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

Name of the component	UNICORE Gateway6				
Release	5.0.0		RT Ticket		5222
Software Provider					
Release Contact	Cristina Aiftimiei		cristina.aiftimiei@pd.infn.it		
Validator	Mathilde Romberg		m.romberg@fz-juelich.de		
V. Hours Worked	5				
Component status	**Verified**	Date		29.04.2013	
Verification start date	22.03.2013	Verification end date		26.04.2013	

Summary:
Upgrade and installation didn't cause any problems. The service is running stable.

GGUS Tickets:
none

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	14			14
	Specific Quality Criteria			
TP				
VLD	4		10	14

Quality Criteria verification cheatsheet:
<Insert filled excel cheatsheet>

Criteria	Accepted (Y/N/N	Tested (TP/VLD)	Comments	RELEASE: 5.0.0	VALIDATOR Mathilde Ro	RT TICKET:	5222
DOCUMENTATION QC							
GENERIC_DOC_1 (Functional Description)	Y	VLD	http://unicore-dev.zam.kfa-juelich.de/documentation/gateway-1.5.0/manual.html#_introduction				
GENERIC_DOC_2 (Release Notes)	Y	VLD	http://www.eu-emi.eu/releases/emi-3-montebianco/products/-/asset_publisher/5dKm/content/unicore-gateway6-1#Doc				
GENERIC_DOC_3 (User Documentation)	Optional						
GENERIC_DOC_4 (Online help (man pages)	Y	VLD	http://unicore-dev.zam.kfa-juelich.de/documentation/gateway-1.5.0/manual.html				
GENERIC_DOC_5 (API Documentation)	Optional						
GENERIC_DOC_6 (Administrator Document	Y	VLD	http://unicore-dev.zam.kfa-juelich.de/documentation/gateway-1.5.0/manual.pdf				
GENERIC_DOC_7 (Service Reference Card	Y	VLD	https://twiki.cern.ch/twiki/bin/view/EMI/UNICOREGatewaySRC				
GENERIC_DOC_8 (Software License)	Y	VLD	BSD				
GENERIC_DOC_9 (Release changes testing	Optional						
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					
GENERIC_SOFT_2 (New features testing)	Y	VLD	haven't tested OCSP support				
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	GGUS SU UNICORE Server				
AUTHENTICATION QC							
AUTHN_CRED_1 (X.509 Certificate support	Y	VLD					
AUTHN_CRED_2 (SHA2 Certificate support	Y	VLD					
AUTHORISATION QC							
AUTHZ_PCYDEF_3 (Ban UserGroup of use	NA						
AUTHZ_PCYDEF_4 (Allowed users definitio	NA						
AUTHZ_PEP_2 (User Mapping)	NA						
INFORMATION MODEL QC							
INFOMODEL_SCHEMA_1 (GlueSchema Su	NA		The Gateway is the entry point into a UNICORE site.				
INFOMODEL_SCHEMA_2 (Middleware Vers	Y	VLD	the version number is printed in the log file				
INFOMODEL_SCHEMA_3 (GlueSchema 2.0	NA		The Gateway is the entry point into a UNICORE site.				
INFORMATION DISCOVERY QC							
INFODISC_IFACE_1 (Information Discovery	NA						
INFODISC_AGG_1 (Information Filtering)	NA						
INFODISC_AGG_2 (Information Aggregation	NA						
INFODISC_AGG_3 (Dynamic Information pu	NA						
INFODISC_AVAIL_1 (Top Information Syster	NA						
MONITORING PROBES QC							
MON_PROBE_GENERIC_2 (Service Probe)	Y	VLD					

VerificationUNICOREGateway_EMI3.0

Validator comments:
Everything straight forward

Not applicable Quality Criteria

The following criteria are not applicable

AUTHZ_ PCYDEF_3 (Ban UserGroup of users)
AUTHZ_ PCYDEF_4 (Allowed users definition)
AUTHZ_ PEP_2 (User Mapping)
INFOMODEL_SCHEMA_1 (GlueSchema Support)
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)
INFODISC_AVAIL_1 (Top Information System Size)

Because

The Gateway is the entry point into a UNICORE site. It is installed in front of any networking firewall. It authenticates incoming messages and forwards them to their intended destination. The gateway receives the reply and sends it back to the client. In effect, traffic to a *virtual* URL, e.g. *https://mygateway:8088/Alpha* is forwarded to the real URL, e.g. *https://host1:7777*. In this way, only a single open port in a site's firewall has to be configured. The mappings of virtual URL to real URL for the available sites are listed in a configuration file `connections.properties`. Additionally, the gateway supports dynamic registration of sites.
The second functionality of the gateway is authentication of incoming requests. Connections to the gateway are made using client-authenticated SSL, so the gateway will check whether the caller presents a certificate issued by a trusted authority. Information about the authenticated client is forwarded to services behind the gateway in UNICORE proprietary format (as SOAP header element).

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 mentioned above as not-applicable
- Add criteria xxxx

Comments for SR (TSA1.3):
The default logging.properties configuration created one log-file at startup of the service. To get daily log-files you have to use
log4j.appender.A1=org.apache.log4j.DailyRollingFileAppender
And add log4j.appender.A1.DatePattern='.'yyyy-MM-dd

Comments for DMSU (TSA2.5):

Comments for TP: