

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

Name of the component	UNICORE TSI6		
Release	6.1.0	RT Ticket	5224
Software Provider			
Release Contact	Cristina Aiftimiei	cristina.aiftimiei@pd.infn.it	
Validator	Mathilde Romberg	m.romberg@fz-juelich.de	
V. Hours Worked	2		
Component status	<b>Verified</b>	Date	29.04.2013
Verification start date	22.03.2013	Verification end date	26.04.2013

**Summary:**

This version is the same as has been distributed with the last UMD 2 release (TSI6-5.1.0) – so nothing to do.

**GGUS Tickets:**

none

**Summary of Quality Criteria verification:**

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
<b>TP</b>	2			2
<b>VLD</b>	17		2	19
	Specific Quality Criteria			
<b>TP</b>				
<b>VLD</b>	17		1	18

**Quality Criteria verification cheatsheet:**  
 <Insert filled excel cheatsheet>

Criteria	Accepted (Y/N/N)	Tested (TP/VLD)	Comments	RELEASE:	VALIDATOR	RT TICKET:	5224
<b>DOCUMENTATION QC</b>							
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="http://unicore-dev.zam.kfa-juelich.de/documentation/tsi-6.5.1/tsi-manual.html#_overview">http://unicore-dev.zam.kfa-juelich.de/documentation/tsi-6.5.1/tsi-manual.html#_overview</a>	6.1.0	Mathilde Rom		
GENERIC_DOC_2 (Release Notes)	Y	VLD	available, but very brief				
GENERIC_DOC_3 (User Documentation)	NA		TSI is a server component without interface to the end user				
GENERIC_DOC_4 (Online help (man pages))	NA						
GENERIC_DOC_5 (API Documentation)	Y	VLD	<a href="http://unicore-dev.zam.kfa-juelich.de/documentation/tsi-6.5.1/tsi-manual.html#tsi_api">http://unicore-dev.zam.kfa-juelich.de/documentation/tsi-6.5.1/tsi-manual.html#tsi_api</a>				
GENERIC_DOC_6 (Administrator Documenta)	Y	VLD	<a href="http://unicore-dev.zam.kfa-juelich.de/documentation/tsi-6.5.1/tsi-manual.html">http://unicore-dev.zam.kfa-juelich.de/documentation/tsi-6.5.1/tsi-manual.html</a>				
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	<a href="https://wiki.cern.ch/wiki/bin/view/EMIA/UNICORETSISRC">https://wiki.cern.ch/wiki/bin/view/EMIA/UNICORETSISRC</a>				
GENERIC_DOC_8 (Software License)	Y	VLD	BSD				
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	TP					
GENERIC_SOFT_2 (New features testing)	Y	TP	no system with advance reservation available				
<b>SERVICE CRITERIA QC</b>							
GENERIC_SERVICE_1 (Service control and	Y	VLD					
GENERIC_SERVICE_2 (Log Files)	Y	VLD					
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD					
GENERIC_SERVICE_4 (Service Robustness)	Y	VLD					
GENERIC_SERVICE_6 (Default Password C)	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 read)	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					
<b>JOB EXECUTION QC</b>							
JOBEXEC_IFACE_1 (Job Execution Interface)	Y	VLD	OGSA-BES / UNICORE AUS				
JOBEXEC_JOB_1 (Simple Job)	Y	VLD					
JOBEXEC_JOB_2 (Simple Job with inputou)	Y	VLD					
JOBEXEC_JOB_3 (Cancel Job)	Y	VLD					
JOBEXEC_EXECMNGR_1 (Not Invasive Dep)	Y	VLD					
JOBEXEC_EXECMNGR_2 (Job Management)	Y	VLD					
JOBEXEC_EXECMNGR_3 (Information Retri)	Y	VLD					
JOBEXEC_AVAIL_1 (Service Redundancy)	Y	VLD					
JOBEXEC_AVAIL_2 (Self Disabling Mechan)	Optional						
JOBEXEC_AVAIL_4 (Timely Job Status Upd)	Optional						
<b>PARALLEL JOB QC</b>							
PARALLEL_JOB_1 (Simple parallel job subm)	Y	VLD					
PARALLEL_JOB_2 (Single machine parallel)	Y	VLD					
PARALLEL_JOB_3 (Fine grained mapping p)	Y	VLD					
PARALLEL_MPI_1 (Precompiled MPI job Exe)	Y	VLD					
PARALLEL_MPI_2 (MPI job Execution from s)	Y	VLD					
PARALLEL_OMP_1 (Precompiled OpenMP j)	Y	VLD					
PARALLEL_OMP_2 (OpenMP job Execution)	Y	VLD					
<b>MONITORING PROBES QC</b>							
MON_PROBE_GENERIC_2 (Service Probe)	NA	TP					

**Validator comments:**

apt-get install unicore-tsi6 returns “is already the newest version”

The documentation doesn’t provide information on how to upgrade from an older version.

**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:**