

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

Name of the component	SAM-NAGIOS		
Release	U17	RT Ticket	#4042
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	3h		
Component status	<b>Verified</b>	Date	04/07/2012
Verification start date	04/07/2012	Verification end date	04/07/2012

**Summary:**  
**New SAM-U17 was verified without errors.**

**GGUS Tickets:**  
**None**

**Summary of Quality Criteria verification:**

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

## Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/N)	Tested (TP/VLD)	Comments
<b>Generic QC</b>			
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="https://tomtools.cem.ch/confluence/display/SAMDOC/Up">https://tomtools.cem.ch/confluence/display/SAMDOC/Up</a>
GENERIC_DOC_2 (Release Notes)	Y	VLD	<a href="https://tomtools.cem.ch/confluence/display/SAMDOC/Up">https://tomtools.cem.ch/confluence/display/SAMDOC/Up</a>
GENERIC_DOC_3 (User Documentation)	Y	VLD	
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	
<b>Security Capabilities QC</b>			
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)			
<b>Information Capabilities QC</b>			
INFOMODEL_SCHEMA_1 (GlueSchema Supp	Y	VLD	
INFODISC_IFACE_1 (Information Discovery I	Y	VLD	
<b>Operations Capabilities QC</b>			
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 Lifetim	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) - (4042,644,569)
```

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

```
# yum update
```

### Dependencies Resolved

```
=====
Package                               Arch                               Size
Version                               Repository                         Size
=====
Installing:
sam-nagios                             noarch                             4.4 k
1.17.2-1.el5                            egi-sam
replacing unicore-monitoring-probes.noarch 2.0.1-1
Updating:
atp                                     noarch                             342 k
1.23.9-1.el5                            egi-sam
atp-web                                noarch                             208 k
1.23.9-1.el5                            egi-sam
glite-yaim-nagios                       noarch                             127 k
1.7.40-4.el5                             egi-sam
grid-monitoring-config-gen              noarch                             142 k
0.89.7-1.el5                             egi-sam
grid-monitoring-probes-ch.cern.sam       noarch                             18 k
1.6.2-1.el5                             egi-sam
grid-monitoring-probes-eu.egi.sec        noarch                             54 k
1.0.6-1.el5                             egi-sam
grid-monitoring-probes-org.ndgf         noarch                             9.8 k
2.el5                                    egi-sam
grid-monitoring-probes-org.sam          noarch
0.3.2-1.el5                             egi-sam
mrs                                     noarch
1.7.6-1.el5                             egi-sam
msg-nagios-bridge                       noarch                             41 k
1.0.63-1.el5                             egi-sam
mywlcg                                  noarch
1.2.8-1.el5                             egi-sam
perl-Directory-Queue                   noarch                             1.5 M
1.el5                                    egi-sam
perl-Net-STOMP-Client                   noarch                             25 k
1.el5                                    egi-sam
perl-TOM                                 noarch                             69 k
1.el5                                    egi-sam
poem                                     noarch                             89 k
0.9.5-1.el5                             egi-sam
poem-sync                               noarch                             182 k
0.9.5-1.el5                             egi-sam
sam-release                             noarch                             65 k
1.17.0-1.el5                             egi-sam
voms2htpasswd                           noarch                             2.5 k
1.12.2-1.el5                             egi-sam
Installing for dependencies:
nagios-plugins-dg                       noarch                             4.2 k
1.0.1-1.el5                             egi-sam
ncg-metric-config                       noarch                             9.6 k
1.0.5-1.el5                             egi-sam
sam-sync                                noarch                             4.7 k
1.0.6-1.el5                             egi-sam
unicore-nagios-plugins                  noarch                             409 k
2.0.10-1                                 egi-sam
unicore-ucc                             noarch                             32 M
6.4.0-1                                 egi-sam
unicore-uvos-clc                        noarch                             15 M
1.5.0-1                                 egi-sam
=====
```

### Transaction Summary

```
Install      7 Package(s)
Upgrade     18 Package(s)
```

### 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:**