

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

Name of the component	EMI-CREAM-LSF		
Release	2.0.2	RT Ticket	#5323 #5322
Software Provider	EMI3		
Release Contact	Name:	E-Mail	
	Cristina Aiftimiei	cristina.aiftimiei@pd.infn.it	
Validator	Name:	E-Mail	
	Sergio Traldi	sergio.traldi@pd.infn.it	
V. Hours Worked	7		
Component status	<b>Verified</b>	Date	23/05/13
Verification start date	20/05/13	Verification end date	23/05/13

**Summary:**  
**No issues found during LSF-utils verification.**

**GGUS Tickets:**  
**None**

**Summary of Quality Criteria verification:**

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

## Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Comments
<b>DOCUMENTATION QC</b>		
GENERIC_DOC_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>
GENERIC_DOC_2 (Release Notes)	Y	<a href="https://savannah.cern.ch/task/?34040">https://savannah.cern.ch/task/?34040</a>
GENERIC_DOC_3 (User Documentation)	Optional	
GENERIC_DOC_4 (Online help (man pages))	Optional	
GENERIC_DOC_5 (API Documentation)	Optional	
GENERIC_DOC_6 (Administrator Documentation)	Y	<a href="https://wiki.italiangrid.it/twiki/bin/view/CREAM/SystemAdministratorGuideForEMI3">https://wiki.italiangrid.it/twiki/bin/view/CREAM/SystemAdministratorGuideForEMI3</a>
GENERIC_DOC_7 (Service Reference Card)	Y	<a href="https://wiki.italiangrid.it/twiki/bin/view/CREAM/ServiceReferenceCardEMI3">https://wiki.italiangrid.it/twiki/bin/view/CREAM/ServiceReferenceCardEMI3</a>
GENERIC_DOC_8 (Software License)	Y	<a href="https://savannah.cern.ch/task/?34040">https://savannah.cern.ch/task/?34040</a>
GENERIC_DOC_9 (Release changes testing)	Y	<a href="http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-1-04-04-2013-v-3-1-0-1">http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-1-04-04-2013-v-3-1-0-1</a>
<b>SOFTWARE DISTRIBUTION QC</b>		
GENERIC_DIST_1 (Source Code Availability)	Y	<a href="http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-1-04-04-2013-v-3-1-0-1">http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-1-04-04-2013-v-3-1-0-1</a>
GENERIC_DIST_3 (Binary Distribution)	Y	<a href="http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-1-04-04-2013-v-3-1-0-1">http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-1-04-04-2013-v-3-1-0-1</a>
<b>SOFTWARE FEATURES QC</b>		
GENERIC_SOFT_1 (Backwards Compatibility)		
GENERIC_SOFT_2 (New features testing)		
<b>SERVICE CRITERIA QC</b>		
GENERIC_SERVICE_1 (Service control and status)	Y	Tested with several jobs
GENERIC_SERVICE_2 (Log Files)	Y	in /var/log/cream
GENERIC_SERVICE_3 (Service Reliability)	Optional	
GENERIC_SERVICE_4 (Service Robustness)	Optional	
GENERIC_SERVICE_5 (Automatic Configuration)	Optional	
GENERIC_SERVICE_6 (Default Password Configuration)		
GENERIC_SERVICE_7 (Default Configuration )	Y	using yaim
<b>SECURITY QC</b>		
GENERIC_SEC_1 (World Writable Files)		
GENERIC_SEC_3 (Passwords in world readable files)	Y	only in site-info.def not in conf file after configuration
<b>MISCELLANEOUS QC</b>		
GENERIC_MISC_1 (Bug Tracking System)		
<b>AUTHENTICATION QC</b>		
AUTHN_CRED_1 (X509 Certificate support)	Y	look attached files
AUTHN_CRED_2 (SHA2 Certificate support)	Optional	
AUTHN_CRED_3 (RFC Proxy support)	Optional	
AUTHN_PROTO_1 (TLS/SSLv3 Support)		
AUTHN_DELEG_1 (Delegation Interface)	Y	look attached files
<b>AUTHORISATION QC</b>		
AUTHZ_PCYDEF_3 (Ban UserGroup of users)	Y	look attached files
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	look attached files
AUTHZ_PEP_2 (User Mapping)	Y	look attached files
AUTHZ_PEP_3 (Argus Integration)	Optional	
<b>JOB EXECUTION QC</b>		
JOBEXEC_IFACE_1 (Job Execution Interface)	Y	look attached files
JOBEXEC_JOB_1 (Simple Job)	Y	look attached files
JOBEXEC_JOB_2 (Simple Job with input/output files)	Y	look attached files
JOBEXEC_JOB_3 (Cancel Job)	Y	look attached files
JOBEXEC_EXECMNGR_1 (Not Invasive Deployment)	Y	look attached files
JOBEXEC_EXECMNGR_2 (Job Management)	Y	look attached files
JOBEXEC_EXECMNGR_3 (Information Retrieval)	Y	look attached files
JOBEXEC_AVAIL_1 (Service Redundancy)	NA	
JOBEXEC_AVAIL_2 (Self Disabling Mechanism)	Optional	
JOBEXEC_AVAIL_4 (Timely Job Status Updates)	Optional	
<b>PARALLEL JOB QC</b>		
PARALLEL_JOB_1 (Simple parallel job submission)	Y	look attached files
PARALLEL_JOB_2 (Single machine parallel job submission)	Optional	
PARALLEL_JOB_3 (Fine grained mapping parallel job submission)	Optional	
<b>INFORMATION MODEL QC</b>		
INFOMODEL_SCHEMA_1 (GlueSchema Support)	Y	look attached files
INFOMODEL_SCHEMA_2 (Middleware Version Information)	Optional	
INFOMODEL_SCHEMA_3 (GlueSchema 2.0 Support)	Y	look attached files
<b>MONITORING PROBES QC</b>		
MON_PROBE_GENERIC_1 (Certificate Lifetime Probe)	Y	<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>
MON_PROBE_GENERIC_2 (Service Probe)	Y	<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>
MON_PROBE_JOBEXEC_1 (Job Execution Probe)	Y	<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>
MON_PROBE_JOBEXEC_2 (CREAM Job Execution Probe)	Y	<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>
<b>ACCOUNTING CAPABILITY QC</b>		
ACC_JOBEXEC_1 (Job Execution Appliances Accounting)	Y	using DGAS
<b>CLIENT TOOLS QC</b>		
CLIENT_TOOLS_1 (Command line options coherency)	Optional	
CLIENT_TOOLS_2 (Error Messages)	Optional	

**Validator comments:**

**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):**

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

**Comments for TP:**