

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

Name of the component	UNICORE/X6		
Release	6.0.0	RT Ticket	5220
Software Provider			
Release Contact	Cristina Aiftimiei	cristina.aiftimiei@pd.infn.it	
Validator	Mathilde Romberg	m.romberg@fz-juelich.de	
V. Hours Worked	20		
Component status	Verified	Date	26.04.2013
Verification start date	22.03.2013	Verification end date	26.04.2013

Summary:

Upgrade installation had some minor issues. The switch to CANL results in very strict security checking, which e.g. caused the server not being able to start just because the truststore contained the old DFN signer, which is still valid) and the new DFN signer certificate.

Installation from scratch revealed that a configuration file template contained inconsistent information.

After that the service is running fine.

GGUS Tickets:

https://ggus.eu/ws/ticket_info.php?ticket=93037 (Documentation)

https://ggus.eu/ws/ticket_info.php?ticket=93039 (upgrade configuration tool)

https://ggus.eu/tech/ticket_show.php?ticket=93143 (wsrflite.xml problem)

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	20		1	21
	Specific Quality Criteria			
TP				
VLD	6			6

Quality Criteria verification cheatsheet:

<Insert filled excel cheatsheet>

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Criteria	Accepted (Y/N)	Tested (TP/VLD)	Comments	RELEASE:	VALIDATOR	Mathilde Rom	RT TICKET:	5220
DOCUMENTATION QC								
GENERIC_DOC_1 (Functional Description)	Y	VLD	first paragraph of http://unicore-dev.zam.kfa-juelich.de/documentation/unicorex-6.6.0/unicorex-manual.pdf					
GENERIC_DOC_2 (Release Notes)	Y	VLD	http://www.eu-emi.eu/releases/emi-3-montebianco/products/asset_publisher/5dKn/content/unicorex-x-6#RIC					
GENERIC_DOC_3 (User Documentation)	NA							
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	http://unicore-dev.zam.kfa-juelich.de/documentation/unicorex-6.6.0/unicorex-manual.html					
GENERIC_DOC_5 (API Documentation)	Optional							
GENERIC_DOC_6 (Administrator Document)	Y	VLD	http://unicore-dev.zam.kfa-juelich.de/documentation/unicorex-6.6.0/unicorex-manual.pdf					
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	https://wiki.cern.ch/wiki/bin/view/EMI/UNICOREuxSRC					
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 Compatibility)	Y	VLD	not backward compatible, is ok as it is 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)	Y	VLD						
GENERIC_SERVICE_7 (Default Configurati	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						
AUTHORISATION QC								
AUTHZ_PCYDEF_3 (Ban UserGroup of use)	Y	VLD	through attribute resource, e.g. XUUDB					
AUTHZ_PCYDEF_4 (Allowed users definitio	Y	VLD						
AUTHZ_PEP_2 (User Mapping)	Y	VLD						
MONITORING PROBES QC								
MON_PROBE_GENERIC_2 (Service Probe)	Y	VLD						

VerificationUNICOREWS_EM13.0

Validator comments:

An upgrade from unicorex-5.1.x is possible. For the necessary conversion of the configuration files a tool is provided (documented in <http://unicore-dev.zam.kfa-juelich.de/documentation/unicorex-6.6.0/unicorex-manual.pdf>, section 1.2.3; apt-get install unicore-configurator refers to the EMI repository) **but** the persistence (e.g. all user jobs) cannot be converted to the new release. Therefore the content of /var/lib/unicore/unicorex/ has to be removed before starting the upgraded unicorex. (this was not documented in the manual, see GGUS ticket 93037)

The config file conversion tool does not properly work for xnjs_legacy.xml: In case you are not using SSL between unicorex and tsi you have to add

```
<!-- do not use SSL -->
```

```
<eng:Property name="CLASSICTSI.ssl.disable" value="true"/>
```

below CLASSICTSI.replyport

When installing from scratch, the wsrfkite.xml contains wrong settings:

Instead of

```
<!-- Configuration with Gateway -->
```

```
<!-- <property name="unicore.wsrfkite.baseurl"
```

```
value="https://localhost:8080/DEFAULT-SITE/services"/> -->
```

```
<!-- Configuration for directly using the service environment w/o Gateway
```

```
-->
```

```
<property name="container.baseurl"
```

```
value="https://localhost:7777/services" />
```

it has to be

```
<!-- Configuration with Gateway -->
```

```
<property name="container.baseurl"
```

```
value="https://localhost:8080/DEFAULT-SITE/services"/> -->
```

Not applicable Quality Criteria

GENERIC_DOC_3 (User Documentation) is not applicable as a user uses unicorex through either the HiLA API, UCC or die graphical URC

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):

An upgrade from unicorex6-5.1.x is possible. For the necessary conversion of the configuration files a tool is provided (documented in <http://unicore-dev.zam.kfa-juelich.de/documentation/unicorex-6.6.0/unicorex-manual.pdf>, section 1.2.3) **but** the persistence (e.g. all user jobs) cannot be converted to the new release. Therefore the content of /var/lib/unicore/unicorex/ has to be removed before starting the upgraded unicorex.

The config file conversion routine does not properly work for xnjs_legacy.xml: In case you are not using SSL between unicorex and tsi you have to add the following lines below CLASSICTSI.replyport.

```
<!-- do not use SSL -->  
<eng:Property name="CLASSICTSI.ssl.disable" value="true"/>
```

When installing from scratch, the wsrflite.xml contains wrong settings:

Instead of

```
<!-- Configuration with Gateway -->  
<!-- <property name="unicore.wsrflite.baseurl"  
value="https://localhost:8080/DEFAULT-SITE/services"/> -->  
<!-- Configuration for directly using the service environment w/o Gateway  
-->  
<property name="container.baseurl"  
value="https://localhost:7777/services" />
```

it has to be

```
<!-- Configuration with Gateway -->  
<property name="container.baseurl"  
value="https://localhost:8080/DEFAULT-SITE/services"/> -->
```

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