

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

Name of the component	EMI-UI		
Release	EMI3	RT Ticket	#5254 #5255
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	Cristina Aiftimiei	cristina.aiftimiei@pd.infn.it	
Validator	Name:	E-Mail	
	Álvaro Simón	asimon@cesga.es	
V. Hours Worked	7		
Component status	<b>Verified</b>	Date	20/03/13
Verification start date	19/03/13	Verification end date	19/03/13

**Summary:**

**EMI-UI was verified without any important issue. EMI-UI has some dep issues upgrading from EMI2 to EMI3 see GGUS ticket for more info.**

**GGUS Tickets:**

- **UMD Verification: EMI-UI 3.0.0-1 issue upgrading voms-clients package:** [https://ggus.eu/ws/ticket\\_info.php?ticket=92697](https://ggus.eu/ws/ticket_info.php?ticket=92697)

**Summary of Quality Criteria verification:**

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
<b>TP</b>				
<b>VLD</b>	10	0	0	10
	Specific Quality Criteria			
<b>TP</b>				
<b>VLD</b>	14	0	0	14

## Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/N	Tested (TP/VLD)	Comments
<b>DOCUMENTATION QC</b>			
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="https://twiki.cern.ch/twiki/pub/EMI/EMlui/EMI_UI_v_3_0_0-1.pdf">https://twiki.cern.ch/twiki/pub/EMI/EMlui/EMI_UI_v_3_0_0-1.pdf</a>
GENERIC_DOC_2 (Release Notes)	Y	VLD	<a href="http://www.eu-emi.eu/products/-/asset_publish">http://www.eu-emi.eu/products/-/asset_publish</a>
GENERIC_DOC_3 (User Documentation)	Y	VLD	<a href="https://twiki.cern.ch/twiki/pub/EMI/EMlui/EMI_UI_v_3_0_0-1.pdf">https://twiki.cern.ch/twiki/pub/EMI/EMlui/EMI_UI_v_3_0_0-1.pdf</a>
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Documentat	Y	VLD	<a href="https://twiki.cern.ch/twiki/pub/EMI/EMlui/EMI_UI_v_3_0_0-1.pdf">https://twiki.cern.ch/twiki/pub/EMI/EMlui/EMI_UI_v_3_0_0-1.pdf</a>
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)	Optional		
<b>SOFTWARE DISTRIBUTION QC</b>			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
<b>SOFTWARE FEATURES QC</b>			
GENERIC_SOFT_1 (Backwards Compatibility)	Y	VLD	
GENERIC_SOFT_2 (New features testing)	Y	VLD	
<b>SERVICE CRITERIA QC</b>			
GENERIC_SERVICE_5 (Automatic Configurati	Y	VLD	
GENERIC_SERVICE_6 (Default Password Co	Y	VLD	
GENERIC_SERVICE_7 (Default Configuration	Y	VLD	
<b>SECURITY QC</b>			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_3 (Passwords in world readab	Y	VLD	
<b>MISCELLANEOUS QC</b>			
GENERIC_MISC_1 (Bug Tracking System)	Y	VLD	
<b>AUTHENTICATION QC</b>			
AUTHN_CRED_1 (X.509 Certificate support)	Y	VLD	
AUTHN_CRED_2 (SHA2 Certificate support)	Y	VLD	
AUTHN_CRED_3 (RFC Proxy support)	Y	VLD	
AUTHN_PROTO_1 (TLSSSLv3 Support)	Y	VLD	
<b>CLIENT TOOLS QC</b>			
CLIENT_TOOLS_1 (Command line options col	Y	VLD	
CLIENT_TOOLS_2 (Error Messages)	Y	VLD	

## Validator comments:

```
# cat EMI.emi-ui.s16.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (5255,994,919)
```

```
[EMI.emi-ui.s16.x86_64]
name=EMI.emi-ui.s16.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.emi.emi-ui.s16.x86_64/3/0/0/
enabled=1
protect=1
priority=1
pgpcheck=1
pgpkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emisoft
```

Dependencies Resolved

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

Package	Arch	Version
Installing:		
fts2-client	x86_64	2.2.9-1.e16
EMI.emi-ui.s16.x86_64		
replacing delegation-api-c.x86_64 2.1.2-7.el6		
replacing delegation-cli.x86_64 2.1.3-1.e16		
replacing transfer-cli.x86_64 4.0.3-1.e16		
replacing util-c.x86_64 1.3.2-1_HEAD.e16		
Updating:		
c-ares	x86_64	1.7.0-6.e16
sl		
emi-ui	x86_64	3.0.0-1.e16
EMI.emi-ui.s16.x86_64		
emi-version	x86_64	3.0.0-1.s16
EMI.emi-ui.s16.x86_64		
emi.amga.amga-cli	x86_64	2.4.0-1.s16
EMI.emi-ui.s16.x86_64		
glite-ce-cream-cli	x86_64	1.15.1-2.s16
EMI.emi-ui.s16.x86_64		
glite-ce-cream-client-api-c	x86_64	1.15.1-2.s16
EMI.emi-ui.s16.x86_64		
glite-ce-monitor-Client-api-c	x86_64	1.15.1-2.s16
EMI.emi-ui.s16.x86_64		
glite-jdl-api-cpp	x86_64	3.4.1-2.s16
EMI.emi-ui.s16.x86_64		
glite-jobid-api-c	x86_64	2.2.7-1.e16
EMI.emi-ui.s16.x86_64		
glite-lb-client	x86_64	6.0.5-1.e16
EMI.emi-ui.s16.x86_64		
glite-lb-client-progs	x86_64	6.0.5-1.e16
EMI.emi-ui.s16.x86_64		
glite-lb-common	x86_64	9.0.5-1.e16
EMI.emi-ui.s16.x86_64		
glite-lbjp-common-gsoap-plugin	x86_64	3.2.7-1.e16
EMI.emi-ui.s16.x86_64		
glite-lbjp-common-gss	x86_64	3.2.11-1.e16
EMI.emi-ui.s16.x86_64		
glite-lbjp-common-trio	x86_64	2.3.8-1.e16
EMI.emi-ui.s16.x86_64		
glite-wms-brokerinfo-access	x86_64	3.5.0-3.s16
EMI.emi-ui.s16.x86_64		
glite-wms-brokerinfo-access-lib	x86_64	3.5.0-3.s16
EMI.emi-ui.s16.x86_64		
glite-wms-ui-api-python	x86_64	3.5.0-3.s16
EMI.emi-ui.s16.x86_64		
glite-wms-ui-commands	x86_64	3.5.0-3.s16
EMI.emi-ui.s16.x86_64		
glite-wms-utils-classad	x86_64	3.4.1-1.s16
EMI.emi-ui.s16.x86_64		
glite-wms-utils-exception	x86_64	3.4.1-1.s16
EMI.emi-ui.s16.x86_64		
glite-wms-wmproxy-api-cpp	x86_64	3.5.0-3.s16
EMI.emi-ui.s16.x86_64		
glite-yaim-clients	noarch	5.2.0-1.s16
EMI.emi-ui.s16.x86_64		
glite-yaim-core	noarch	5.1.1-1.s16
EMI.emi-ui.s16.x86_64		
globus-common	i686	14.9-1.e16
epel		
globus-common	x86_64	14.9-1.e16
epel		
globus-gsi-callback	i686	4.4-1.e16
epel		
globus-gsi-callback	x86_64	4.4-1.e16
epel		
gridsite-commands	x86_64	2.0.4-1.e16
EMI.emi-ui.s16.x86_64		
gridsite-libs	x86_64	2.0.4-1.e16
EMI.emi-ui.s16.x86_64		
myproxy	x86_64	5.9-2.e16
epel		
myproxy-libs	x86_64	5.9-2.e16
epel		

```
=====
```

nordugrid-arc		x86_64	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	1.5 M		
nordugrid-arc-client		x86_64	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	446 k		
nordugrid-arc-java		x86_64	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	843 k		
nordugrid-arc-plugins-globus		x86_64	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	201 k		
nordugrid-arc-plugins-needed		x86_64	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	1.2 M		
nordugrid-arc-python		x86_64	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	2.2 M		
storm-srm-client		x86_64	1.6.0-7.el6
EMI.emi-ui.sl6.x86_64	323 k		
unicore-hila-shell		noarch	2.4.0-1.sl6
EMI.emi-ui.sl6.x86_64	3.5 M		
unicore-hila-unicore6		noarch	2.4.0-1.sl6
EMI.emi-ui.sl6.x86_64	23 M		
unicore-ucc6		noarch	6.0.0-0.sl6
EMI.emi-ui.sl6.x86_64	33 M		
voms		i386	2.0.10-1.el6
EMI.emi-ui.sl6.x86_64	140 k		
voms		x86_64	2.0.10-1.el6
EMI.emi-ui.sl6.x86_64	136 k		
voms-clients		x86_64	2.0.10-1.el6
epel			
xrootd-libs		x86_64	1:3.2.7-1.el6
EMI.emi-ui.sl6.x86_64	836 k		
Installing for dependencies:			
bouncycastle-mail		noarch	1.46-1.sl6
EMI.emi-ui.sl6.x86_64	468 k		
canl-c		x86_64	2.0.9-1.el6
EMI.emi-ui.sl6.x86_64	63 k		
canl-java		noarch	1.1.0-2.sl6
EMI.emi-ui.sl6.x86_64	261 k		
gfal2-devel		x86_64	2.1.0-2.el6
EMI.emi-ui.sl6.x86_64	25 k		
gfal2-doc		x86_64	2.1.0-2.el6
EMI.emi-ui.sl6.x86_64	90 k		
jakarta-commons-io		noarch	1.4-3.el6
sl			
libattr-devel		x86_64	2.4.44-7.el6
sl			
nordugrid-arc-client-tools		noarch	1.0.6-1.el6
EMI.emi-ui.sl6.x86_64	3.4 k		
nordugrid-arc-plugins-gfal		x86_64	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	41 k		
nordugrid-arc-plugins-xrootd		x86_64	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	30 k		
unicore-hila-emi-es		noarch	2.4.0-1.sl6
EMI.emi-ui.sl6.x86_64	25 M		
unicore-hila-gridftp		noarch	2.4.0-1.sl6
EMI.emi-ui.sl6.x86_64	7.1 M		
voms-api-java3		noarch	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	118 k		
voms-clients3		noarch	3.0.0-1.el6
EMI.emi-ui.sl6.x86_64	124 k		

Transaction Summary

```

=====
Install      15 Package(s)
Upgrade      46 Package(s)

```

Total download size: 107 M

Transaction Check Error:

```

file /usr/bin/voms-proxy-destroy conflicts between attempted installs of voms-clients3-3.0.0-1.el6.noarch and voms-clients-2.0.10-1.el6.x86_64
file /usr/bin/voms-proxy-info conflicts between attempted installs of voms-clients3-3.0.0-1.el6.noarch and voms-clients-2.0.10-1.el6.x86_64
file /usr/bin/voms-proxy-init conflicts between attempted installs of voms-clients3-3.0.0-1.el6.noarch and voms-clients-2.0.10-1.el6.x86_64
file /usr/share/man/man1/voms-proxy-destroy.1.gz conflicts between attempted installs of voms-clients3-3.0.0-1.el6.noarch and voms-clients-2.0.10-1.el6.x86_64
file /usr/share/man/man1/voms-proxy-info.1.gz conflicts between attempted installs of voms-clients3-3.0.0-1.el6.noarch and voms-clients-2.0.10-1.el6.x86_64
file /usr/share/man/man1/voms-proxy-init.1.gz conflicts between attempted installs of voms-clients3-3.0.0-1.el6.noarch and voms-clients-2.0.10-1.el6.x86_64

```

Upgrade does not work, workaround:

```

# yum remove voms-clients
# yum install emi-ui
# yum update

```

```

TESTING
=====

```

```

$ voms-proxy-init --voms ops.vo.ibergrid.eu

```

```

Enter GRID pass phrase for this identity:
Contacting test10.egi.cesga.es:15000 [/DC=es/DC=irisgrid/O=cesga/CN=host/test10.egi.cesga.es] "ops.vo.ibergrid.eu"...
Remote VOMS server contacted succesfully.

```

Created proxy in /tmp/x509up\_u500.

Your proxy is valid until Thu Mar 21 04:56:34 CET 2013

```
[asimon@test13 ~]$ voms-proxy-info --all
```

```
subject   : /DC=es/DC=irisgrid/O=rediris-test-egi-cesga-sha-2/CN=alvaro.simon/CN=proxy
issuer    : /DC=es/DC=irisgrid/O=rediris-test-egi-cesga-sha-2/CN=alvaro.simon
identity  : /DC=es/DC=irisgrid/O=rediris-test-egi-cesga-sha-2/CN=alvaro.simon
type      : full legacy globus proxy
strength  : 1024
path      : /tmp/x509up_u500
timeleft  : 11:59:51
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO ops.vo.ibergrid.eu extension information ===
VO        : ops.vo.ibergrid.eu
subject   : /DC=es/DC=irisgrid/O=rediris-test-egi-cesga-sha-2/CN=alvaro.simon
issuer    : /DC=es/DC=irisgrid/O=cesga/CN=host/test10.egi.cesga.es
attribute : /ops.vo.ibergrid.eu/Role=NULL/Capability=NULL
timeleft  : 11:59:50
uri       : test10.egi.cesga.es:15000
```

```
$ glite-ce-delegate-proxy -e test06.egi.cesga.es asimon
```

```
Proxy with delegation id [asimon] succesfully delegated to endpoint [test06.egi.cesga.es]
```

```
$ glite-ce-job-submit -D asimon -r test06.egi.cesga.es:8443/cream-pbs-GRID_opsibeu testCREAM.jdl
```

```
https://test06.egi.cesga.es:8443/CREAM074208958
```

```
$ glite-ce-job-status -L 2 https://test06.egi.cesga.es:8443/CREAM074208958
```

```
***** JobID=[https://test06.egi.cesga.es:8443/CREAM074208958]
Current Status = [DONE-OK]
Working Dir    = [[reserved]]
ExitCode       = [0]
Grid JobID    = [N/A]
LRMS Abs JobID = [[reserved]]
LRMS JobID    = [[reserved]]
Deleg Proxy ID = [asimon]
DelegProxyInfo = [[ isRFC="false"; valid from="3/20/13 3:58 PM (GMT)"; valid to="3/21/13 3:56 AM (GMT)";
holder DN="CN=alvaro.simon,O=rediris-test-egi-cesga-sha-2,DC=irisgrid,DC=es"; holder AC
issuer="CN=proxy,CN=proxy,CN=alvaro.simon,O=rediris-test-egi-cesga-sha-2,DC=irisgrid,DC=es"; VO="ops.vo.ibergrid.eu";
AC issuer="CN=host/test10.egi.cesga.es,O=cesga,DC=irisgrid,DC=es"; VOMS attributes={
/ops.vo.ibergrid.eu/Role=NULL/Capability=NULL } ]]
Worker Node    = [test15.egi.cesga.es]
Local User     = [opsibeu001]
CREAM ISB URI  =
[gsiftp://test06.egi.cesga.es/var/cream_sandbox/opsibeu/CN_alvaro_simon_O_rediris_test_egi_cesga_sha_2_DC_irisgrid_DC_
es_ops_vo_ibergrid_eu_Role_NULL_Capability_NULL_opsibeu001/07/CREAM074208958/ISB]
CREAM OSB URI  =
[gsiftp://test06.egi.cesga.es/var/cream_sandbox/opsibeu/CN_alvaro_simon_O_rediris_test_egi_cesga_sha_2_DC_irisgrid_DC_
es_ops_vo_ibergrid_eu_Role_NULL_Capability_NULL_opsibeu001/07/CREAM074208958/OSB]
JDL            = [[ BatchSystem = "pbs"; QueueName = "GRID_opsibeu"; Executable = "/bin/hostname" ]]
Type          = [normal]
```

```
Job status changes:
```

```
-----
Status      = [REGISTERED] - [Wed 20 Mar 2013 17:04:28] (1363795468)
Status      = [PENDING] - [Wed 20 Mar 2013 17:04:28] (1363795468)
Status      = [RUNNING] - [Wed 20 Mar 2013 17:04:30] (1363795470)
Status      = [REALLY-RUNNING] - [Wed 20 Mar 2013 17:04:30] (1363795470)
Status      = [DONE-OK] - [Wed 20 Mar 2013 17:04:30] (1363795470)
```

```
Issued Commands:
```

```
-----
*** Command Name      = [JOB_REGISTER]
Command Category     = [JOB_MANAGEMENT]
Command Status       = [SUCCESSFULL]
Creation Time        = [Wed 20 Mar 2013 17:04:28] (1363795468)
Start Scheduling Time = [Wed 20 Mar 2013 17:04:28] (1363795468)
Start Processing Time = [Wed 20 Mar 2013 17:04:28] (1363795468)
Execution Completed Time = [Wed 20 Mar 2013 17:04:28] (1363795468)
```

```
*** Command Name      = [JOB_START]
Command Category     = [JOB_MANAGEMENT]
Command Status       = [CREATED]
Creation Time        = [Wed 20 Mar 2013 17:04:28] (1363795468)
Start Scheduling Time = [Wed 20 Mar 2013 17:04:28] (1363795468)
Start Processing Time = [Wed 20 Mar 2013 17:04:28] (1363795468)
```

```
$ voms-proxy-destroy
```

```
$ voms-proxy-init -rfc --voms ops.vo.ibergrid.eu
```

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

```
Contacting test10.egi.cesga.es:15000 [/DC=es/DC=irisgrid/O=cesga/CN=host/test10.egi.cesga.es] "ops.vo.ibergrid.eu"...
```

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

```
Created proxy in /tmp/x509up_u500.
```

```
Your proxy is valid until Thu Mar 21 05:07:13 CET 2013
```

```
[asimon@test13 ~]$ glite-ce-delegate-proxy -e test06.egi.cesga.es asimon5
```

```
Proxy with delegation id [asimon5] succesfully delegated to endpoint [test06.egi.cesga.es]
```

```
[asimon@test13 ~]$ glite-ce-job-submit -D asimon5 -r test06.egi.cesga.es:8443/cream-pbs-GRID_opsibeu testCREAM.jdl
```

```
https://test06.egi.cesga.es:8443/CREAM618660869
```

```
[asimon@test13 ~]$ glite-ce-job-status -L 2 https://test06.egi.cesga.es:8443/CREAM618660869
```

```
***** JobID=[https://test06.egi.cesga.es:8443/CREAM618660869]
Current Status = [DONE-OK]
Working Dir    = [[reserved]]
ExitCode       = [0]
Grid JobID    = [N/A]
LRMS Abs JobID = [[reserved]]
LRMS JobID    = [[reserved]]
```

```
Deleg Proxy ID = [asimon5]
DelegProxyInfo = [[ isRFC="true"; valid from="3/20/13 4:04 PM (GMT)"; valid to="3/21/13 4:07 AM (GMT)"; holder
DN="CN=alvaro.simon,O=rediris-test-egi-cesga-sha-2,DC=irisgrid,DC=es"; holder AC
issuer="CN=proxy,CN=737756035,CN=alvaro.simon,O=rediris-test-egi-cesga-sha-2,DC=irisgrid,DC=es";
VO="ops.vo.ibergrid.eu"; AC issuer="CN=host/test10.egi.cesga.es,O=cesga,DC=irisgrid,DC=es"; VOMS attributes={
/ops.vo.ibergrid.eu/Role=NULL/Capability=NULL } ]]
Worker Node = [test15.egi.cesga.es]
Local User = [opsibeu001]
CREAM ISB URI =
[gsiftp://test06.egi.cesga.es/var/cream_sandbox/opsibeu/CN alvaro_simon_O rediris_test_egi_cesga_sha_2_DC_irisgrid_DC_
es_ops_vo_ibergrid_eu_Role_NULL_Capability_NULL_opsibeu001/61/CREAM618660869/ISB]
CREAM OSB URI =
[gsiftp://test06.egi.cesga.es/var/cream_sandbox/opsibeu/CN alvaro_simon_O rediris_test_egi_cesga_sha_2_DC_irisgrid_DC_
es_ops_vo_ibergrid_eu_Role_NULL_Capability_NULL_opsibeu001/61/CREAM618660869/OSB]
JDL = [[ BatchSystem = "pbs"; QueueName = "GRID_opsibeu"; Executable = "/bin/hostname" ]]
Type = [normal]
```

Job status changes:

```
-----
Status = [REGISTERED] - [Wed 20 Mar 2013 17:09:18] (1363795758)
Status = [PENDING] - [Wed 20 Mar 2013 17:09:18] (1363795758)
Status = [RUNNING] - [Wed 20 Mar 2013 17:09:22] (1363795762)
Status = [REALLY-RUNNING] - [Wed 20 Mar 2013 17:09:22] (1363795762)
Status = [DONE-OK] - [Wed 20 Mar 2013 17:09:22] (1363795762)
```

Issued Commands:

```
-----
*** Command Name = [JOB_REGISTER]
Command Category = [JOB_MANAGEMENT]
Command Status = [SUCCESSFULL]
Creation Time = [Wed 20 Mar 2013 17:09:18] (1363795758)
Start Scheduling Time = [Wed 20 Mar 2013 17:09:18] (1363795758)
Start Processing Time = [Wed 20 Mar 2013 17:09:18] (1363795758)
Execution Completed Time = [Wed 20 Mar 2013 17:09:18] (1363795758)

*** Command Name = [JOB_START]
Command Category = [JOB_MANAGEMENT]
Command Status = [CREATED]
Creation Time = [Wed 20 Mar 2013 17:09:18] (1363795758)
Start Scheduling Time = [Wed 20 Mar 2013 17:09:18] (1363795758)
Start Processing Time = [Wed 20 Mar 2013 17:09:18] (1363795758)
```

**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-ui UMD2-UMD3 Upgrade does not work, workaround:**
  - # yum remove voms-clients
  - # yum install emi-ui
  - # yum update

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

**Comments for TP:**