

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

Name of the component	EMI.unicore-tsi6.debian-squeeze.amd64-5.0.0		
Release		https://rt.egi.eu/rt/Ticket/Display.html?id=3990	
Software Provider	EMI		
Release Contact	Cristina Aiftimiei	cristina.aiftimiei@pd.infn.it	
Validator	Mathilde Romberg	m.romberg@fz-juelich.de	
V. Hours Worked	10		
Component status	verified	Date 21/06/2012	
Verification start date	04/06/2012	Verification end date	21/06/2012

Summary:

The debian package was installed. For the configuration the major configuration file tsi.properties is missing from the package. I downloaded the core server package <http://sourceforge.net/projects/unicore/files/1%20UNICORE%206%20Servers%20and%20Services/1.1%20Core%20Server/6.5.0/unicore-servers-6.5.0.tgz/download> and extracted the configuration file from there. The service could be configured and is running well.

GGUS Tickets:

https://ggus.eu/tech/ticket_show.php?ticket=83342

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP	2			2
VLD	33		1	34
	Specific Quality Criteria			
TP				
VLD				

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments	RELEASE:	EM#-2	VALIDATOR	Mathilde Ron	RT TICKET	d-3690
DOCUMENTATION QC									
GENERIC_DOC_1 (Functional Description)	Y	VLD	http://unicore-dev.zam.kfa-juelich.de/documentation/tsi-6.5.0tsi-manual.html#_overview						
GENERIC_DOC_2 (Release Notes)	Y	VLD	https://wiki.cern.ch/wiki/View/EM/EM2F/na/UNICORE_TSI6_v_5_0_0_task_24801						
GENERIC_DOC_3 (User Documentation)	NA	VLD	only administrators have to deal with this component						
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	no man pages but html documentation						
GENERIC_DOC_5 (API Documentation)	Y	VLD	http://unicore-dev.zam.kfa-juelich.de/documentation/tsi-6.5.0tsi-manual.html#tsi_api						
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	unicore-dev.zam.kfa-juelich.de/documentation/tsi-6.5.0tsi-manual.html						
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	https://wiki.cern.ch/wiki/View/EM/UNICORETSI6SRC						
GENERIC_DOC_8 (Software License)	Y	VLD	BSD						
GENERIC_DOC_9 (Release changes testing)	Y	VLD	fixed bug tested, new feature to be tested by EAs						
SOFTWARE DISTRIBUTION QC									
GENERIC_DIST_1 (Source Code Availability)	Y	VLD							
GENERIC_DIST_3 (Binary Distribution)	Y	VLD							
SOFTWARE FEATURES QC									
GENERIC_SOFT_1 (Backwards Compatibility)	Y	TP							
GENERIC_SOFT_2 (New features testing)			to be done by EA						
SERVICE CRITERIA QC									
GENERIC_SERVICE_1 (Service control and status)	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 Configuration)	Y	VLD							
SECURITY QC									
GENERIC_SEC_1 (World Writable Files)	Y	VLD							
GENERIC_SEC_3 (Passwords in world readable files)	Y	VLD							
MISCELLANEOUS QC									
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD							
AUTHENTICATION QC									
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD							
AUTHN_IFACE_2 (SAML authentication)	Optional								
JOB EXECUTION QC									
JOBEXEC_FACE_1 (Job Execution Interface)	Y	VLD							
JOBEXEC_JOB_1 (Simple Job)	Y	VLD							
JOBEXEC_JOB_2 (Simple Job with input/output files)	Y	VLD							
JOBEXEC_JOB_3 (Cancel Job)	Y	VLD							
JOBEXEC_EXECMNGR_1 (Non Invasive Deployment)	Y	VLD							
JOBEXEC_EXECMNGR_2 (Job Management)	Y	VLD							
JOBEXEC_EXECMNGR_3 (Information Retrieval)	Y	VLD	TSI does not provide the information in GLUE but unicorex, which provides the information to the outside, does						
JOBEXEC_AVAIL_1 (Service Redundancy)	Y	VLD							
JOBEXEC_AVAIL_2 (Self Healing Mechanism)	Optional								
JOBEXEC_AVAIL_4 (Timely Job Status Updates)	Optional								
PARALLEL JOB QC									
PARALLEL_JOB_1 (Single parallel job submission)	Y	VLD							
PARALLEL_JOB_2 (Single machine parallel job submission)	Y	VLD							
PARALLEL_JOB_3 (Fine grained mapping parallel job submission)	Y	VLD							
PARALLEL_MPI_1 (Precompiled MPI job Execution)	Y	VLD	MPI job execution is fully integrated						
PARALLEL_MPI_2 (MPI job Execution from source)	Y	VLD	MPI compilation and job execution is fully integrated						
PARALLEL_OMP_1 (Precompiled OpenMP job Execution)	Y	VLD	MPI job execution is fully integrated						
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MONITORING PROBES QC									
MON_PROBE_GENERIC_2 (Service Probe)	Y	TP	done in probes provided with unicorex						

Validator comments:

The package is not properly using the default paths, most of its files are in /usr/share/unicore/tsi_selected

Not applicable Quality Criteria

GENERIC_DOC_3 (User Documentation)

Specific Functional Tests to be repeated in SR:

Test number	Description	Motivation
GENERIC_SOFT_2 (New features testing)	http://sourceforge.net/tracker/?func=detail&aid=3405627&group_id=102081&atid=1437373	Couldn't be done in the verification setup

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:

Provide documentation about installation of the component outside the package, so that it can easily be found when downloading the packages from the EMI repository (<http://emisoft.web.cern.ch/emisoft/index.html>)

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