

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

Name of the component	SAM-NAGIOS		
Release	U17_1	RT Ticket	#4179
Software Provider	JRA1		
Release Contact	Name:	E-Mail	
	Daniele Cesini, daniele.cesini@cnaif.infn.it		
Validator	Name:	E-Mail	
	Alvaro Simon, asimon@cesga.es		
V. Hours Worked	4h		
Component status	Verified	Date	31/07/2012
Verification start date	31/07/2012	Verification end date	31/07/2012

Summary:

New SAM-U17.1 was verified without errors. WN probe issues were fixed.

GGUS Tickets:

None

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	18	0	0	18
	Specific Quality Criteria			
TP				
VLD	22	0	0	22

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/N)	Tested (TP/VLD)	Comments
Generic QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	https://tomtools.cern.ch/confluence/display/SAMDOC/Up
GENERIC_DOC_2 (Release Notes)	Y	VLD	https://tomtools.cern.ch/confluence/display/SAMDOC/Up
GENERIC_DOC_3 (User Documentation)	Y	VLD	https://tomtools.cern.ch/confluence/display/SAMDOC/Us
GENERIC_DOC_4 (Online help (man pages))	Optional		
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Documentat	Y	VLD	
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)	Y	VLD	
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	
GENERIC_DIST_2 (Source Distribution)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
GENERIC_SERVICE_1 (Service control and s	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_4 (Automatic Configurat	Y	VLD	
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_2 (Directory Traversal Attack	Optional		
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	
Security Capabilities QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	
AUTHN_IFACE_2 (SAML authentication)	Optional		
AUTHN_DELEG_1 (Delegation Interface)	TBD		
AUTHZ_PCYDEF_3 (Ban UserFQAN)			
AUTHZ_PCYDEF_4 (Allowed users definition)			
AUTHZ_PEP_1 (Policy Enforcement)			
AUTHZ_PEP_2 (User Mapping)			
Information Capabilities QC			
INFOMODEL_SCHEMA_1 (GlueSchema Supp	Y	VLD	
INFODISC_IFACE_1 (Information Discovery I	Y	VLD	
Operations Capabilities QC			
MON_NCG_1 (Generation of Nagios Configura	Y	VLD	
MON_NCG_2 (Generation of Failover Nagios C	Y	VLD	
MON_PORTAL_1 (Resource Summary View)	Y	VLD	
MON_PORTAL_2 (Resource Detail View)	Y	VLD	
MON_PORTAL_3 (Resource Historical View)	Y	VLD	
MON_PORTAL_4 (Resource Filters)	Y	VLD	
MON_PORTAL_5 (Responsiveness)	Y	VLD	
MON_PORTAL_6 (Linkable Views)	Y	VLD	
MON_DB_1 (Metric List Fetching)	Y	VLD	
MON_DB_2 (Resource List Fetching)	Y	VLD	
MON_PROBE_1 (Probe Template)	Y	VLD	
MON_PROBE_GENERIC_1 (Certificate Lifetin	Y	VLD	
MON_PROBE_GENERIC_2 (Service Probe)	Y	VLD	
MON_PROBE_JOBEXEC_1 (Job Execution P	Y	VLD	
MON_PROBE_JOBEXEC_2 (CREAM Job Ex	Y	VLD	
MON_PROBE_JOBEXEC_3 (WN Probes)	Y	VLD	
MON_PROBE_JOBSCH_1 (WMS Probes)	Y	VLD	
MON_PROBE_STORAGE_1 (SRM Probes)	Y	VLD	

Validator comments:

cat sam.repo

EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (4179,670,595)

```
[egi-sam]
name=EGI SAM repo
baseurl=http://admin-repo.egi.eu/sw/unverified/sam/1/17/1/$basearch
enabled=1
priority=10
gpgcheck=0
```

yum update

Dependencies Resolved

```
=====
=====
Package                               Size                               Arch                               Version
Repository                             Size                               Arch                               Version
=====
=====
```

Installing:

```
unicore-ucc6
1.sl5                               egi-sam                            noarch                            5.0.0-
replacing unicore-ucc.noarch 6.4.0-1
```

Updating:

```
glite-yaim-nagios
7.el5                               egi-sam                            noarch                            1.7.40-
grid-monitoring-probes-org.sam
1.el5                               egi-sam                            noarch                            0.4.1-
mrs
4.el5                               egi-sam                            noarch                            1.7.6-
mywlcg
2.el5                               egi-sam                            noarch                            1.2.8-
perl-Directory-Queue
1.el5                               egi-sam                            noarch                            1.6-
unicore-nagios-plugins
egi-sam                             64 k                               noarch                            2.1.0-1
unicore-uvos-clc
0.sl5                               egi-sam                            noarch                            1.6.0-
```

Transaction Summary

```
=====
=====
Install      1 Package(s)
Upgrade      7 Package(s)
```

Total download size: 50 M

Configuration

=====

/opt/glite/yaim/bin/yaim -s /opt/glite/yaim/etc/site-info.def -c -n glite-UI -n glite-NAGIOS;service nagios restart

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):

New unicore probes were not tested.

Comments for DMSU (TSA2.5):

Comments for TP: