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

Name of the component	UNICORE Registry6				
Release	6.0.0		RT Ticket		5226
Software Provider					
Release Contact	Cristina Aiftimiei		cristina.aiftimiei@pd.infn.it		
Validator	Mathilde Romberg		m.romberg@fz-juelich.de		
V. Hours Worked	7				
Component status	**Verified**	Date		29.04.2013	
Verification start date	22.03.2013	Verification end date		26.04.2013	

Summary:
Upgrade and installation was straight forward; some minor issues with workarounds.

GGUS Tickets:
https://ggus.eu/ws/ticket_info.php?ticket=93037 (Documentation)
https://ggus.eu/ws/ticket_info.php?ticket=93041 (configuration tool)

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	17			17
	Specific Quality Criteria			
TP				
VLD	4		7	11

Quality Criteria verification cheatsheet:

<Insert filled excel cheatsheet>

Criteria	Accepted (Y/N/N)	Tested (TP/VLD)	Comments	RELEASE:	6.0.0	VALIDATOR	Mathilde Rom	RT TICKET:	5226
DOCUMENTATION QC									
GENERIC_DOC_1 (Functional Description)	Y	VLD	first paragraph of http://unicore-dev.zam.kfa-juelich.de/documentation/registry-6.6.0/registry-manual.pdf						
GENERIC_DOC_2 (Release Notes)	Y	VLD	http://www.eu-emi.eu/releases/emi-3-montebianco/products/-/asset_publisher/5dKm/content/unicore-registry6-1						
GENERIC_DOC_3 (User Documentation)	Optional								
GENERIC_DOC_4 (Online help (man pages)	Y	VLD	http://unicore-dev.zam.kfa-juelich.de/documentation/registry-6.6.0/registry-manual.html						
GENERIC_DOC_5 (API Documentation)	Optional								
GENERIC_DOC_6 (Administrator Document)	Y	VLD	http://unicore-dev.zam.kfa-juelich.de/documentation/registry-6.6.0/registry-manual.pdf						
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	https://twiki.cern.ch/twiki/bin/view/EMI/UNICOREregistrySRC						
GENERIC_DOC_8 (Software License)	Y	VLD	BSD						
GENERIC_DOC_9 (Release changes testing)	Y	VLD							
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 Compatibilit	Y	VLD	is not backward compatible, which is ok for a major release						
GENERIC_SOFT_2 (New features testing)	Y	VLD							
SERVICE CRITERIA QC									
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 Configuratio	Y	VLD							
SECURITY QC									
GENERIC_SEC_1 (World Writable Files)	Y	VLD							
GENERIC_SEC_3 (Passwords in world read	Y	VLD							
MISCELLANEOUS QC									
GENERIC_MISC_1 (Bug Tracking System)	Y	VLD							
AUTHENTICATION QC									
AUTHN_CRED_1 (X.509 Certificate support	Y	VLD							
AUTHN_CRED_2 (SHA2 Certificate support)	Y	VLD							
INFORMATION MODEL QC									
INFOMODEL_SCHEMA_1 (GlueSchema Su	NA		glue schema is not used for service information (service URL and type) provided by the registry, WSRF service group is used (OAS						
INFOMODEL_SCHEMA_2 (Middleware Vers	NA		it is always written in the components log file at startup						
INFOMODEL_SCHEMA_3 (GlueSchema 2.0	NA		glue schema is not used for service information (service URL and type) provided by the registry, WSRF service group is used (OAS						
INFORMATION DISCOVERY QC									
INFODISC_IFACE_1 (Information Discovery	NA		LDAP is not used for providing the service information						
INFODISC_AGG_1 (Information Filtering)	NA		not relevant on this level						
INFODISC_AGG_2 (Information Aggregation	NA		not relevant on this level						
INFODISC_AGG_3 (Dynamic Information pu	NA		not relevant on this level						
INFODISC_AVAIL_1 (Top Information Syster	Y	VLD							
MONITORING PROBES QC									
MON_PROBE_GENERIC_2 (Service Probe)	Y	VLD							

VerificationUNICORERegistry_EMI3.0

Validator comments:

The upgrade information was not part of the Installation section of the manual but attached at the end of the document.

It was not mentioned in the documentation that the /var/lib/unicore/registry/ directory (the registry's persistence) has to be deleted before starting the service.

Not applicable Quality Criteria

INFOMODEL_SCHEMA_1 (GlueSchema Support)
INFOMODEL_SCHEMA_2 (Middleware Version Information)
INFOMODEL_SCHEMA_3 (GlueSchema 2.0 Support)

INFODISC_IFACE_1 (Information Discovery Interface)
INFODISC_AGG_1 (Information Filtering)
INFODISC_AGG_2 (Information Aggregation)
INFODISC_AGG_3 (Dynamic Information publication)

These are not relevant as the registry provides service information (service URL and type), for which WSRF service group is used (OASIS Standard)

The Common Information Provider (CIS) provides information according to GLUE 2.0 schema

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):
In case you upgrade from an earlier installation, you have to delete
/var/lib/unicore/registry/* (the registry's persistence) before starting the service.

Comments for DMSU (TSA2.5):

Comments for TP: