

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

Name of the component	ARC Infosys		
Release	emi.arc- infosys.sl6.x86_64-3.0.0	RT Ticket	#5105
Software Provider			
Release Contact	Name: Cristina Aiftimiei	E-Mail: cristina.aiftimiei@pd.infn.it	
Validator	Name: Sergio Maffioletti	E-Mail sergio.maffioletti@gc3.uzh.ch	
V. Hours Worked	5		
Component status	Verified	Date	26/03/2013
Verification start date	17/03/2013	Verification end date	22/03/2013

Summary:

The component was installed without problems on a freshly deployed SL6 machine. An arc.conf file from a production GIIS server has been used for testing purposes. Backward compatibility is verified. All the daemons started without problems but no logs were printed in the specified location even increasing the log level in the configuration file. This can have important impact in debugging problems.

GGUS Tickets:

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	11	1	6	18
	Specific Quality Criteria			
TP				
VLD				

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Optional		
GENERIC_DOC_2 (Release Notes)	Y		
GENERIC_DOC_3 (User Documentation)	Optional		
GENERIC_DOC_4 (Online help (man pages))	Optional		
GENERIC_DOC_5 (API Documentation)	Optional		
GENERIC_DOC_6 (Administrator Documentation)	Optional		
GENERIC_DOC_7 (Service Reference Card)	Optional		
GENERIC_DOC_8 (Software License)	Y		
GENERIC_DOC_9 (Release changes testing)	Optional		
SOFTWARE DISTRIBUTION QC			
GENERIC_DIST_1 (Source Code Availability)	Y		
GENERIC_DIST_3 (Binary Distribution)	Y		
SOFTWARE FEATURES QC			
GENERIC_SOFT_1 (Backwards Compatibility)	Y		
GENERIC_SOFT_2 (New features testing)	Y		
SERVICE CRITERIA QC			
GENERIC_SERVICE_1 (Service control and status)	Y		
GENERIC_SERVICE_2 (Log Files)	N		No logs seems to be present in /var/log/arc even after increasing log verbosity
GENERIC_SERVICE_3 (Service Reliability)	Optional		
GENERIC_SERVICE_4 (Service Robustness)	Optional		
GENERIC_SERVICE_6 (Default Password Configuration)	NA		
GENERIC_SERVICE_7 (Default Configuration)	NA		
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y		
GENERIC_SEC_3 (Passwords in world readable files)	NA		
MISCELLANEOUS QC			
GENERIC_MISC_1 (Bug Tracking System)	Y		
AUTHENTICATION QC			
AUTHN_CRED_1 (X.509 Certificate support)	NA		
AUTHN_CRED_2 (SHA2 Certificate support)	Optional		
AUTHN_CRED_3 (RFC Proxy support)	Optional		
AUTHN_PROTO_1 (TLS/SSLv3 Support)	NA		
INFORMATION MODEL QC			
INFOMODEL_SCHEMA_1 (GlueSchema Support)			
INFOMODEL_SCHEMA_2 (Middleware Version Information)	Optional		
INFOMODEL_SCHEMA_3 (GlueSchema 2.0 Support)			
INFORMATION DISCOVERY QC			
INFODISC_IFACE_1 (Information Discovery Interface)	Y		
INFODISC_AGG_1 (Information Filtering)	Optional		
INFODISC_AGG_2 (Information Aggregation)	Y		
INFODISC_AGG_3 (Dynamic Information publication)	NA		
INFODISC_AVAIL_1 (Top Information System Size)			
MONITORING PROBES QC			
MON_PROBE_GENERIC_2 (Service Probe)	Optional		

Validator comments:

Logging has to be checked as even increasing the log level in the configuration file no logs result to be printed.

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: