

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

Name of the component	emi-lsf-utils-2.0.0-1sl5 emi-cream-ce-1.1.0-4.sl5		
Release	UMD2.0	UMD2.0	UMD2.0
Software Provider	EMI2 Matterhorn		
Release Contact	Name:	Name:	Name:
	Cristina Aiftimiei cristina.aiftimiei@pd.infn.it		
Validator	Name:	Name:	Name:
	Traldi Sergio sergio.traldi@pd.infn.it		
Component status	<b>Accepted</b>	<b>Accepted</b>	<b>Accepted</b>
Verification start date	15/07/12	15/07/12	15/07/12

**Summary of Quality Criteria verification:**

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
<b>TP</b>				
<b>VLD</b>	7			7
	Specific Quality Criteria			
<b>TP</b>				
<b>VLD</b>	-			-

	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
<b>Generic QC v1.4</b> <a href="https://documents.egi.eu/document/240">https://documents.egi.eu/document/240</a>			
<b>1. Documentation</b>			
1.1 Functional description	Y		<a href="https://wiki.italiangrid.it/twiki/bin/view/CREAM/FunctionalDescription">https://wiki.italiangrid.it/twiki/bin/view/CREAM/FunctionalDescription</a> <a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2</a>
1.2 Release Notes	Y		<a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2</a> <a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-lsf-module-1">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-lsf-module-1</a>
1.3 User Documentation	Y		<a href="https://wiki.italiangrid.it/twiki/bin/view/CREAM/UserGuideEMI2">https://wiki.italiangrid.it/twiki/bin/view/CREAM/UserGuideEMI2</a>
1.4 Man pages (online help)	Y		<a href="https://wiki.italiangrid.it/twiki/bin/view/CREAM/UserGuideEMI2#Man_pages_for_CREAM_Command_Line">https://wiki.italiangrid.it/twiki/bin/view/CREAM/UserGuideEMI2#Man_pages_for_CREAM_Command_Line</a>

1.5 API documentation	Y		<a href="https://wiki.italiangrid.it/twiki/bin/view/CREAM/DevelopersDocumentation">https://wiki.italiangrid.it/twiki/bin/view/CREAM/DevelopersDocumentation</a>
1.6 Administrator documentation	Y		<a href="https://wiki.italiangrid.it/twiki/bin/view/CREAM/SystemAdministratorGuideForEMI2">https://wiki.italiangrid.it/twiki/bin/view/CREAM/SystemAdministratorGuideForEMI2</a>  http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-lsf-module-1
1.7 Service Reference Card	Y		<a href="http://wiki.italiangrid.org/twiki/bin/view/CREAM/ServiceReferenceCard">http://wiki.italiangrid.org/twiki/bin/view/CREAM/ServiceReferenceCard</a>
<b>2. Software releases</b>	Y		emi-lsf-utils-2.0.0-1.s15  emi-release-2.0.0-1.s15  emi-cream-ce-1.1.0-4.s15
2.1 License	Y		License: Apache License 2.0
2.2 Source code availability	Y		<a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2</a>  <a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-lsf-module-1">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-lsf-module-1</a>
2.3 Build procedures	Y		http://www.eu-emi.eu/emi-2-matterhorn
2.4 Automatic builds	Y		Based on ETICS
2.5 Binary distributions	Y		<a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2</a>  <a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-lsf-module-1">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-lsf-module-1</a>
2.6 New functionalities/bugs	Y		<a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-2</a>  <a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-lsf-module-1">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cream-lsf-module-1</a>
<b>4. Service Management, Monitoring, Traceability</b>	Y		
4.1 Service control and status	Y		<u>[root@cert-37 ~]# date</u>  <u>Mon Jul 23 15:23:44 CEST 2012</u>  <u>[root@cert-37 ~]# service gLite status</u>  <u>*** tomcat5:</u>  <u>/etc/init.d/tomcat5 is already running (10743)</u>  <u>*** glite-lb-locallogger:</u>  <u>glite-lb-logd running as 11092</u>  <u>glite-lb-interlogd running as 11092</u>  <u>*** glite-ce-blahparser:</u>

		<p><u>/etc/init.d/gLite: line 59: /etc/init.d/glite-ce-blahparser: No such file or directory</u></p> <p><u>*** glite-ce-blah-parser:</u></p> <p><u>BNotifier (pid 19170) is running...</u></p> <p><u>BUpdaterLSF (pid 19173) is running...</u></p> <p><u>*** tomcat5:</u></p> <p><u>/etc/init.d/tomcat5 is already running (10743)</u></p>
4.2 Traceability (log files)	Y	<pre>[root@cert-37 ~]# ll /var/log/cream  total 1363104  drwx-wx--- 2 root  tomcat  20480 Jul 23 02:08 accounting -rw-r--r-- 1 tomcat tomcat 3292867 Jul 23 15:23 glite-ce-bnotifier.log -rw-r--r-- 1 tomcat tomcat 10489364 Jul 14 04:01 glite-ce-bnotifier.log.1 -rw-r--r-- 1 tomcat tomcat 10516488 May 30 05:01 glite-ce-bnotifier.log.2 -rw-r--r-- 1 tomcat tomcat 10495065 Apr 20 09:01 glite-ce-bnotifier.log.3 -rw-r--r-- 1 tomcat tomcat  268634 Jul 23 15:23 glite-ce-bupdater.log -rw-r--r-- 1 tomcat tomcat 10485969 Jul 20 13:01 glite-ce-bupdater.log.1 bupdater.log.2 bupdater.log.3 bupdater.log.4 bupdater.log.5 -rw-r--r-- 1 tomcat tomcat 10557075 Jun 28 21:01 glite-ce-bupdater.log.6 -rw-r--r-- 1 tomcat tomcat 10557300 Jun 20 17:01 glite-ce-bupdater.log.7 -rw-r--r-- 1 tomcat tomcat 10513951 Jun  7 12:01 glite-ce-bupdater.log.8 -rw-r--r-- 1 tomcat tomcat 10523439 May 30 03:01 glite-ce- bupdater.log.9 -rw-r--r-- 1 tomcat tomcat  850908 Jul 23 15:24 glite-ce-cream.log -rw-r--r-- 1 tomcat tomcat  1024130 Jul 23 13:20 glite-ce-cream.log.1 -rw-r--r-- 1 tomcat tomcat  1024037 Jul 22 11:09 glite-ce-cream.log.11 -rw-r--r-- 1 tomcat tomcat  1024346 Jul 22 08:56 glite-ce-cream.log.12 -rw-r--r-- 1 tomcat tomcat  1024116 Jul 22 06:42 glite-ce-cream.log.13 -rw-r--r-- 1 tomcat tomcat  1024533 Jul 22 04:13 glite-ce-cream.log.14</pre>

			-rw-r--r-- 1 tomcat tomcat 1024092 Jul 22 02:03 glite-ce-cream.log.15 -rw-r--r-- 1 tomcat tomcat 1024093 Jul 21 23:54 glite-ce-cream.log.2 -rw-r--r-- 1 tomcat tomcat 1024059 Jul 21 15:22 glite-ce--rw-r--r-- 1 tomcat tomcat 1024133 Jul 23 06:59 glite-ce-cream.log.3 -rw-r--r-- 1 tomcat tomcat 1024266 Jul 23 04:04 glite-ce-cream.log.4 -rw-r--r-- 1 tomcat tomcat 1024121 Jul 23 01:28 glite-ce-cream.log.5 -rw-r--r-- 1 tomcat tomcat 1024407 Jul 22 22:46 glite-ce-cream.log.6 -rw-r--r-- 1 tomcat tomcat 1024323 Jul 22 20:00 glite-ce-cream.log.7 -rw-r--r-- 1 tomcat tomcat 1024243 Jul 22 17:41 glite-ce-cream.log.8 -rw-r--r-- 1 tomcat tomcat 1025885 Jul 22 15:37 glite-ce-cream.log.9 -rw-r--r-- 1 tomcat tomcat 508501 Jul 19 15:21 glite-ce-monitor.log -rw-r--r-- 1 tomcat tomcat 1024051 Jul 19 14:20 glite-ce-monitor.log.1 -rw-r--r-- 1 tomcat tomcat 1024154 Jul 19 12:48 glite-ce-monitor.log.2 -rw-r--r-- 1 tomcat tomcat 1024102 Jul 19 11:16 glite-ce-monitor.log.3 -rw-r--r-- 1 tomcat tomcat 1024099 Jul 19 09:34 glite-ce-monitor.log.4 -rw-r--r-- 1 tomcat tomcat 1024203 Jul 19 08:00 glite-ce-monitor.log.5 -rw-r--r-- 1 tomcat tomcat 1024081 Jul 19 06:28 glite-ce-monitor.log.6 -rw-r--r-- 1 tomcat tomcat 1024105 Jul 19 04:55 glite-ce-monitor.log.7 -rw-r--r-- 1 tomcat tomcat 1024156 Jul 19 03:23 glite-ce-monitor.log.8 -rw-r--r-- 1 tomcat tomcat 1024080 Jul 19 01:41 glite-ce-monitor.log.9
4.3 Service monitoring	Y		You have to install CEMonitor <a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cemon-1">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/cemon-1</a>
<b>5. Security</b>			
5.1 World writeable files			
<b>Operations QC (v1.5)</b> <a href="https://documents.egi.eu/document/240">https://documents.egi.eu/document/240</a>			
<b>Nagios</b>			<a href="https://mon-it.cnaf.infn.it/nagios/cgi-bin/status.cgi?host=cert-37.pd.infn.it">https://mon-it.cnaf.infn.it/nagios/cgi-bin/status.cgi?host=cert-37.pd.infn.it</a>

**Summary:**

**EMI-CreamCe + EMI-LSF-utils was installed/updated from EMI repositories without any important issue.**

**Validator comments:**

emi.cream + emi.lsf-utils were installed without problems, the complete list of used repositories from EMI 2 is this:

---

```
[root@cert-37 yum.repos.d]# cat EMI.cream.sl5.x86_64.repo
```

```
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -  
(2206,239,166)
```

```
[root@cert-37 ~]# ll /etc/yum.repos.d/
```

```
-rw-r--r-- 1 root root 200 Feb  4 2011 egi-trustanchors.repo  
-rw-r--r-- 1 root root 253 May 17 04:31 emi2-base.repo  
-rw-r--r-- 1 root root 264 May 17 04:31 emi2-contribs.repo  
-rw-r--r-- 1 root root 273 May 17 04:31 emi2-third-party.repo  
-rw-r--r-- 1 root root 262 May 17 04:31 emi2-updates.repo  
-rw-r--r-- 1 root root 954 Aug 11 2010 epel.repo  
-rw-r--r-- 1 root root 1054 Aug 11 2010 epel-testing.repo  
-rw-r--r-- 1 root root 733 May 11 2010 sl-contrib.repo  
-rw-r--r-- 1 root root 738 May 11 2010 sl-debuginfo.repo  
-rw-r--r-- 1 root root 846 May 11 2010 sl-fastbugs.repo  
-rw-r--r-- 1 root root 773 May 11 2010 sl.repo  
-rw-r--r-- 1 root root 849 May 11 2010 sl-security.repo  
-rw-r--r-- 1 root root 691 May 11 2010 sl-srpms.repo  
-rw-r--r-- 1 root root 757 May 11 2010 sl-testing.repo
```

```
[root@cert-37 ~]# cat /etc/yum.repos.d/emi2-base.repo
```

```
[EMI-2-base]
```

```
name=EMI 2 base
```

```
baseurl=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl5/$basearch/base
```

```
protect=1
```

enabled=1

# To use priorities you must have yum-priorities installed

priority=40

gpgcheck=1

gpgkey=<file:///etc/pki/rpm-gpg/RPM-GPG-KEY-emi>

[root@cert-37 ~]# cat /etc/yum.repos.d/emi2-updates.repo

[EMI-2-updates]

name=EMI 2 updates

baseurl=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/s15/\$basearch/updates

protect=1

enabled=1

# To use priorities you must have yum-priorities installed

priority=40

gpgcheck=1

gpgkey=<file:///etc/pki/rpm-gpg/RPM-GPG-KEY-emi>

[root@cert-37 ~]# cat /etc/yum.repos.d/emi2-third-party.repo

[EMI-2-third-party]

name=EMI 2 third-party

baseurl=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/s15/\$basearch/third-party

protect=1

enabled=1

# To use priorities you must have yum-priorities installed

priority=40

gpgcheck=1

gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-emi

```
[root@cert-37 yum.repos.d]# cat egi-trustanchors.repo
```

```
[EGI-trustanchors]
```

```
name=EGI-trustanchors
```

```
baseurl=http://repository.egi.eu/sw/production/cas/1/current/
```

```
gpgkey=http://repository.egi.eu/sw/production/cas/1/GPG-KEY-EUGridPMA-RPM-3
```

```
gpgcheck=1
```

```
enabled=1
```

```
protect=1
```

---

```
[root@cert-37 yum.repos.d]# cat epel.repo
```

```
[epel]
```

```
name=epel
```

```
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-5&arch=$basearch
```

```
protect=0
```

```
enabled=1
```

```
priority=40
```

```
[root@cert-37 yum.repos.d]# cat epel-testing.repo
```

```
[epel-testing]
```

```
name=Extra Packages for Enterprise Linux 5 - Testing - $basearch
```

```
#baseurl=http://download.fedoraproject.org/pub/epel/testing/5/$basearch
```

```
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=testing-epel5&arch=$basearch
```

```
failovermethod=priority
```

```
enabled=0
```

```
gpgcheck=1
```

```
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL
```

```
[epel-testing-debuginfo]
```

```
name=Extra Packages for Enterprise Linux 5 - Testing - $basearch - Debug
```

```
#baseurl=http://download.fedoraproject.org/pub/epel/testing/5/$basearch/debug
```

mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=testing-debug-epel5&arch=\$basearch

failovermethod=priority

enabled=0

gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL

gpgcheck=1

[epel-testing-source]

name=Extra Packages for Enterprise Linux 5 - Testing - \$basearch - Source

#baseurl=http://download.fedoraproject.org/pub/epel/testing/5/SRPMS

mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=testing-source-epel5&arch=\$basearch

failovermethod=priority

enabled=0

gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL

gpgcheck=1

---

## **INSTALLATION/UPDATE:**

Installed packages for the CreamCE installation:

yum update

Installed packages:

Jul 19 14:49:13 Installed: emi-release-2.0.0-1.sl5.noarch

Jul 19 14:59:40 Installed: jakarta-commons-lang-2.1-5jpp.1.x86\_64

Jul 19 14:59:42 Installed: jclassads-2.4.0-2.sl5.noarch

Jul 19 14:59:46 Installed: emi-version-2.0.0-1.sl5.x86\_64

Jul 19 14:59:50 Installed: argus-pep-common-2.2.0-1.sl5.noarch



Jul 19 14:59:53 Installed: info-dynamic-scheduler-lsf-2.1.8-4.el5.noarch

Jul 19 15:00:05 Installed: axis2-1.6.1-1.emi.noarch

Jul 19 15:00:08 Installed: jakarta-commons-cli-1.0-6jpp\_10.el5.x86\_64

Jul 19 15:00:11 Installed: voms-api-java-2.0.8-1.el5.noarch

Jul 19 15:00:14 Installed: argus-pep-api-java-2.1.0-1.sl5.noarch

Jul 19 15:00:17 Installed: glite-ce-common-java-1.14.0-4.sl5.noarch

Jul 19 15:00:20 Installed: glite-jdl-api-java-3.2.0-3.sl5.noarch

Jul 19 15:00:21 Installed: kill-stale-ftp-1.0.1-1.sl5.noarch

Jul 19 15:00:23 Installed: lrms-python-generic-2.2.1-2.sl5.noarch

Jul 19 15:00:27 Installed: dynsched-generic-2.4.0-3.sl5.noarch

Jul 19 15:00:31 Installed: emi-trustmanager-axis-2.0.2-1.sl5.noarch

Jul 19 15:00:38 Installed: emi-delegation-java-2.2.0-2.sl5.noarch

Jul 19 15:00:43 Installed: glite-ce-cream-api-java-1.14.0-4.sl5.noarch

Jul 19 15:00:53 Installed: glite-ce-cream-core-1.14.0-4.sl5.noarch

Jul 19 15:02:17 Installed: glite-ce-cream-es-1.14.0-4.sl5.noarch

Jul 19 15:02:58 Installed: glite-ce-cream-1.14.0-4.sl5.noarch

Jul 19 15:03:00 Installed: glite-ce-job-plugin-1.14.0-4.sl5.noarch

Jul 19 15:03:00 Installed: emi-cream-ce-1.1.0-4.sl5.x86\_64

Jul 19 15:03:01 Installed: emi-lsf-utils-2.0.0-1.sl5.x86\_64

Jul 19 15:03:01 Erased: glite-info-dynamic-scheduler-lsf

Jul 19 15:03:03 Erased: lcg-info-dynamic-scheduler-generic

Jul 19 15:09:59 Updated: glite-yaim-core-5.1.0-1.sl5.noarch

Jul 19 15:10:02 Updated: selinux-policy-2.4.6-316.el5\_7.1.noarch

Jul 19 15:10:08 Updated: tzdata-2012c-1.el5.x86\_64

Jul 19 15:11:08 Updated: glibc-common-2.5-81.el5\_8.1.x86\_64

Jul 19 15:11:59 Updated: glibc-2.5-81.el5\_8.1.x86\_64

Jul 19 15:12:03 Installed: globus-common-14.5-4.el5.x86\_64

Jul 19 15:12:09 Updated: globus-xio-3.2-2.el5.x86\_64

Jul 19 15:12:18 Updated: krb5-libs-1.6.1-70.el5.x86\_64

Jul 19 15:12:26 Updated: openssl-0.9.8e-22.el5\_8.4.x86\_64

Jul 19 15:12:30 Updated: globus-gsi-openssl-error-2.1-2.el5.x86\_64

Jul 19 15:12:33 Updated: globus-gsi-sysconfig-5.1-2.el5.x86\_64

Jul 19 15:12:36 Updated: globus-gsi-proxy-ssl-4.1-2.el5.x86\_64

Jul 19 15:12:40 Updated: globus-openssl-module-3.1-2.el5.x86\_64

Jul 19 15:12:44 Updated: globus-gsi-cert-utils-8.1-2.el5.x86\_64

Jul 19 15:12:47 Updated: globus-gsi-callback-4.1-2.el5.x86\_64

Jul 19 15:12:51 Updated: globus-gsi-credential-5.1-2.el5.x86\_64

Jul 19 15:12:54 Updated: nspr-4.9.1-4.el5\_8.x86\_64

Jul 19 15:12:57 Updated: globus-gsi-proxy-core-6.1-2.el5.x86\_64

Jul 19 15:13:00 Updated: globus-gssapi-gsi-10.2-2.el5.x86\_64

Jul 19 15:13:06 Updated: nss-3.13.5-4.el5\_8.x86\_64

Jul 19 15:13:09 Updated: globus-callout-2.1-2.el5.x86\_64

Jul 19 15:13:12 Updated: globus-gss-assist-8.1-2.el5.x86\_64

Jul 19 15:13:17 Updated: globus-gssapi-error-4.1-2.el5.x86\_64

Jul 19 15:13:21 Updated: poprt-1.10.2.3-28.el5\_8.x86\_64

Jul 19 15:13:25 Updated: expat-1.95.8-11.el5\_8.x86\_64

Jul 19 15:13:28 Updated: voms-2.0.8-1.el5.x86\_64

Jul 19 15:13:31 Updated: lcmaps-1.5.5-1.el5.x86\_64

Jul 19 15:13:36 Updated: globus-xio-gsi-driver-2.1-2.el5.x86\_64

Jul 19 15:13:40 Updated: libxml2-2.6.26-2.1.15.el5\_8.2.x86\_64

Jul 19 15:13:46 Updated: lcas-1.3.18-2.el5.x86\_64

Jul 19 15:14:08 Updated: util-linux-2.13-0.59.el5.x86\_64

Jul 19 15:14:13 Updated: globus-io-9.2-2.el5.x86\_64

Jul 19 15:14:16 Updated: globus-gridmap-callout-error-1.2-2.el5.x86\_64

Jul 19 15:14:19 Updated: glite-lbjp-common-gss-3.1.3-2.el5.x86\_64

Jul 19 15:14:21 Updated: globus-usage-3.1-2.el5.x86\_64

Jul 19 15:14:22 Updated: globus-gfork-3.1-2.el5.x86\_64

Jul 19 15:14:23 Updated: freetype-2.2.1-31.el5\_8.1.x86\_64

Jul 19 15:14:23 Updated: glite-lbjp-common-trio-2.2.2-3.el5.x86\_64

Jul 19 15:14:24 Updated: 2:libpng-1.2.10-17.el5\_8.x86\_64

Jul 19 15:14:24 Updated: glite-jobid-api-c-2.1.2-2.el5.x86\_64

Jul 19 15:14:24 Updated: gnutls-1.4.1-7.el5\_8.2.x86\_64

Jul 19 15:14:25 Updated: globus-ftp-control-4.2-2.el5.x86\_64

Jul 19 15:14:25 Updated: globus-authz-callout-error-2.1-2.el5.x86\_64

Jul 19 15:14:25 Updated: globus-authz-2.1-2.el5.x86\_64

Jul 19 15:14:30 Updated: tomcat5-servlet-2.4-api-5.5.23-0jpp.31.el5\_8.x86\_64

Jul 19 15:14:31 Updated: glite-lb-common-8.1.3-3.el5.x86\_64

Jul 19 15:14:32 Installed: gridsite-libs-1.7.21-2.el5.x86\_64

Jul 19 15:14:35 Updated: mysql-5.0.95-1.el5\_7.1.x86\_64

Jul 19 15:14:36 Updated: argus-pep-api-c-2.1.0-3.sl5.x86\_64

Jul 19 15:14:36 Updated: 30:bind-libs-9.3.6-20.P1.el5\_8.1.x86\_64

Jul 19 15:14:37 Updated: globus-xio-pipe-driver-2.1-2.el5.x86\_64

Jul 19 15:14:37 Updated: globus-gridftp-server-control-2.3-2.el5.x86\_64

Jul 19 15:14:38 Updated: glite-lbjp-common-log-1.2.0-5.el5.x86\_64

Jul 19 15:14:40 Updated: libtiff-3.8.2-15.el5\_8.x86\_64

Jul 19 15:14:41 Updated: 1:cups-libs-1.3.7-30.el5.x86\_64

Jul 19 15:14:51 Updated: xulrunner-10.0.6-2.el5\_8.x86\_64

Jul 19 15:14:57 Updated: tomcat5-jasper-5.5.23-0jpp.31.el5\_8.x86\_64

Jul 19 15:15:00 Updated: 1:busybox-1.2.0-13.el5.x86\_64

Jul 19 15:15:45 Updated: 2000:jdk-1.6.0\_33-fcs.x86\_64

Jul 19 15:15:53 Updated: tzdata-java-2012c-1.el5.x86\_64

Jul 19 15:16:34 Updated: 1:java-1.6.0-openjdk-1.6.0.0-1.27.1.10.8.el5\_8.x86\_64

Jul 19 15:16:42 Updated: emi-trustmanager-3.1.3-1.sl5.noarch

Jul 19 15:16:45 Updated: glite-apel-core-2.0.14-5.sl5.noarch

Jul 19 15:16:49 Updated: sl-release-5.5-2.x86\_64

Jul 19 15:17:08 Updated: initscripts-8.45.42-1.el5.x86\_64

Jul 19 15:17:29 Updated: tomcat5-server-lib-5.5.23-0jpp.31.el5\_8.x86\_64

Jul 19 15:17:54 Updated: globus-gridftp-server-6.5-4.1.el5.x86\_64

Jul 19 15:17:57 Updated: argus-gsi-pep-callout-1.2.2-1.sl5.x86\_64

Jul 19 15:18:03 Updated: tomcat5-jsp-2.0-api-5.5.23-0jpp.31.el5\_8.x86\_64

Jul 19 15:18:10 Updated: tomcat5-common-lib-5.5.23-0jpp.31.el5\_8.x86\_64

Jul 19 15:18:13 Updated: lcas-lcmaps-gt4-interface-0.2.1-4.el5.x86\_64

Jul 19 15:18:17 Updated: lcmaps-plugins-verify-proxy-1.5.2-1.el5.x86\_64

Jul 19 15:18:23 Updated: 1:libvorbis-1.1.2-3.el5\_7.6.x86\_64

Jul 19 15:18:32 Updated: xorg-x11-server-Xorg-1.1.1-48.90.el5.x86\_64

Jul 19 15:18:34 Installed: emi-trustmanager-axis2-1.0.1-1.sl5.noarch

Jul 19 15:18:34 Installed: glite-ce-monitor-api-java-1.14.0-4.sl5.noarch

Jul 19 15:18:37 Updated: tomcat5-5.5.23-0jpp.31.el5\_8.x86\_64

Jul 19 15:18:37 Updated: globus-gridftp-server-progs-6.5-4.1.el5.x86\_64

Jul 19 15:19:01 Updated: 1:cups-1.3.7-30.el5.x86\_64

Jul 19 15:19:05 Updated: 4:vixie-cron-4.1-81.el5.x86\_64

Jul 19 15:19:20 Updated: 1:java-1.6.0-openjdk-devel-1.6.0.0-1.27.1.10.8.el5\_8.x86\_64

Jul 19 15:19:28 Updated: kexec-tools-1.102pre-154.el5.x86\_64

Jul 19 15:19:52 Updated: yelp-2.16.0-29.el5.x86\_64

Jul 19 15:19:56 Updated: glite-lb-logger-2.3.4-2.el5.x86\_64

Jul 19 15:20:03 Updated: 30:bind-utils-9.3.6-20.P1.el5\_8.1.x86\_64

Jul 19 15:20:15 Updated: mysql-server-5.0.95-1.el5\_7.1.x86\_64

Jul 19 15:20:19 Updated: lcas-plugins-voms-1.3.10-1.el5.x86\_64

Jul 19 15:20:28 Updated: krb5-workstation-1.6.1-70.el5.x86\_64

Jul 19 15:20:31 Updated: lcas-plugins-basic-1.3.6-1.el5.x86\_64

Jul 19 15:20:36 Updated: lcms-plugins-voms-1.5.3-1.el5.x86\_64

Jul 19 15:20:41 Updated: glexec-0.9.6-1.el5.x86\_64

Jul 19 15:20:48 Updated: voms-clients-2.0.8-1.el5.x86\_64

Jul 19 15:20:54 Updated: globus-proxy-utils-5.0-2.el5.x86\_64

Jul 19 15:21:02 Updated: nss-tools-3.13.5-4.el5\_8.x86\_64

Jul 19 15:21:09 Updated: xorg-x11-server-Xnest-1.1.1-48.90.el5.x86\_64

Jul 19 15:21:15 Updated: glite-ce-cream-utils-1.2.0-4.sl5.x86\_64

Jul 19 15:21:18 Updated: lcms-plugins-basic-1.5.0-3.el5.x86\_64

Jul 19 15:21:21 Updated: lcas-plugins-check-executable-1.2.4-1.el5.x86\_64

Jul 19 15:21:26 Updated: nscd-2.5-81.el5\_8.1.x86\_64

Jul 19 15:21:30 Updated: glite-ce-blahp-1.18.0-4.sl5.x86\_64

Jul 19 15:21:35 Updated: sudo-1.7.2p1-14.el5\_8.x86\_64

Jul 19 15:22:00 Updated: glite-ce-monitor-1.14.0-4.sl5.noarch

Jul 19 15:22:03 Updated: glite-ce-ce-plugin-1.14.0-4.sl5.noarch

Jul 19 15:22:48 Installed: kernel-2.6.18-308.11.1.el5.x86\_64

Jul 19 15:22:49 Updated: glite-apel-lsf-2.0.10-12.sl5.noarch

Jul 19 15:22:49 Updated: emi-trustmanager-tomcat-3.0.1-1.sl5.noarch

Jul 19 15:23:16 Updated: selinux-policy-targeted-2.4.6-316.el5\_7.1.noarch

Jul 19 15:23:20 Updated: glite-yaim-lsf-utils-5.0.0-2.sl5.x86\_64

Jul 19 15:23:25 Updated: glite-ce-yaim-cream-ce-4.3.0-4.sl5.noarch

Jul 19 15:23:27 Updated: lcg-info-dynamic-software-1.0.7-1.sl5.noarch

Jul 19 15:23:31 Updated: glite-info-provider-service-1.8.1-2.el5.noarch

Jul 19 15:23:35 Updated: glite-yaim-bdii-4.3.9-1.el5.noarch

Jul 19 15:23:37 Updated: lcg-CA-1.48-1.noarch

Jul 19 15:24:15 Updated: glibc-2.5-81.el5\_8.1.i686

Jul 19 15:24:20 Updated: krb5-libs-1.6.1-70.el5.i386

Jul 19 15:24:25 Updated: nspr-4.9.1-4.el5\_8.i386

Jul 19 15:24:31 Updated: nss-3.13.5-4.el5\_8.i386

Jul 19 15:24:40 Updated: openssl-0.9.8e-22.el5\_8.4.i686

Jul 19 15:24:43 Updated: expat-1.95.8-11.el5\_8.i386

Jul 19 15:24:47 Updated: python-2.4.3-46.el5\_8.2.x86\_64

Jul 19 15:24:51 Updated: rpm-libs-4.4.2.3-28.el5\_8.x86\_64

Jul 19 15:25:18 Updated: python-libs-2.4.3-46.el5\_8.2.x86\_64

Jul 19 15:25:25 Updated: libxml2-python-2.6.26-2.1.15.el5\_8.2.x86\_64

Jul 19 15:25:39 Updated: rpm-4.4.2.3-28.el5\_8.x86\_64

Jul 19 15:25:52 Updated: 1:nfs-utils-1.0.9-60.el5.x86\_64

Jul 19 15:26:30 Updated: bdii-5.2.10-1.el5.noarch

Jul 19 15:26:42 Updated: sos-1.7-9.62.el5.noarch

Jul 19 15:26:45 Updated: rpm-python-4.4.2.3-28.el5\_8.x86\_64

Jul 19 15:30:15 Erased: globus-libtool

Jul 19 15:30:16 Erased: globus-openssl

Jul 19 15:31:05 Erased: gridsite-shared

Jul 19 15:34:30 Updated: voms-2.0.8-1.el5.x86\_64

## CONFIGURATION

Yaim script was used for CreamCe + LSF-utils configuration, this is the site-info.def:

```
#####
```

```
# General configuration variables #
```

```
#####
```

```
# INFN-PD: local settings
```

```
INSTALL_DIR=/usr/local/nfs/3_2
```

```
MY_DOMAIN=pd.infn.it
```

```
YAIM_LOGGING_LEVEL=DEBUG
```

```
WN_LIST=${INSTALL_DIR}/wn-list.conf.current
```

```
USERS_CONF=${INSTALL_DIR}/users.conf.current
```

```
GROUPS_CONF=${INSTALL_DIR}/groups.conf.current
```

```
MYSQL_PASSWORD=<set but not visible>
```

```
JAVA_LOCATION="/usr/java/latest"
```

```
ENABLE_MPI=no
```

```
#####
```

```
# Site configuration variables #
```

```
#####
```

SITE\_NAME=INFN-PADOVA

SITE\_EMAIL=grid-prod@pd.infn.it  
SITE\_LAT=45.4095

SITE\_LONG=11.886

NTP\_HOSTS\_IP="ntp.pd.infn.it 131.154.1.53 131.154.1.103 pool.ntp.org"

#####  
# CE configuration variables #  
#####

CE\_HOST=cert-37.\$MY\_DOMAIN

#####  
# SubCluster configuration #  
#####

CE\_CPU\_MODEL=XEON

CE\_CPU\_VENDOR=Intel

CE\_CPU\_SPEED=2800

CE\_OS="ScientificSL"

CE\_OS\_RELEASE="5.5"

CE\_OS\_VERSION="Boron"

CE\_OS\_ARCH=x86\_64

CE\_MINPHYSMEM=2048

CE\_MINVIRTMEM=24096



CE\_PHYSCPU=18  
CE\_LOGCPU=112  
CE\_SMPSIZE=6

CE\_SI00=2975

CE\_SF00=2868

CE\_OUTBOUNDIP=TRUE

CE\_INBOUNDIP=FALSE

CE\_RUNTIMEENV=""

LCG-2

LCG-2\_1\_0

LCG-2\_1\_1

LCG-2\_2\_0

LCG-2\_3\_0

LCG-2\_3\_1

LCG-2\_4\_0

LCG-2\_5\_0

LCG-2\_6\_0

LCG-2\_7\_0

GLITE-3\_0\_0

GLITE-3\_1\_0

R-GMA

PADOVA

SI00MeanPerCPU\_1037

SF00MeanPerCPU\_1015

"

CE\_CAPABILITY="CPUScalingReferenceSI00=2505 Share=alice:15 Share=atlas:15  
Share=cms:15 Share=dteam:10 Share=enmr.eu:10 Share=infngrid:10 Share=lhcb:15  
Share=ops:10"

CE\_OTHERDESCR="Cores=6,Benchmark=10.02-HEP-SPEC06"

BASE\_SW\_DIR=/opt/exp\_soft

HOST\_SW\_DIR=prod-mon-01.\$MY\_DOMAIN

#####

# Batch server configuration variables #

#####

BATCH\_SERVER=gw-master.\$MY\_DOMAIN  
JOB\_MANAGER=lcglsf

CE\_BATCH\_SYS=lsf

BATCH\_VERSION=7.0

BATCH\_LOG\_DIR=/var/spool/lsf

BATCH\_BIN\_DIR=/usr/local/lsf/bin

BATCH\_CONF\_DIR=/opt/lsf\_7.0/conf

#####

# APEL configuration variables #

#####

# Database password for the APEL DB.

APEL\_DB\_PASSWORD= <set but not visible>

#####

# RB configuration variables #

#####

RB\_HOST=gridit-rb-01.cnaf.infn.it

#####

# WMS configuration variables #

#####

WMS\_HOST=prod-wms-01.\$MY\_DOMAIN

#####

# myproxy configuration variables #

#####

PX\_HOST=prod-ui-02.\$MY\_DOMAIN

#####

# SE classic configuration variables #

#####

CLASSIC\_STORAGE\_DIR="/flatfiles/SE00"

SE\_HOST= \$DPM\_HOST

#####

# DPM configuration variables #

#####

DPM\_HOST="prod-se-02.\$MY\_DOMAIN"

#####

# BDII configuration variables #

#####

# Hostname of the top level BDII

BDII\_HOST=prod-bdii-01.\$MY\_DOMAIN

SITE\_BDII\_HOST=prod-bdii-02.\$MY\_DOMAIN

BDII\_HTTP\_URL="<http://igi.cnaf.infn.it/fileadmin/bdii/egee-all-sites.conf>"

#####

# ARGUS authorisation framework control #

#####

USE\_ARGUS=no

ARGUS\_PEPD\_ENDPOINTS="http://pepd.example.org:8154/authz"

#####

# VO configuration variables #

#####

VOS="alice atlas cms dteam enmr.eu infngrid lhcb ops"

VO\_SW\_DIR=/opt/exp\_soft

QUEUES="alice atlas cert cms grid lhcb"

#####

# atlas #

#####

VO\_ATLAS\_SW\_DIR=\$VO\_SW\_DIR/atlas

VO\_ATLAS\_DEFAULT\_SE=\$SE\_HOST

VO\_ATLAS\_VOMS\_SERVERS='vomss://voms.cern.ch:8443/voms/atlas?/atlas/'

VO\_ATLAS\_VOMSES=""atlas lcg-voms.cern.ch 15001  
/DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch atlas 24' 'atlas voms.cern.ch  
15001 /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch atlas 24"

VO\_ATLAS\_VOMS\_CA\_DN=""/DC=ch/DC=cern/CN=CERN Trusted Certification  
Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority"

#####

# alice #

#####

VO\_ALICE\_SW\_DIR=\$VO\_SW\_DIR/alice

VO\_ALICE\_DEFAULT\_SE=\$SE\_HOST

VO\_ALICE\_VOMS\_SERVERS='vomss://voms.cern.ch:8443/voms/alice?/alice/'

VO\_ALICE\_VOMSES=""alice lcg-voms.cern.ch 15000  
/DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch alice 24' 'alice voms.cern.ch  
15000 /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch alice 24"

VO\_ALICE\_VOMS\_CA\_DN=""/DC=ch/DC=cern/CN=CERN Trusted Certification  
Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority"

#####

# cms #

#####

VO\_CMS\_SW\_DIR=\$VO\_SW\_DIR/cms

VO\_CMS\_DEFAULT\_SE=t2-srm-02.lnl.infn.it

VO\_CMS\_STORAGE\_DIR=/pnfs/lnl.infn.it/data/cms

VO\_CMS\_VOMS\_SERVERS='vomss://voms.cern.ch:8443/voms/cms?/cms/'

VO\_CMS\_VOMSES=""cms lcg-voms.cern.ch 15002  
/DC=ch/DC=cern/OU=computers/CN=lgc-voms.cern.ch cms 24' 'cms voms.cern.ch  
15002 /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch cms 24""

VO\_CMS\_VOMS\_CA\_DN=""/DC=ch/DC=cern/CN=CERN Trusted Certification  
Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority""

#####

# lhcb #

#####

VO\_LHCB\_SW\_DIR=\$VO\_SW\_DIR/lhcb

VO\_LHCB\_DEFAULT\_SE=\$SE\_HOST

VO\_LHCB\_VOMS\_SERVERS='vomss://voms.cern.ch:8443/voms/lhcb?/lhcb/'

VO\_LHCB\_VOMSES=""lhcb lcg-voms.cern.ch 15003  
/DC=ch/DC=cern/OU=computers/CN=lgc-voms.cern.ch lhcb 24' 'lhcb voms.cern.ch  
15003 /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch lhcb 24""

VO\_LHCB\_VOMS\_CA\_DN=""/DC=ch/DC=cern/CN=CERN Trusted Certification  
Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority""

#####

# dteam #

#####

VO\_DTEAM\_SW\_DIR=\$VO\_SW\_DIR/dteam

VO\_DTEAM\_DEFAULT\_SE=\$SE\_HOST

VO\_DTEAM\_VOMS\_SERVERS='vomss://voms.hellasgrid.gr:8443/voms/dteam?/dtea  
m/'

VO\_DTEAM\_VOMSES=""dteam lcg-voms.cern.ch 15004  
/DC=ch/DC=cern/OU=computers/CN=lgc-voms.cern.ch dteam 24' 'dteam voms.cern.ch  
15004 /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch dteam 24' 'dteam  
voms.hellasgrid.gr 15004  
/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr dteam 24' 'dteam  
voms2.hellasgrid.gr 15004  
/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr dteam 24""

VO\_DTEAM\_VOMS\_CA\_DN="/DC=ch/DC=cern/CN=CERN Trusted Certification Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority'  
'/C=GR/O=HellasGrid/OU=Certification Authorities/CN=HellasGrid CA 2006'  
'/C=GR/O=HellasGrid/OU=Certification Authorities/CN=HellasGrid CA 2006'"

#####

# ops #

#####

VO\_OPS\_SW\_DIR=\$VO\_SW\_DIR/ops

VO\_OPS\_DEFAULT\_SE=\$SE\_HOST

VO\_OPS\_VOMS\_SERVERS="vomss://voms.cern.ch:8443/voms/ops?/ops/"

VO\_OPS\_VOMSES="ops lcg-voms.cern.ch 15009  
/DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch ops 24' 'ops voms.cern.ch  
15009 /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch ops 24'"

VO\_OPS\_VOMS\_CA\_DN="/DC=ch/DC=cern/CN=CERN Trusted Certification Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority'"

#####

# infngrid #

#####

VO\_INFGRID\_SW\_DIR=\$VO\_SW\_DIR/infngrid

VO\_INFGRID\_DEFAULT\_SE=\$SE\_HOST

VO\_INFGRID\_VOMS\_SERVERS="vomss://voms.cnaf.infn.it:8443/voms/infngrid?/  
infngrid' 'vomss://voms-01.pd.infn.it:8443/voms/infngrid?/infngrid'"

VO\_INFGRID\_VOMSES="infngrid voms.cnaf.infn.it 15000  
/C=IT/O=INFN/OU=Host/L=CNAF/CN=voms.cnaf.infn.it infngrid' 'infngrid voms-  
01.pd.infn.it 15000 /C=IT/O=INFN/OU=Host/L=Padova/CN=voms-01.pd.infn.it  
infngrid'"

VO\_INFGRID\_VOMS\_CA\_DN="/C=IT/O=INFN/CN=INFN CA'  
'/C=IT/O=INFN/CN=INFN CA'"

#####

# enmr.eu #

#####

VO\_ENMR\_SW\_DIR=\$VO\_SW\_DIR/enmr  
VO\_ENMR\_DEFAULT\_SE=\$SE\_HOST

VO\_ENMR\_VOMS\_SERVERS=""vomss://voms2.cnaf.infn.it:8443/voms/enmr.eu?/enmr.eu' 'vomss://voms-02.pd.infn.it:8443/voms/enmr.eu?/enmr.eu""

VO\_ENMR\_VOMSES=""enmr.eu voms2.cnaf.infn.it 15014 /C=IT/O=INFN/OU=Host/L=CNAF/CN=voms2.cnaf.infn.it enmr.eu 'enmr.eu voms-02.pd.infn.it 15014 /C=IT/O=INFN/OU=Host/L=Padova/CN=voms-02.pd.infn.it enmr.eu""

VO\_ENMR\_VOMS\_CA\_DN=""/C=IT/O=INFN/CN=INFN CA' /C=IT/O=INFN/CN=INFN CA""

Site BDII, LB and WMS were configured at INFN-Padova site NGI-Italy (prod-bdii-02.pd.infn.it, prod-wms-01.pd.infn.it, prod-lb-01.pd.infn.it)

```
[root@cert-37 yum.repos.d]#/opt/glite/yaim/bin/yaim -d 6 -c -s /usr/local/nfs/emi2/emi-site-info.def.current -n creamCE -n LSF_utils 2>&1 | tee conf_emi_creamCE_LSF.`hostname -s`.date +%Y-%m-%d-%H-%M-%S`.log
```

DEBUG: Checking siteinfo dir is not world readable

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: Checking site-info.def is syntactically correct

.....

DEBUG: BATCH\_ACCT\_DIR is not set but BATCH\_LOG\_DIR is set



DEBUG: Creating APEL parser configuration in /etc/glite-apel-lsf/parser-config.xml

INFO: Executing function: config\_gip\_sched\_plugin\_lsf\_setenv

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

INFO: Executing function: config\_gip\_sched\_plugin\_lsf

[OK]

INFO: Configuration Complete.

INFO: YAIM terminated successfully.

## TESTING

### TEST 1 (ldapsearch)

==== Checking ldap (OK) =====

{{{

```
ldapsearch -x -H ldap://cert-37.pd.infn.it:2170 -b o=grid | grep cream-lsf-cert
```

GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-cert

GlueForeignKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cert

# cert-37.pd.infn.it:8443/cream-lsf-cert, resource, grid

dn: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cert,Mds-Vo-name=resource

GlueCEUniqueID: cert-37.pd.infn.it:8443/cream-lsf-cert

# cert-37.pd.infn.it:8443/cream-lsf-cert, resource, grid

dn: GlueCESEBindGroupCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cert,Mds-Vo-

GlueCESEBindGroupCEUniqueID: cert-37.pd.infn.it:8443/cream-lsf-cert

# ops, cert-37.pd.infn.it:8443/cream-lsf-cert, resource, grid

GlueChunkKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cert

# dteam, cert-37.pd.infn.it:8443/cream-lsf-cert, resource, grid

GlueChunkKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cert

# infngrid, cert-37.pd.infn.it:8443/cream-lsf-cert, resource, grid

```
GlueChunkKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cert
# prod-se-01.pd.infn.it, cert-37.pd.infn.it:8443/cream-lsf-cert, resource, gr
ert-37.pd.infn.it:8443/cream-lsf-cert,Mds-Vo-name=resource,o=grid
GlueCESEBindCEUniqueID: cert-37.pd.infn.it:8443/cream-lsf-cert
# prod-se-02.pd.infn.it, cert-37.pd.infn.it:8443/cream-lsf-cert, resource, gr
ert-37.pd.infn.it:8443/cream-lsf-cert,Mds-Vo-name=resource,o=grid
GlueCESEBindCEUniqueID: cert-37.pd.infn.it:8443/cream-lsf-cert
}}}
```

### **TEST 2 (ldapsearch on site bdii)**

```
{
{
ldapsearch -x -H ldap://prod-bdii-02.pd.infn.it:2170 -b o=grid | grep cert-37.pd.infn.it

# cert-37.pd.infn.it, INFN-PADOVA, grid

dn: GlueClusterUniqueID=cert-37.pd.infn.it,Mds-Vo-name=INFN-PADOVA,o=grid
GlueClusterUniqueID: cert-37.pd.infn.it

GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-alice
GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-atlas
GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-cert
GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-cms
GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-grid
GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-lhcb
GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-cyclops

....
}}}
```

### **TEST 3 (ldapsearch on top bdii)**

```
{
{
ldapsearch -x -H ldap://egee-bdii.cnaf.infn.it:2170 -b o=grid | grep cert-37.pd.infn.it

# cert-37.pd.infn.it, INFN-PADOVA, local, grid
```

dn: GlueClusterUniqueID=cert-37.pd.infn.it,Mds-Vo-name=INFN-PADOVA,Mds-Vo-name

GlueClusterUniqueID: cert-37.pd.infn.it

GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-alice

GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-atlas

GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-cert

GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-cms

GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-grid

GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-lhcb

GlueClusterService: cert-37.pd.infn.it:8443/cream-lsf-cyclops

GlueForeignKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-alice

GlueForeignKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-atlas

GlueForeignKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cert

GlueForeignKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cms

GlueForeignKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-grid

GlueForeignKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-lhcb

GlueForeignKey: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cyclops

GlueClusterName: cert-37.pd.infn.it

GlueInformationServiceURL: ldap://cert-37.pd.infn.it:2170/mds-vo-name=resource

# cert-37.pd.infn.it:8443/cream-lsf-cms, INFN-PADOVA, local, grid

dn: GlueCEUniqueID=cert-37.pd.infn.it:8443/cream-lsf-cms,Mds-Vo-name=INFN-PADO

GlueCEInfoHostName: cert-37.pd.infn.it

GlueCEUniqueID: cert-37.pd.infn.it:8443/cream-lsf-cms

GlueForeignKey: GlueClusterUniqueID=cert-37.pd.infn.it

GlueCEInfoContactString: https://cert-37.pd.infn.it:8443/ce-cream/services

GlueInformationServiceURL: ldap://cert-37.pd.infn.it:2170/mds-vo-name=resource

GlueCEHostingCluster: cert-37.pd.infn.it

...  
}}}

**TEST CREAM FUNCTIONALITY:**

All the command is done using a proxy dteam:

{{{  
-bash-3.2\$ voms-proxy-init -voms dteam

Enter GRID pass phrase:

Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi

Creating temporary proxy ..... Done

Contacting lcg-voms.cern.ch:15004 [/DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch] "dteam" Failed

Error: Error during SSL handshake:

Trying next server for dteam.

Creating temporary proxy ..... Done

Contacting voms2.hellasgrid.gr:15004  
[/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr] "dteam" Done

Creating proxy ..... Done

Your proxy is valid until Tue Jul 24 03:50:48 2012

}}}

**TEST 4 (delegate a proxy)**

{{{  
-bash-3.2\$ glite-ce-delegate-proxy -e cert-37.pd.infn.it testDelegationST

2012-07-23 15:51:24,550 NOTICE - Proxy with delegation id [testDelegationST] successfully delegated to endpoint [https://cert-37.pd.infn.it:8443//ce-cream/services/gridsite-delegation]

}}}

### TEST 5 (renew delegation)

```
{{{  
-bash-3.2$ glite-ce-proxy-renew -e cert-37.pd.infn.it testDelegationST
```

```
2012-07-23 15:52:07,007 NOTICE - Proxy with delegation id [testDelegationST]  
succesfully renewed to endpoint [https://cert-37.pd.infn.it:8443//ce-  
cream/services/gridsite-delegation]
```

```
}}}
```

### TEST 6 (submission a job)

using this JDL:

```
[traldi@prod-ui-02 ~]$ cat testCream1.jdl
```

```
[  
Type = "Job";  
JobType = "Normal";  
Executable = "/bin/sleep";  
Arguments = " 10";  
]
```

```
{{{  
-bash-3.2$ glite-ce-job-submit -r cert-37.pd.infn.it:8443/cream-lsf-cert -a testCream1.jdl
```

```
https://cert-37.pd.infn.it:8443/CREAM029804965
```

```
}}}
```

### TEST 7 (check the status)

```
{{{  
-bash-3.2$ glite-ce-job-status https://cert-37.pd.infn.it:8443/CREAM029804965
```

```
***** JobID=[https://cert-37.pd.infn.it:8443/CREAM029804965]
```

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

```
    ExitCode    = [0]
```

```
}}}
```

### TEST 8 (check the list jobs)

```
{{{  
-bash-3.2$ glite-ce-job-list cert-37.pd.infn.it:8443
```

<https://cert-37.pd.infn.it:8443/CREAM029804965>

<https://cert-37.pd.infn.it:8443/CREAM981323876>

}}}

**Comments for SR:**

**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):**

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

**Comments for TP:**