k
gridsite-compat1.7    x86_64                1.7.29-1.el5
EMI.gridsite.sl5.x86_64 40 k

```

Transaction Summary

```

=====
=====
=====
=====
}}}

```

\* yum update (WMS - SL5)

```

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

```

```

Updating:
canl-java                noarch                1.3.0-1.el5
UMD-3-updates            285 k
emi-version              x86_64                3.6.0-1.el5
UMD-3-updates            2.3 k
glite-ce-cream-client-api-c  x86_64                1.15.3-
3.el5                    UMD-3-updates        477 k
glite-wms-common        x86_64                3.6.1-1.sl5
UMD-3-updates            245 k
glite-wms-configuration  x86_64                3.6.1-1.sl5
UMD-3-updates            23 k
glite-wms-core          x86_64                3.5.1-1.sl5
UMD-3-updates            1.0 M
glite-wms-ice           x86_64                3.5.1-1.sl5
UMD-3-updates            9.3 M
glite-wms-interface     x86_64                3.6.1-1.sl5
UMD-3-updates            889 k
glite-wms-jobsubmission  x86_64                3.5.1-
1.sl5                    UMD-3-updates        109 k

```

gridsite	x86_64	2.2.0-1.el5
EMI.gridsite.sl5.x86_64	83 k	
gridsite-libs	x86_64	2.2.0-1.el5
EMI.gridsite.sl5.x86_64	131 k	
libjpeg	i386	6b-38
sl-security	138 k	
libjpeg	x86_64	6b-38
sl-security	138 k	
voms	x86_64	2.0.11-1
UMD-3-updates	165 k	
voms-api-java3	noarch	3.0.2-1.sl5
UMD-3-updates	123 k	

Transaction Summary

```

=====
=====
=====
=====
}}}

```

\* yum update (UI - SL6)

```

{{{
=====
=====
=====
=====
=====

```

Package	Arch	Version
Repository	Size	

Installing:		
kernel	x86_64	2.6.32-431.1.2.el6
sl-security	28 M	
Updating:		
atk	x86_64	1.30.0-1.el6
sl-security	195 k	
bfa-firmware	noarch	3.2.21.1-2.el6
sl-security	2.6 M	
coreutils	x86_64	8.4-31.el6
sl-security	3.0 M	
coreutils-libs	x86_64	8.4-31.el6
sl-security	48 k	
dracut	noarch	004-336.el6
sl-security	120 k	
dracut-kernel	noarch	004-336.el6
sl-security	23 k	
glib2	i686	2.26.1-3.el6
sl-security	1.6 M	

glib2	x86_64	2.26.1-3.el6
sl-security	1.6 M	
glib2-devel	x86_64	2.26.1-3.el6
sl-security	1.6 M	
glibc	i686	2.12-1.132.el6
sl-security	4.3 M	
glibc	x86_64	2.12-1.132.el6
sl-security	3.8 M	
glibc-common	x86_64	2.12-
1.132.el6	sl-security	14 M
glibc-devel	x86_64	2.12-1.132.el6
sl-security	977 k	
glibc-headers	x86_64	2.12-1.132.el6
sl-security	607 k	
globus-rls-client	x86_64	5.2-13.el6
epel	30 k	
glue-validator	noarch	2.0.20-0.el6
UMD-3-updates	71 k	
gsi-openssh	x86_64	5.3p1-10.el6
epel	217 k	
gsi-openssh-clients	x86_64	5.3p1-10.el6
epel	245 k	
gtk2	x86_64	2.20.1-4.el6
sl-security	3.3 M	
kernel-firmware	noarch	2.6.32-
431.1.2.el6	sl-security	13 M
kernel-headers	x86_64	2.6.32-
431.1.2.el6	sl-security	2.8 M
libjpeg-turbo	x86_64	1.2.1-3.el6_5
sl-security	173 k	
nspr	i686	4.10.2-1.el6_5
sl-security	114 k	
nspr	x86_64	4.10.2-1.el6_5
sl-security	112 k	
nss	i686	3.15.3-2.el6_5
sl-security	824 k	
nss	x86_64	3.15.3-2.el6_5
sl-security	820 k	
nss-sysinit	x86_64	3.15.3-2.el6_5
sl-security	39 k	
nss-tools	x86_64	3.15.3-2.el6_5
sl-security	357 k	
nss-util	i686	3.15.3-1.el6_5
sl-security	63 k	
nss-util	x86_64	3.15.3-1.el6_5
sl-security	63 k	
openjpeg-libs	x86_64	1.3-10.el6_5
sl-security	59 k	
openssh	x86_64	5.3p1-94.el6
sl-security	257 k	

```

openssh-clients                x86_64                5.3p1-94.el6
sl-security                    400 k
openssh-server                x86_64                5.3p1-94.el6
sl-security                    310 k
openssl                        i686                  1.0.1e-16.el6_5
sl-security                    1.5 M
openssl                        x86_64                1.0.1e-16.el6_5
sl-security                    1.5 M
openssl-devel                  x86_64                1.0.1e-
16.el6_5
sl-security                    1.2 M
python                         x86_64                2.6.6-51.el6
sl-security                    73 k
python-libs                    x86_64                2.6.6-51.el6
sl-security                    5.3 M
ruby                           x86_64                1.8.7.352-13.el6
sl-security                    534 k
ruby-devel                     x86_64                1.8.7.352-13.el6
sl-security                    314 k
ruby-irb                       x86_64                1.8.7.352-13.el6
sl-security                    313 k
ruby-libs                      x86_64                1.8.7.352-13.el6
sl-security                    1.6 M
ruby-rdoc                      x86_64                1.8.7.352-13.el6
sl-security                    376 k
selinux-policy                 noarch                3.7.19-231.el6
sl-security                    824 k
selinux-policy-targeted        noarch                3.7.19-
231.el6
sl-security                    2.8 M
sudo                           x86_64                1.8.6p3-12.el6
sl-security                    702 k
xorg-x11-drv-ati-firmware      noarch                7.1.0-
3.el6
sl-security                    108 k
Removing:
kernel                         x86_64                2.6.32-
358.11.1.el6
@sl-security                    116 M
Installing for dependencies:
shared-mime-info               x86_64                0.70-4.el6
sl                             208 k

```

```
}}}
```

\* yum update (continuation UI - SL6)

```
{{{
```

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

Package	Arch	Size	Version
Repository			



```

=====
Updating:
gridsite-commands                x86_64                2.2.0-1.el6
EMI.gridsite.sl6.x86_64          27 k
gridsite-libs                    x86_64                2.2.0-1.el6
EMI.gridsite.sl6.x86_64          83 k

```

Transaction Summary

```

}}}

```

==== Configuring with YAIM was OK on CreamCE, WNs, WMS, UI and SAM-NAgios =====

=== Testing ===

==== 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 : 11:59:56
key usage : Digital Signature, Key Encipherment, Data 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 : 11:59:56
uri      : lcg-voms.cern.ch:15009
{{{

```

```
{{{
[esfreire@test13 ~]$ glite-ce-delegate-proxy -e test06.egi.cesga.es esfreire
Proxy with delegation id [esfreire] succesfully delegated to endpoint
[test06.egi.cesga.es]

[esfreire@test13 ~]$ glite-ce-proxy-renew -e test06.egi.cesga.es esfreire
Proxy with delegation id [esfreire succesfully renewed to endpoint [test06.egi.cesga.es]

[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/CREAM982128545

[esfreire@test13 ~]$ glite-ce-job-status
https://test06.egi.cesga.es:8443/CREAM982128545

***** JobID=[https://test06.egi.cesga.es:8443/CREAM982128545]
      Status      = [DONE-OK]
      ExitCode    = [0]

}}}
```

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

```
{{{
[esfreire@test13 ~]$ glite-wms-job-list-match -a check_bug.jdl | grep test06
- test06.egi.cesga.es:8443/cream-pbs-GRID_ops
- test06.egi.cesga.es:8443/cream-pbs-GRID_ops
}}}
```

```
{{{
===== glite-wms-job-status Success
=====
BOOKKEEPING INFORMATION:

Status info for the Job : https://test22.egi.cesga.es:9000/Uq68T-G-KeLTjgg1Sz1iMQ
Current Status: Done(Success)
Logged Reason(s):
  - job completed
  - Job Terminated Successfully
Exit code:      0
Status Reason:  Job Terminated Successfully
Destination:    cccreamceli10.in2p3.fr:8443/cream-sge-long
Submitted:      Thu Dec 19 13:39:45 2013 CET
=====
=====
}}}
```

=== Trying some lcg\* commands ===

{

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

```
lfn:/dpm/egi.cesga.es/home/ops/my_test26 -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/2013-12-19/file622a3acb-da73-463f-b712-bda94d15289c
```

```
Source SRM Request Token: 348bfb99-3d2f-46e7-9136-618456caf0ce
```

```
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/2013-12-19/file622a3acb-da73-463f-b712-bda94d15289c.2221.0
```

```
# streams: 1
```

0 bytes	0.00 KB/sec avg	0.00 KB/sec inst
266 bytes	1.99 KB/sec avg	1.99 KB/sec inst

```
Transfer took 1000 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/2013-12-19/file622a3acb-da73-463f-b712-bda94d15289c
```

```
File size: 266
```

```
Using LFN: lfn:/dpm/egi.cesga.es/home/ops/my_test26
```

```
Using GUID: guid:dd178d06-c70d-457d-a33f-24802cfae021
```

```
Registering LFN: /dpm/egi.cesga.es/home/ops/my_test26 (dd178d06-c70d-457d-a33f-24802cfae021)
```

```
Registering SURL:
```

```
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-12-19/file622a3acb-da73-463f-b712-bda94d15289c (dd178d06-c70d-457d-a33f-24802cfae021)
```

```
guid:dd178d06-c70d-457d-a33f-24802cfae021
```

```
}
```

```
{
```

```
[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  
}}

**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):**

- Review criteria xxxx
- Add criteria xxxx

**Comments for SR (TSA1.3):**

emi.gridsite.sl5\_sl6.x86\_64-2.2.0 was upgrade from UMD-3 repository in:

- Cream-CE (SL6)
- Wns (SL6)
- WMS (SL5)
- SAM-Nagios (SL5)
- UI (SL6)

OS packages were also upgraded for these services and they were configured with YAIM without find any problem after this change.

**Comments for DMSU (TSA2.5):**

**Comments for TP:**