

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

Name of the component	SAM Update 22		
Release	22	RT Ticket	#6149
Software Provider	EGI		
Release Contact	Name:	E-Mail	
Validator	Name:	E-Mail	
	Alvaro Simon	asimon@cesga.es	
V. Hours Worked	5		
Component status	Verified	Date	08/10/13
Verification start date	08/10/13	Verification end date	08/10/13

Summary:

Only a minor documentation issue related with mysql5.1 installation (see above).

GGUS Tickets:

https://ggus.eu/ws/ticket_info.php?ticket=97876

Summary of Quality Criteria verification:

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

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/N	Tested (TP/VLD)	Comments
Generic QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	
GENERIC_DOC_2 (Release Notes)	Y	VLD	
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			
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 Configurati	Y	VLD	
GENERIC_SEC_1 (World Writable Files)			
GENERIC_SEC_2 (Directory Traversal Attacks	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			
INFODISC_IFACE_1 (Information Discovery Inf			
Operations Capabilities QC			
MON_NCG_1 (Generation of Nagios Configura			
MON_NCG_2 (Generation of Failover Nagios C			
MON_PORTAL_1 (Resource Summary View)			
MON_PORTAL_2 (Resource Detail View)			
MON_PORTAL_3 (Resource Historical View)			
MON_PORTAL_4 (Resource Filters)			
MON_PORTAL_5 (Responsiveness)			
MON_PORTAL_6 (Linkable Views)			
MON_DB_1 (Metric List Fetching)			
MON_DB_2 (Resource List Fetching)			
MON_PROBE_1 (Probe Template)			
MON_PROBE_GENERIC_1 (Certificate Lifetim			
MON_PROBE_GENERIC_2 (Service Probe)			
MON_PROBE_JOBEXEC_1 (Job Execution P			
MON_PROBE_JOBEXEC_2 (CREAM Job Exe			
MON_PROBE_JOBEXEC_3 (WN Probes)			
MON_PROBE_JOBSCH_1 (WMS Probes)			
MON_PROBE_STORAGE_1 (SRM Probes)			
MON_PROBE_METADATA_1 (LFC Probes)			

Validator comments:

```
# cat sam.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (6146,1277,1202)

[egi-sam]
name=EGI SAM repo
baseurl=http://admin-repo.egi.eu/sw/unverified/sam/1/22/0/$basearch
enabled=1
priority=10
gpgcheck=0

/!\ An upgrade from previous SAM versions is not possible for this release. We strongly recommended to install SAM-Update 22 starting with a base operating system.
```

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

```
yum update --exclude sam-gridmon
```

```
https://tomtools.cern.ch/confluence/display/SAMDOC/SAM-Nagios+Administrator+Guide
```

```
wget http://ftp.scientificlinux.org/linux/scientific/5x/x86_64/SL/yum-conf-5x-2-0.s15.noarch.rpm
wget http://repository.egi.eu/sw/production/sam/1/x86_64/sal-release-3-1.e15.noarch.rpm
wget http://repository.egi.eu/sw/production/umd/2/s15/x86_64/updates/umd-release-2.0.0-2.e15.noarch.rpm
wget http://mirror.switch.ch/ftp/mirror/epel/5/i386/repoview/epel-release.html
```

```
# rpm -vhi yum-conf-5x-2-0.s15.noarch.rpm
# rpm -vhi umd-release-2.0.0-2.e15.noarch.rpm
# rpm -vhi sal-release-3-1.e15.noarch.rpm
# wget http://admin-repo.egi.eu/sw/unverified/sam/1/22/0/repofiles/sam.repo
```

```
# yum -y install yum-priorities yum-protectbase
# yum -y install ca-policy-egi-core httpd mysql51 yum-plugin-replace
# yum -y install nagios.x86_64
```

```
# yum install emi-ui
```

```
# yum install sam-nagios
```

Dependencies Resolved

```
=====
==
Package                               Arch      Version                Repository              Size
Size
=====
Installing:
sam-nagios                             noarch   1.22.0-9.e15          egi-sam                 7.4
k
Installing for dependencies:
CGSI-gSOAP                             x86_64   1.3.5-2.e15          UMD-2-base              69
k
MySQL-python                           x86_64   1.2.3-0.1.c1.e15    s15x-base              95
k
PyYAML                                  x86_64   3.08-4.e15          egi-sam                 176
k
atp                                      noarch   1.27.16-1.e15       egi-sam                 414
k
boost                                   x86_64   1.33.1-16.e15_9     s1-security             863
k
c-ares                                  x86_64   1.6.0-5.e15         s15x-base              49
k
chkfontpath                             x86_64   1.10.1-1.1          s15x-base              15
k
classads                                x86_64   1.0.8-1.e15         epel                    453
k
dcap-libs                                x86_64   2.47.7-1.e15       UMD-2-updates          124
k
distcache                                x86_64   1.4.5-14.1          s15x-base              121
k
django-pagination                       noarch   1.0.5-3.e15         egi-sam                 18
k
django-piston                           noarch   0.2.2-1.e15         egi-sam                 62
k
django-taggit                            noarch   0.9.3-2.e15         egi-sam                 21
k
dpm-libs                                x86_64   1.8.6-1.e15         UMD-2-updates          156
k
e2fsprogs-devel                         x86_64   1.39-35.e15         s15x-base              639
k
egi-mpi-nagios                          noarch   0.0.5-1.e15         egi-sam                 15
k
emi-cream-nagios                        noarch   1.0.1-4.e15.sam     egi-sam                 1.2
M
emi-wms-nagios                          noarch   3.5.0-3.s15         egi-sam                 61
k
=====
```

emi.dcache.srm-probes	noarch	1.0.0-1.e15	egi-sam	20
k				
fetch-curl	noarch	2.8.5-1.e15	epel	24
k				
fuse-message-broker-client	x86_64	5.5.1_fuse_09_16-1.e15	egi-sam	4.0
M				
gfal	x86_64	1.15.0-0.e15	UMD-2-updates	285
k				
gfal-python	x86_64	1.15.0-0.e15	UMD-2-updates	54
k				
giflib	x86_64	4.1.3-7.3.3.e15	s15x-base	39
k				
glibmm24	x86_64	2.12.10-1.e15	epel	146
k				
glite-ce-cream-cli	x86_64	1.14.1-2.s15	egi-sam	1.7
M				
glite-ce-cream-client-api-c	x86_64	1.14.2-1.s15	UMD-2-updates	384
k				
glite-jdl-api-cpp	x86_64	3.3.0-3.s15	UMD-2-updates	2.4
M				
glite-jobid-api-c	x86_64	2.1.2-5.e15	UMD-2-updates	9.1
k				
glite-lb-client	x86_64	5.1.7-1.e15	UMD-2-updates	230
k				
glite-lb-common	x86_64	8.1.6-1.e15	UMD-2-updates	116
k				
glite-lbjp-common-gsoap-plugin	x86_64	3.1.4-1.e15	UMD-2-updates	14
k				
glite-lbjp-common-gss	x86_64	3.1.7-1.e15	UMD-2-updates	18
k				
glite-lbjp-common-trio	x86_64	2.2.4-1.e15	UMD-2-updates	27
k				
glite-wms-ui-api-python	x86_64	3.4.0-5.s15	UMD-2-updates	1.7
M				
glite-wms-ui-commands	x86_64	3.4.0-5.s15	egi-sam	2.0
M				
glite-wms-utils-classad	x86_64	3.3.0-2.s15	UMD-2-updates	45
k				
glite-wms-utils-exception	x86_64	3.3.0-2.s15	UMD-2-updates	42
k				
glite-wms-wmproxy-api-cpp	x86_64	3.4.0-4.s15	UMD-2-updates	1.0
M				
glite-yaim-clients	noarch	5.2.0-1.s15	egi-sam	23
k				
glite-yaim-core	noarch	5.1.0-1.s15	UMD-2-base	118
k				
glite-yaim-nagios	noarch	1.10.31-1.e15	egi-sam	127
k				
globus-callout	x86_64	2.2-1.e15	UMD-2-updates	17
k				
globus-common	x86_64	14.9-1.e15	UMD-2-updates	132
k				
globus-common-progs	x86_64	14.9-1.e15	UMD-2-updates	34
k				
globus-ftp-client	x86_64	7.4-1.e15	UMD-2-updates	109
k				
globus-ftp-control	x86_64	4.4-1.e15	UMD-2-updates	73
k				
globus-gass-copy	x86_64	8.6-1.e15	UMD-2-updates	38
k				
globus-gass-copy-progs	x86_64	8.6-1.e15	UMD-2-updates	45
k				
globus-gass-server-ez	x86_64	4.3-1.e15	UMD-2-updates	15
k				
globus-gass-transfer	x86_64	7.2-1.e15	UMD-2-updates	43
k				
globus-gram-client	x86_64	12.4-1.e15	UMD-2-updates	22
k				
globus-gram-client-tools	x86_64	10.4-1.e15	UMD-2-updates	47
k				
globus-gram-protocol	x86_64	11.3-4.e15	UMD-2-updates	40
k				
globus-gsi-callback	x86_64	4.4-1.e15	UMD-2-updates	43
k				
globus-gsi-cert-utils	x86_64	8.3-1.e15	UMD-2-updates	20
k				
globus-gsi-credential	x86_64	5.3-1.e15	UMD-2-updates	36
k				
globus-gsi-openssl-error	x86_64	2.1-2.e15	UMD-2-updates	16
k				
globus-gsi-proxy-core	x86_64	6.2-1.e15	UMD-2-updates	37
k				
globus-gsi-proxy-ssl	x86_64	4.1-2.e15	UMD-2-updates	18
k				
globus-gsi-sysconfig	x86_64	5.3-1.e15	UMD-2-updates	31
k				
globus-gss-assist	x86_64	8.6-1.e15	UMD-2-updates	35
k				
globus-gssapi-error	x86_64	4.1-2.e15	UMD-2-updates	14
k				
globus-gssapi-gsi	x86_64	10.7-1.e15	UMD-2-updates	62
k				
globus-io	x86_64	9.3-1.e15	UMD-2-updates	44
k				
globus-openssl-module	x86_64	3.2-1.e15	UMD-2-updates	14
k				
globus-proxy-utils	x86_64	5.0-2.e15	UMD-2-updates	45
k				
globus-rsl	x86_64	9.1-2.e15	UMD-2-updates	29
k				

globus-xio	x86_64	3.3-1.e15	UMD-2-updates	178
k				
globus-xio-gsi-driver	x86_64	2.3-1.e15	UMD-2-updates	37
k				
globus-xio-popen-driver	x86_64	2.3-1.e15	UMD-2-updates	21
k				
glue-schema	noarch	2.0.8-2.e15	UMD-2-updates	34
k				
grid-monitoring-config-gen	noarch	0.93.6-1.e15	egi-sam	145
k				
grid-monitoring-fm-nagios-local	noarch	0.14.1-1.e15	egi-sam	9.3
k				
grid-monitoring-org.activemq-probes	noarch	0.15-1.e15	egi-sam	37
k				
grid-monitoring-org.nagiosexchange-probes	x86_64	0.19-1.e15	egi-sam	169
k				
grid-monitoring-probes-cadist	noarch	0.5.0-1.e15	egi-sam	693
k				
grid-monitoring-probes-ch.cern.sam	noarch	1.6.15-1.e15	egi-sam	22
k				
grid-monitoring-probes-eu.egi.sec	noarch	1.0.9-4.e15	egi-sam	57
k				
grid-monitoring-probes-hr.srce	noarch	0.37.0-1.e15	egi-sam	26
k				
gridftp-ifce	x86_64	2.3.1-0.e15	UMD-2-updates	15
k				
gridsite-libs	x86_64	1.7.25-1.emi2.e15	UMD-2-updates	130
k				
gsoap	x86_64	2.7.13-4.e15	epel	444
k				
gstat-validation	noarch	2.0.44-1.e15	egi-sam	40
k				
html5lib	noarch	0.10-1	egi-sam	202
k				
is-interface	x86_64	1.15.0-0.e15	UMD-2-updates	52
k				
java-1.6.0-openjdk	x86_64	1:1.6.0.0-1.41.1.11.11.90.e15_9	sl-security	36
M				
keyutils-libs-devel	x86_64	1.2-1.e15	sl5x-base	27
k				
krb5-devel	x86_64	1.6.1-70.e15_9.2	sl-security	1.9
M				
log-infosites	noarch	3.1.0-3.e15	UMD-2-updates	10
k				
lcg-util	x86_64	1.15.0-0.e15	UMD-2-updates	86
k				
lcg-util-libs	x86_64	1.15.0-0.e15	UMD-2-updates	58
k				
lcg-util-python	x86_64	1.15.0-0.e15	UMD-2-updates	40
k				
lcgdm-libs	x86_64	1.8.6-1.e15	UMD-2-updates	104
k				
lfc-libs	x86_64	1.8.6-1.e15	UMD-2-updates	45
k				
lfc-python	x86_64	1.8.6-1.e15	UMD-2-updates	2.2
M				
libFS	x86_64	1.0.0-3.1	sl5x-base	30
k				
libXfont	x86_64	1.2.2-1.0.4.e15_7	sl5x-base	245
k				
libdbi	x86_64	0.8.1-2.1	sl5x-base	37
k				
libfontenc	x86_64	1.0.2-2.2.e15	sl5x-base	19
k				
libicu	x86_64	3.6-5.16.1	sl5x-base	5.2
M				
libselinux-devel	x86_64	1.33.4-5.7.e15	sl5x-base	149
k				
libsepol-devel	x86_64	1.15.2-3.e15	sl5x-base	192
k				
libsigc++20	x86_64	2.0.18-1.e15	epel	49
k				
libtar	x86_64	1.2.11-13.e15	epel	30
k				
libtool-ltdl	x86_64	1.5.22-7.e15_4	sl5x-base	38
k				
libxslt	x86_64	1.1.17-4.e15_8.3	sl5x-base	424
k				
libyaml	x86_64	0.1.2-3.e15	egi-sam	53
k				
lm_sensors	x86_64	2.10.7-9.e15	sl5x-base	525
k				
log4cpp	x86_64	1.0-9.e15	sl5x-base	197
k				
lua	x86_64	5.1.2-1.e15	sl5x-base	224
k				
mod_ssl	x86_64	1:2.2.3-82.sl5	sl-security	98
k				
mod_wsgi	x86_64	2.1-2.e15	egi-sam	61
k				
mrs	noarch	1.7.44-1.e15	egi-sam	870
k				
msg-nagios-bridge	noarch	1.0.71-1.e15	egi-sam	42
k				
msg-utils	noarch	1.0.10-1.e15	egi-sam	10
k				
mx	x86_64	2.0.6-2.2.2	sl5x-base	564
k				
myproxy	x86_64	5.9-1.1.e15	UMD-2-updates	86
k				

myproxy-libs	x86_64	5.9-1.1.e15	UMD-2-updates	124
k				
mysql51-devel	x86_64	5.1.68-1.ius.e15	egi-sam	2.6
M				
mysql51-server	x86_64	5.1.68-1.ius.e15	egi-sam	11
M				
mywlcg	noarch	1.5.6-2.e15	egi-sam	2.1
M				
mywlcg-atp-api	noarch	1.26.1-1.e15	egi-sam	22
k				
mywlcg-atp-web	noarch	1.26.2-3.e15	egi-sam	31
k				
nagios-common	x86_64	2.12-10.e15	epel	9.3
k				
nagios-gocdb-downtime	noarch	0.24.1-1.e15	egi-sam	8.5
k				
nagios-nrpe	x86_64	2.12-1.e15.rf.1.oat	egi-sam	32
k				
nagios-oat-cgi	noarch	0.4-1.e15	egi-sam	6.0
k				
nagios-plugins	x86_64	1.4.15-2.e15	epel	225
k				
nagios-plugins-argus	noarch	1.1.0-2.e15	egi-sam	12
k				
nagios-plugins-bdii	x86_64	1.0.14-1.e15	egi-sam	7.2
k				
nagios-plugins-dg	noarch	1.0.1-1.e15	egi-sam	4.2
k				
nagios-plugins-disk	x86_64	1.4.15-2.e15	epel	74
k				
nagios-plugins-dummy	x86_64	1.4.15-2.e15	epel	24
k				
nagios-plugins-emi.glexec	noarch	0.3.0-1.s15	egi-sam	7.3
k				
nagios-plugins-emi.glexec-config	noarch	1.0.0-2.e15	egi-sam	3.4
k				
nagios-plugins-file_age	x86_64	1.4.15-2.e15	epel	11
k				
nagios-plugins-fts	noarch	1.0.1-1.e15	egi-sam	5.1
k				
nagios-plugins-lcgdm	x86_64	0.9.5-2.e15.sam	egi-sam	8.7
k				
nagios-plugins-lcgdm-common	x86_64	0.9.5-2.e15.sam	egi-sam	24
k				
nagios-plugins-ldap	x86_64	1.4.15-2.e15	epel	34
k				
nagios-plugins-lfc	x86_64	0.9.5-2.e15.sam	egi-sam	20
k				
nagios-plugins-nrpe	x86_64	2.12-1.e15.rf.1.oat	egi-sam	19
k				
nagios-plugins-perl	x86_64	1.4.15-2.e15	epel	11
k				
nagios-plugins-ping	x86_64	1.4.15-2.e15	epel	39
k				
nagios-plugins-procs	x86_64	1.4.15-2.e15	epel	71
k				
nagios-plugins-qcg-comp	noarch	2.6.0-1	egi-sam	17
M				
nagios-plugins-qcg-ntf	x86_64	2.6.0-3	egi-sam	8.1
M				
nagios-plugins-ssh	x86_64	1.4.15-2.e15	epel	33
k				
nagios-plugins-tcp	x86_64	1.4.15-2.e15	epel	39
k				
nagios-plugins-wn-rep	noarch	1.0.0-1.e15	egi-sam	40
k				
ncg-metric-config	noarch	1.3.16-1.e15	egi-sam	13
k				
net-snmp	x86_64	1:5.3.2.2-20.e15	s15x-base	708
k				
net-snmp-perl	x86_64	1:5.3.2.2-20.e15	s15x-base	203
k				
nmap	x86_64	2:4.11-2	s15x-base	668
k				
nordugrid-arc	x86_64	2.0.3-1.e15	UMD-2-updates	1.9
M				
nordugrid-arc-client	x86_64	2.0.3-1.e15	UMD-2-updates	1.1
M				
nordugrid-arc-nagios-plugins	x86_64	1.6.1-1.rc1.e15	egi-sam	156
k				
nordugrid-arc-plugins-needed	x86_64	2.0.3-1.e15	UMD-2-updates	1.6
M				
nordugrid-arc-python	x86_64	2.0.3-1.e15	UMD-2-updates	2.2
M				
openldap-clients	x86_64	2.3.43-25.e15_8.1	s15x-base	224
k				
openssl-devel	x86_64	0.9.8e-26.e15_9.1	s1-security	1.9
M				
perl-Archive-Tar	noarch	1:1.39.1-1.e15_5.2	s15x-base	53
k				
perl-Class-Accessor	noarch	0.34-1.e15.rf	egi-sam	26
k				
perl-Class-Inspector	noarch	1.17-1.e15	epel	25
k				
perl-Class-Singleton	noarch	1.4-1.e15.rf	egi-sam	15
k				
perl-Compress-Zlib	x86_64	1.42-1.fc6	s15x-base	52
k				
perl-Config-General	noarch	2.40-1.e15	s15x-base	68
k				

perl-Config-Tiny	noarch	2.12-1.e15.rf	egi-sam	21
k				
perl-Convert-ASN1	noarch	0.20-1.1	sl5x-base	42
k				
perl-Convert-BinHex	noarch	1.119-5.e15	epel	47
k				
perl-Crypt-OpenSSL-RSA	x86_64	0.28-1.e15.rf	egi-sam	64
k				
perl-Crypt-OpenSSL-Random	x86_64	0.04-1.e15.rf	egi-sam	40
k				
perl-Crypt-OpenSSL-X509	x86_64	0.7-1.e15.rf	egi-sam	46
k				
perl-Crypt-SMIME	x86_64	0.09-1.e15.rf	egi-sam	59
k				
perl-Crypt-SSLeay	x86_64	0.51-11.e15	sl5x-base	45
k				
perl-Curses	x86_64	1.28-1.e15.rf	egi-sam	212
k				
perl-DBD-MySQL	x86_64	3.0007-2.e15	sl5x-base	147
k				
perl-DBD-SQLite	x86_64	1.29-2.e15.rfx	egi-sam	834
k				
perl-DateTime	x86_64	0.5300-2.e15.rf	egi-sam	153
k				
perl-DateTime-Format-Mail	noarch	0.3001-1.e15.rf	egi-sam	25
k				
perl-DateTime-Format-W3CDTF	noarch	0.05-1.e15.rf	egi-sam	17
k				
perl-DateTime-Locale	noarch	0.45-1.e15.rf	egi-sam	2.0
M				
perl-DateTime-TimeZone	noarch	1.08-1.e15.rf	egi-sam	425
k				
perl-Devel-Symdump	noarch	2.08-1.e15.rf	egi-sam	18
k				
perl-Digest-CRC	noarch	0.14-2.e15	egi-sam	9.0
k				
perl-Digest-SHA1	x86_64	2.11-1.2.1	sl5x-base	49
k				
perl-Directory-Queue	noarch	1.6-1.e15	egi-sam	42
k				
perl-GridMon	noarch	1.0.73-1.e15	egi-sam	71
k				
perl-HTML-Parser	x86_64	3.55-1.fc6	sl5x-base	91
k				
perl-HTML-Tagset	noarch	3.10-2.1.1	sl5x-base	15
k				
perl-IO-Socket-SSL	noarch	1.01-2.e15	sl5x-base	50
k				
perl-IO-Zlib	noarch	1.04-4.2.1	sl5x-base	16
k				
perl-IO-stringy	noarch	2.110-5.e15	epel	70
k				
perl-IPC-DirQueue	noarch	1.0-1.e15.rf	egi-sam	54
k				
perl-JSON	noarch	2.50-1.e15.rf	egi-sam	100
k				
perl-LDAP	noarch	1:0.33-4.e15_8	sl5x-base	313
k				
perl-List-MoreUtils	x86_64	0.25.1-1.e15.rf	egi-sam	108
k				
perl-MIME-Lite	noarch	3.01-5.e15	epel	73
k				
perl-MIME-tools	noarch	5.420-3.e15	epel	285
k				
perl-MailTools	noarch	1.77-2.e15	sl5x-base	89
k				
perl-Math-Calc-Units	noarch	1.07-1.e15.rf	egi-sam	31
k				
perl-Messaging-Message	noarch	1.3-1.e15	egi-sam	43
k				
perl-Nagios-NSCA	noarch	0.1-3.e15.oat	egi-sam	12
k				
perl-Nagios-Plugin	noarch	0.35-2.e15.rf	egi-sam	61
k				
perl-Net-SSLeay	x86_64	1.30-4.fc6	sl5x-base	192
k				
perl-Net-STOMP-Client	noarch	1.2-1.e15	egi-sam	69
k				
perl-Nmap-Parser	noarch	1.19-2.e15.rf	egi-sam	32
k				
perl-No-Worries	noarch	1.0-1.e15	epel	87
k				
perl-POE	noarch	1.007-1.e15.rf	egi-sam	550
k				
perl-Params-Validate	x86_64	0.95-1.e15.rf	egi-sam	114
k				
perl-Pod-Coverage	noarch	0.20-1.e15.rf	egi-sam	26
k				
perl-Pod-Escapes	noarch	1.04-1.2.e15.rf	egi-sam	15
k				
perl-Pod-Simple	noarch	3.16-1.e15.rf	egi-sam	212
k				
perl-SOAP-Lite	noarch	0.712-5.e15	epel	348
k				
perl-Sort-Versions	noarch	1.5-1.2.e15.rf	egi-sam	8.9
k				
perl-Sub-Uplevel	noarch	0.2002-1.e15.rf	egi-sam	21
k				
perl-TOM	noarch	2.3-1.e15	egi-sam	89
k				

perl-Test-Exception	noarch	0.31-1.e15.rf	egi-sam	20
k				
perl-Test-Pod	noarch	1.45-1.e15.rf	egi-sam	13
k				
perl-Test-Pod-Coverage	noarch	1.08-1.e15.rf	egi-sam	11
k				
perl-Time-modules	noarch	2006.0814-1.e15.rf	egi-sam	38
k				
perl-TimeDate	noarch	1:1.16-5.e15	s15x-base	32
k				
perl-Tk	x86_64	804.028-3.e15	s15x-base	2.4
M				
perl-URI	noarch	1.35-3	s15x-base	116
k				
perl-XML-DOM	noarch	1.44-2.e15.rf	egi-sam	188
k				
perl-XML-Namespacesupport	noarch	1.09-1.2.1	s15x-base	15
k				
perl-XML-Parser	x86_64	2.34-6.1.2.2.1	s15x-base	209
k				
perl-XML-RSS	noarch	1.48-1.e15.rf	egi-sam	61
k				
perl-XML-RegExp	noarch	0.03-1.2.e15.rf	egi-sam	8.0
k				
perl-XML-SAX	noarch	0.14-13.e15	s15x-base	77
k				
perl-XML-Simple	noarch	2.14-4.fc6	s15x-base	68
k				
perl-XML-Twig	noarch	3.26-1.fc6	s15x-base	193
k				
perl-YAML	noarch	0.72-1.e15.rf	egi-sam	84
k				
perl-libwww-perl	noarch	5.805-1.1.1	s15x-base	376
k				
perl-rrdtool	x86_64	1.4.7-1.e15.rf	egi-sam	55
k				
perl-version	x86_64	1:0.7203-1.e15	epel	47
k				
php-gd	x86_64	5.1.6-40.e15_9	sl-security	119
k				
pisa	noarch	3.0.33.2-1	egi-sam	253
k				
pnp4nagios	x86_64	0.4.12-2.e15	egi-sam	244
k				
poem	noarch	0.9.84-1.e15	egi-sam	275
k				
poem-sync	noarch	0.9.84-1.e15	egi-sam	73
k				
python-GridMon	noarch	1.1.13-1.e15	egi-sam	158
k				
python-argparse	noarch	1.2.1-2.e15	epel	73
k				
python-dateutil	noarch	1.2-1.e15.rf	egi-sam	164
k				
python-django	noarch	1.3.1-1.e15.rf	egi-sam	6.2
M				
python-gd	x86_64	0.56-1.e15	egi-sam	53
k				
python-imaging	x86_64	1.1.5-7.e15	s15x-base	406
k				
python-ldap	x86_64	2.2.0-2.1	s15x-base	123
k				
python-lxml	x86_64	2.0.11-1.e15	egi-sam	1.8
M				
python-ply	noarch	2.3-2.e15.1	epel	119
k				
python-reportlab	x86_64	2.5-3.e15	egi-sam	1.7
M				
python-simplejson	x86_64	2.0.9-3.e15	UMD-2-updates	141
k				
python-ssl	x86_64	1.15-3.e15	egi-sam	26
k				
python-suds	noarch	0.4.1-2.e15	s15x-base	251
k				
python-uuid	noarch	1.30-3.e15	egi-sam	14
k				
qcg-broker-client	noarch	3.0.0-32	egi-sam	20
M				
qcg-broker-nagios-probe	noarch	3.0.0-16	egi-sam	4.7
k				
rrdtool	x86_64	1.4.7-1.e15.rf	egi-sam	916
k				
ruby	x86_64	1.8.5-31.e15_9	sl-security	279
k				
ruby-libs	x86_64	1.8.5-31.e15_9	sl-security	1.6
M				
sam-db	noarch	1.0.19-1.e15	egi-sam	6.5
k				
sam-release	noarch	1.22.0-1.e15	egi-sam	2.8
k				
sam-sync	noarch	1.0.9-1.e15	egi-sam	5.1
k				
srm-ifce	x86_64	1.15.2-1.e15	UMD-2-updates	198
k				
stomppy	noarch	2.0.4-1.e15.1	egi-sam	33
k				
swig	x86_64	1.3.29-2.e15	s15x-base	2.9
M				
tix	x86_64	1:8.4.0-11.fc6	s15x-base	333
k				

tk	x86_64	8.4.13-5.e15_1.1	s15x-base	900
k				
tkinter	x86_64	2.4.3-56.e15	s15x-base	282
k				
ttmkfdir	x86_64	3.0.9-23.e15	s15x-base	46
k				
tzdata-java	x86_64	2013c-2.e15	s1-security	186
k				
uberftp	x86_64	2.4-5.e15	epel	85
k				
unicore-nagios-plugins	noarch	2.2.1-1.s15	egi-sam	4.4
M				
unicore-ucc6	noarch	5.0.0-1.s15	UMD-2-updates	32
M				
unicore-uvos-clc	noarch	1.6.0-0.s15	UMD-2-updates	15
M				
unixODBC-libs	x86_64	2.2.11-10.e15	s15x-base	554
k				
voms	x86_64	2.0.9-1.e15	UMD-2-updates	164
k				
voms-clients	x86_64	2.0.9-1.e15	UMD-2-updates	172
k				
voms-htpasswd	noarch	0.7-3.e15	egi-sam	5.3
k				
voms2htpasswd	noarch	1.12.3-2.e15	egi-sam	9.9
k				
xmlsec1	x86_64	1.2.9-8.1.2	s15x-base	193
k				
xmlsec1-openssl	x86_64	1.2.9-8.1.2	s15x-base	80
k				
xorg-x11-font-utils	x86_64	1:7.1-3	s15x-base	78
k				
xorg-x11-fonts-Type1	noarch	7.1-2.1.e15	s15x-base	1.5
M				
xorg-x11-xfs	x86_64	1:1.0.2-5.e15_6.1	s15x-base	73
k				
zlib-devel	x86_64	1.2.3-7.e15	s15x-base	103
k				
Updating for dependencies:				
perl-DBI	x86_64	1.620-1.e15.rfx	egi-sam	955
k				

Transaction Summary

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==

Install 288 Package(s)
Upgrade 1 Package(s)

Total download size: 230 M
Is this ok [y/N]:

```
# yum replace mysql --replace-with mysql51
Error: Multiple packages found matching 'mysql'. Please remove manually.
#
```

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: