

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

Name of the component			
Release	<b>emi.gridsite.sl5.x86_64-1.17.25</b>	RT Ticket	#4844
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	2		
Component status	<b>Verified</b>	Date	17/01/13
Verification start date	16/01/13	Verification end date	17/01/13

**Summary:**

**emi.gridsite.sl5.x86\_64-1.17.25 was updated from UMD repository in the UI from verification and was configured without problems 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:

Criteria	Accepted	Tested	Comments
<b>Generic QC</b>			
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.egi.eu/guest/Ticket/Display.html?id=4844">https://rt.egi.eu/guest/Ticket/Display.html?id=4844</a>
GENERIC_DOC_3 (User Documentation)	Y	VLD	<a href="http://egee.cesnet.cz/cvsweb/SEC/GridSite_User.pdf">http://egee.cesnet.cz/cvsweb/SEC/GridSite_User.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_Install.pdf">http://egee.cesnet.cz/cvsweb/SEC/GridSite_Install.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	
GENERIC_DIST_1 (Source Code Availability)			
GENERIC_DIST_2 (Source Distribution)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	<a href="http://admin-repo.egi.eu/sw/unverified/umd-1.emi.gridsite.sl5.x86_64/1/17/25/gridsite-1.7.25-0.emi1.el5.x86_64.rpm">http://admin-repo.egi.eu/sw/unverified/umd-1.emi.gridsite.sl5.x86_64/1/17/25/gridsite-1.7.25-0.emi1.el5.x86_64.rpm</a>
GENERIC_SERVICE_4 (Automatic Configuration)	Y	VLD	
GENERIC_MISC_2 (Bug Tracking System)			
<b>Security Capabilities QC</b>			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	Read Ex Summary

**Validator comments:**

== Verification of EMI.gridsite.sl5.x86\_64-1.17.25\_UMD-1 ==

=== Ticket assigned ===

\* [<https://rt.egi.eu/rt/Ticket/Display.html?id=4844>]

=== ggus tickets opened ===

=== Repositories ===

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

{{{

```
[root@test13 yum.repos.d]# cat EMI.gridsite.sl5.x86_64.repo
```

```
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -  
(4844,813,739)
```

```
[EMI.gridsite.sl5.x86_64]
```

```
name=EMI.gridsite.sl5.x86_64
```

```
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-1.emi.gridsite.sl5.x86_64/1/17/25/
```

```
enabled=1
```

```
protect=1
```

```
priority=1
```

```
gpgcheck=1
```

gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/1/RPM-GPG-KEY-emi

}}}

=== Installing (OK) ===

\* yum update

{{{

=====

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

Installing:

gridsite-shared	x86_64	1.7.25-0.emi1.el5
EMI.gridsite.sl5.x86_64	130 k	
replacing gridsite-libs.x86_64 1.7.21-4.el5		

Installing for dependencies:

gridsite-libs	i386	1.7.21-4.el5
epel	41 k	
libxml2	i386	2.6.26-2.1.15.el5_8.6
sl-security	798 k	

Transaction Summary

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

```
}}}
```

```
===== Configuring with YAIM the UI OK =====
```

```
{{{
```

```
[root@test13 etc]# /opt/glite/yaim/bin/yaim -c -s site-info.def -n UI
```

```
WARNING:
```

```
WARNING:
```

```
*****
*****
```

```
WARNING: Your siteinfo directory is world readable. This is generally a bad idea
```

```
WARNING: as configuration files may contain passwords and other sensitive
information.
```

```
WARNING:
```

```
*****
*****
```

```
WARNING:
```

```
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/site-info.pre
```

```
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/glite-ui.pre
```

```
INFO: Using site configuration file: site-info.def
```

```
DEBUG: Sourcing site-info.def file: site-info.def
```

```
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/site-info.post
```

```
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/glite-ui.post
```

```
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/mapping
```

```
INFO:
```

#####

```
.      /'.-' )  
.  yA,-"-( ,m,:/ ) .oo.  oo  o   ooo o.  .oo  
.  /   .-Y a a Y-.  8. .8'  8'8.  8  8b  d'8  
.  /      ~~/      8'  .8oo88.  8  8  8'  8  
.  (_/      '===='      8  .8'  8.  8  8  Y  8  
.  Y,-"-Yy,-,./      o8o o8o  o88o o8o o8o  o8o  
.  I_))_) I_))_)
```

current working directory: /opt/glite/yaim/etc

site-info.def date: Dec 10 14:01 site-info.def

yaim command: -c -s site-info.def -n UI

log file: /opt/glite/yaim/bin/../log/yaimlog

Wed Jan 16 16:44:31 CET 2013 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:

glite-yaim-clients 5.0.0-1

glite-yaim-core 5.0.2-1

#####

INFO: The default location of the grid-env.(c)sh files will be: /usr/libexec

INFO: Sourcing the utilities in /opt/glite/yaim/functions/utills

INFO: Detecting environment

DEBUG: Detect platform: OS flavour detected is: redhat

DEBUG: Detected architecture is 64BIT

DEBUG: Detect platform: OS type detected: sl5

DEBUG: Resulted NODE\_TYPE\_LIST is : UI

DEBUG: Setting environment variable GRID\_ENV\_LOCATION, to value "/usr/libexec".

DEBUG: Unset environment variable GRID\_ENV\_LOCATION.

DEBUG: Setting environment variable LCG\_LOCATION, to value "/usr".

DEBUG: Unset environment variable LCG\_LOCATION.

DEBUG: Setting environment variable GLITE\_LOCATION, to value "/usr".

DEBUG: Unset environment variable GLITE\_LOCATION.

DEBUG: Setting environment variable GLITE\_LOCATION\_VAR, to value "/var".

DEBUG: Unset environment variable GLITE\_LOCATION\_VAR.

DEBUG: Appending value "/bin" to environment variable PATH.

DEBUG: Deleting value "/bin" from environment variable PATH.

DEBUG: Appending value "/opt/glite/share/man" to environment variable MANPATH.

DEBUG: Deleting value "/opt/glite/share/man" from environment variable MANPATH.

DEBUG: Sourcing node definition file: /opt/glite/yaim/bin/./node-info.d/glite-ui

DEBUG: Skipping function: config\_ldconf\_check because it is not defined

DEBUG: Skipping function: config\_sysconfig\_edg\_check because it is not defined

DEBUG: Skipping function: config\_sysconfig\_globus\_check because it is not defined

INFO: Executing function: config\_sysconfig\_lcg\_check

DEBUG: Skipping function: config\_crl\_check because it is not defined

INFO: Executing function: config\_globus\_clients\_check

INFO: Executing function: config\_lcgenv\_check

DEBUG: Skipping function: config\_fts\_client\_check because it is not defined

INFO: Executing function: config\_glite\_ui\_check

INFO: Executing function: config\_vomses\_check

INFO: Executing function: config\_glite\_saga\_check

INFO: Executing function: config\_vomsdir\_check

INFO: Executing function: config\_add\_pool\_env\_check

DEBUG: Skipping function: config\_ldconf\_setenv because it is not defined

INFO: Executing function: config\_ldconf

INFO: config\_ldconf: function not needed anymore, left empty waiting to be removed

DEBUG: Skipping function: config\_sysconfig\_edg\_setenv because it is not defined

INFO: Executing function: config\_sysconfig\_edg

DEBUG: Skipping function: config\_sysconfig\_globus\_setenv because it is not defined

INFO: Executing function: config\_sysconfig\_globus

DEBUG: Skipping function: config\_sysconfig\_lcg\_setenv because it is not defined

INFO: Executing function: config\_sysconfig\_lcg

DEBUG: Skipping function: config\_crl\_setenv because it is not defined

INFO: Executing function: config\_crl

INFO: Now updating the CRLs - this may take a few minutes...

Enabling periodic fetch-crl: [ OK ]

DEBUG: fetch-crl cron enabled

INFO: Executing function: config\_globus\_clients\_setenv

DEBUG: Setting environment variable GLOBUS\_TCP\_PORT\_RANGE, to value "20000,25000".

DEBUG: Unset environment variable GLOBUS\_TCP\_PORT\_RANGE.



DEBUG: Setting environment variable GT\_PROXY\_MODE, to value "old".

DEBUG: Unset environment variable GT\_PROXY\_MODE.

INFO: Executing function: config\_globus\_clients

INFO: Configure the globus service - not needed in EMI

DEBUG: Skipping function: config\_lcgenenv\_setenv because it is not defined

INFO: Executing function: config\_lcgenenv

DEBUG: Setting environment variable LCG\_GFAL\_INFOSYS, to value "topbdii.core.ibergrid.eu:2170".

DEBUG: Unset environment variable LCG\_GFAL\_INFOSYS.

DEBUG: Setting environment variable MYPROXY\_SERVER, to value "myproxy.egi.cesga.es".

DEBUG: Unset environment variable MYPROXY\_SERVER.

DEBUG: Appending value "/opt/d-cache/srm/bin:/opt/d-cache/dcap/bin" to environment variable PATH.

DEBUG: Deleting value "/opt/d-cache/srm/bin:/opt/d-cache/dcap/bin" from environment variable PATH.

DEBUG: Appending value "/opt/d-cache/dcap/lib64" to environment variable LD\_LIBRARY\_PATH.

DEBUG: Deleting value "/opt/d-cache/dcap/lib64" from environment variable LD\_LIBRARY\_PATH.

DEBUG: Setting environment variable SRM\_PATH, to value "/opt/d-cache/srm".

DEBUG: Unset environment variable SRM\_PATH.

DEBUG: Setting environment variable VO\_OPS\_DEFAULT\_SE, to value "test08.egi.cesga.es".

DEBUG: Unset environment variable VO\_OPS\_DEFAULT\_SE.

DEBUG: Setting environment variable VO\_DTEAM\_DEFAULT\_SE, to value "test08.egi.cesga.es".

DEBUG: Unset environment variable VO\_DTEAM\_DEFAULT\_SE.

DEBUG: Setting environment variable  
VO\_OPS\_VO\_IBERGRID\_EU\_DEFAULT\_SE, to value "test08.egi.cesga.es".

DEBUG: Unset environment variable  
VO\_OPS\_VO\_IBERGRID\_EU\_DEFAULT\_SE.

DEBUG: Setting environment variable  
VO\_IBER\_VO\_IBERGRID\_EU\_DEFAULT\_SE, to value "test08.egi.cesga.es".

DEBUG: Unset environment variable  
VO\_IBER\_VO\_IBERGRID\_EU\_DEFAULT\_SE.

DEBUG: Setting environment variable DPNS\_HOST, to value "test08.egi.cesga.es".

DEBUG: Unset environment variable DPNS\_HOST.

DEBUG: Setting environment variable DPM\_HOST, to value "test08.egi.cesga.es".

DEBUG: Unset environment variable DPM\_HOST.

DEBUG: Skipping function: config\_fts\_client\_setenv because it is not defined

INFO: Executing function: config\_fts\_client

INFO: Executing function: config\_glite\_ui\_setenv

DEBUG: Setting environment variable GLITE\_SD\_PLUGIN, to value "file,bdii".

DEBUG: Unset environment variable GLITE\_SD\_PLUGIN.

DEBUG: Setting environment variable GLITE\_SD\_SERVICES\_XML, to value  
"/opt/glite/etc/services.xml".

DEBUG: Unset environment variable GLITE\_SD\_SERVICES\_XML.

DEBUG: Setting environment variable X509\_USER\_PROXY, to value  
"/tmp/x509up\_u\$(id -u)".

DEBUG: Appending value "/opt/lcg/bin" to environment variable PATH.

DEBUG: Deleting value "/opt/lcg/bin" from environment variable PATH.

INFO: Executing function: config\_glite\_ui

DEBUG: Find out if Service Discovery should be enabled or not

DEBUG: Skipping function: config\_vomses\_setenv because it is not defined

INFO: Executing function: config\_vomses

INFO: Executing function: config\_glite\_saga\_setenv

INFO: SAGA configuration is not required

INFO: Executing function: config\_glite\_saga

INFO: SAGA configuration is not required

INFO: Executing function: config\_vomsdir\_setenv

DEBUG: This function currently doesn't set any environment variables.

INFO: Executing function: config\_vomsdir

DEBUG: .lsc file configuration for VO ops...

DEBUG: Create the /etc/grid-security/vomsdir/ops/voms.cern.ch.lsc

DEBUG: Copying /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch in /etc/grid-security/vomsdir/ops/voms.cern.ch.lsc

DEBUG: Create the /etc/grid-security/vomsdir/ops/lcg-voms.cern.ch.lsc

DEBUG: Copying /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch in /etc/grid-security/vomsdir/ops/lcg-voms.cern.ch.lsc

DEBUG: Copying the voms.cern.ch CA DN /DC=ch/DC=cern/CN=CERN Trusted Certification Authority in /etc/grid-security/vomsdir/ops/voms.cern.ch.lsc

DEBUG: Copying the lcg-voms.cern.ch CA DN /DC=ch/DC=cern/CN=CERN Trusted Certification Authority in /etc/grid-security/vomsdir/ops/lcg-voms.cern.ch.lsc

DEBUG: .lsc file configuration for VO dteam...

DEBUG: Create the /etc/grid-security/vomsdir/dteam/lcg-voms.cern.ch.lsc

DEBUG: Copying /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch in /etc/grid-security/vomsdir/dteam/lcg-voms.cern.ch.lsc

DEBUG: Create the /etc/grid-security/vomsdir/dteam/voms.cern.ch.lsc

DEBUG: Copying /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch in /etc/grid-security/vomsdir/dteam/voms.cern.ch.lsc

DEBUG: Create the /etc/grid-security/vomsdir/dteam/voms.hellasgrid.gr.lsc

DEBUG: Copying /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr in /etc/grid-security/vomsdir/dteam/voms.hellasgrid.gr.lsc

DEBUG: Create the /etc/grid-security/vomsdir/dteam/voms2.hellasgrid.gr.lsc

DEBUG: Copying /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr in /etc/grid-security/vomsdir/dteam/voms2.hellasgrid.gr.lsc

DEBUG: Copying the lcg-voms.cern.ch CA DN /DC=ch/DC=cern/CN=CERN Trusted Certification Authority in /etc/grid-security/vomsdir/dteam/lcg-voms.cern.ch.lsc

DEBUG: Copying the voms.cern.ch CA DN /DC=ch/DC=cern/CN=CERN Trusted Certification Authority in /etc/grid-security/vomsdir/dteam/voms.cern.ch.lsc

DEBUG: Copying the voms.hellasgrid.gr CA DN /C=GR/O=HellasGrid/OU=Certification Authorities/CN=HellasGrid CA 2006 in /etc/grid-security/vomsdir/dteam/voms.hellasgrid.gr.lsc

DEBUG: Copying the voms2.hellasgrid.gr CA DN /C=GR/O=HellasGrid/OU=Certification Authorities/CN=HellasGrid CA 2006 in /etc/grid-security/vomsdir/dteam/voms2.hellasgrid.gr.lsc

DEBUG: .lsc file configuration for VO ops.vo.ibergrid.eu...

DEBUG: Create the /etc/grid-security/vomsdir/ops.vo.ibergrid.eu/voms02.ncg.ingrid.pt.lsc

DEBUG: Copying /C=PT/O=LIPCA/O=LIP/OU=Lisboa/CN=voms02.ncg.ingrid.pt in /etc/grid-security/vomsdir/ops.vo.ibergrid.eu/voms02.ncg.ingrid.pt.lsc

DEBUG: Copying the voms02.ncg.ingrid.pt CA DN /C=PT/O=LIPCA/CN=LIP Certification Authority in /etc/grid-security/vomsdir/ops.vo.ibergrid.eu/voms02.ncg.ingrid.pt.lsc

DEBUG: .lsc file configuration for VO iber.vo.ibergrid.eu...

DEBUG: Create the /etc/grid-security/vomsdir/iber.vo.ibergrid.eu/voms02.ncg.ingrid.pt.lsc

DEBUG: Copying /C=PT/O=LIPCA/O=LIP/OU=Lisboa/CN=voms02.ncg.ingrid.pt in /etc/grid-security/vomsdir/iber.vo.ibergrid.eu/voms02.ncg.ingrid.pt.lsc

DEBUG: Copying the voms02.ncg.ingrid.pt CA DN /C=PT/O=LIPCA/CN=LIP Certification Authority in /etc/grid-security/vomsdir/iber.vo.ibergrid.eu/voms02.ncg.ingrid.pt.lsc

INFO: Executing function: config\_add\_pool\_env\_setenv

DEBUG: Currently this function doesn't set any environment variables.

INFO: Executing function: config\_add\_pool\_env

DEBUG: Creating links for the grid environment in /etc/profile.d/

INFO: Configuration Complete.

[ OK ]

INFO: YAIM terminated succesfully.

}}}

=== TESTING ===

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

{{{

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

Enter GRID pass phrase:

Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez

Creating temporary proxy ..... Done

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

Creating proxy ..... Done

Your proxy is valid until Thu Jan 17 04:57:07 2013

}}}

{{{

```
[esfreire@test13 ~]$ glite-ce-delegate-proxy -e test06.egi.cesga.es esfreire
```

2013-01-16 16:57:46,693 NOTICE - Proxy with delegation id [esfreire] succesfully delegated to endpoint [https://test06.egi.cesga.es:8443//ce-cream/services/gridsite-delegation]

```
[esfreire@test13 ~]$ glite-ce-proxy-renew -e test06.egi.cesga.es esfreire
```

```
2013-01-16 16:57:55,554 NOTICE - Proxy with delegation id [esfreire] succesfully renewed to endpoint [https://test06.egi.cesga.es:8443//ce-cream/services/gridsite-delegation]
```

```
[esfreire@test13 ~]$
```

```
}}}
```

```
{{{
```

```
[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/CREAM003559635
```

```
[esfreire@test13 ~]$ glite-ce-job-status  
https://test06.egi.cesga.es:8443/CREAM003559635
```

```
***** JobID=[https://test06.egi.cesga.es:8443/CREAM003559635]
```

```
    Status      = [DONE-OK]
```

```
    ExitCode    = [0]
```

```
}}}
```

```
{{{
```

```
[esfreire@test13 verification]$ glite-ce-job-submit -D esfreire -r test06.egi.cesga.es:8443/cream-pbs-GRID_ops job1.jdl
```

```
https://test06.egi.cesga.es:8443/CREAM723395006
```

```
[esfreire@test13 verification]$ glite-ce-job-status  
https://test06.egi.cesga.es:8443/CREAM723395006
```

```
***** JobID=[https://test06.egi.cesga.es:8443/CREAM723395006]
```

```
    Status      = [DONE-OK]
```

```
ExitCode = [0]
```

```
}}
```

**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.x86\_64-1.17.25 was updated from UMD repository in the UI from verification and was configured without problems after this change.

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

**Comments for TP:**