

Table of Contents

Certification Report for Patch 3075 (LB 1.9.4, SLC4, 32-bit).....	1
Origins.....	1
Clean installation.....	1
Environment.....	1
Process.....	1
Full output of the installation.....	2
Tests.....	11
Tests.....	11
In the Wild—Real-World Test.....	15
L&B Harvester Notifications Test.....	18
Review of Linked Bugs (manual regression tests).....	22
#35770.....	22
#48163.....	22
#55482.....	22
Upgrade from production.....	22
Environment.....	22
Process.....	23
Full output of the installation.....	23
Tests.....	40
User Space Tests.....	40
In the Wild Real-World Test.....	40
Server Purge Test (Using Local Server Certificate).....	41
Review of Linked Bugs.....	48
#35770.....	48
#48163.....	48
#55482.....	49
#36336.....	49

Certification Report for Patch 3075 (LB 1.9.4, SLC4, 32-bit)

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Patch: <https://savannah.cern.ch/patch/?3075>

Outcome: Certified

Origins

Build report	http://etics-repository.cern.ch/repository/reports/id/4f2f34d2-309e-47c4-9e02-34f91cc4e623/slc4_ia32_gcc346/
Patch	https://savannah.cern.ch/patch/?3075

Clean installation

Environment

- Clean SLC4 installation according to gLite guidelines (CA certificates, ...)

Process

```
yum -y install createrepo

mkdir /etc/yum.repos.d
cd /etc/yum.repos.d
wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.1/glite-LB.repo

cat <<EOF > /etc/yum.repos.d/glite-local.repo
[main]
[glite-local]
name=Local glite RPMS repository
baseurl=file:///var/cache/glite-local
enabled=1
EOF
mkdir /var/cache/glite-local
cd /var/cache/glite-local

cat <<EOF > list
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.server/1.9.
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.notif-logge
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.logger/1.4.
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.common/6.1.
http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-info-provider-serv
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.glite-LB/3.
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.yaim.core/4.0.
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.yaim.lb/4.2.1/
http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-version/3.2.1/noar
EOF
wget -i list
createrepo .

yum install glite-LB
cd ~/
mkdir -m 700 yaim
cd yaim
```

CertificationReportForPatch3075 < EGEE < TWiki

```
cat <<EOF > site-info.def
GLITE_LB_RTM_ENABLED=true
MYSQL_PASSWORD=no_password
SITE_NAME=forkys
SITE_EMAIL="valtri@civ.zcu.cz"
EOF
/opt/glite/yaim/bin/yaim -c -s ./site-info.def -n glite-LB
```

Full output of the installation

```
[root@forkys-sl34 ~]# cat /etc/issue
Scientific Linux SL release 4.8 (Beryllium)
Kernel \r on an \m

[root@forkys-sl34 ~]# uname -a
Linux forkys-sl34 2.6.9-89.0.20.ELsmp #1 SMP Tue Feb 2 20:15:12 CST 2010 i686 i686 i386 GNU/Linux
[root@forkys-sl34 ~]# yum -y install createrepo
Loading "kernel-module" plugin
Setting up Install Process
Setting up repositories
dag                               100% |=====| 1.1 kB    00:00
eurogridpma                       100% |=====| 951 B     00:00
sl-errata                         100% |=====| 1.9 kB    00:00
sl-base                           100% |=====| 1.1 kB    00:00
Reading repository metadata in from local files
primary.xml.gz                   100% |=====| 24 kB     00:00
eurogridpm: ##### 203/203
Added 203 new packages, deleted 203 old in 0.91 seconds
primary.xml.gz                   100% |=====| 196 kB    00:02
sl-errata : ##### 792/792
Added 82 new packages, deleted 0 old in 0.74 seconds
Parsing package install arguments
Nothing to do
[root@forkys-sl34 ~]#
[root@forkys-sl34 ~]# mkdir /etc/yum.repos.d
mkdir: cannot create directory `/etc/yum.repos.d': File exists
[root@forkys-sl34 ~]# cd /etc/yum.repos.d
[root@forkys-sl34 yum.repos.d]# wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos
--14:10:23-- http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.1/glite-LB.repo
=> `glite-LB.repo'
Resolving grid-deployment.web.cern.ch... 137.138.143.225, 137.138.142.195
Connecting to grid-deployment.web.cern.ch|137.138.143.225|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 350 [text/plain]

100%[=====>] 350          --.--K/s

14:10:23 (83.45 MB/s) - `glite-LB.repo' saved [350/350]

[root@forkys-sl34 yum.repos.d]# cat << EOF > /etc/yum.repos.d/glite-local.repo
> [main]
> [glite-local]
> name=Local glite RPMS repository
> baseurl=file:///var/cache/glite-local
> enabled=1
> EOF
[root@forkys-sl34 yum.repos.d]# mkdir /var/cache/glite-local
[root@forkys-sl34 yum.repos.d]# cd /var/cache/glite-local
[root@forkys-sl34 glite-local]# cat << EOF > list
> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.server/1.
> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.notif-log
> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.logger/1.
> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.common/6.
> http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-info-provider-se
> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.glite-LB/
> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.yaim.core/4.
```

CertificationReportForPatch3075 < EGEE < TWiki

```
> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.yaim.lb/4.2.
> http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-version/3.2.1/no
> EOF
[root@forkys-sl34 glite-local]# wget -i list
--14:10:47-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-lb-server-1.9.4-1.slc4.i386.rpm'
Resolving etics-repository.cern.ch... 128.142.130.60
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified

[ <=> ] 745,147 601.14K/s

14:10:50 (600.10 KB/s) - `glite-lb-server-1.9.4-1.slc4.i386.rpm' saved [745147]

--14:10:50-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-lb-notif-logger-1.0.0-3.slc4.i386.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified

[ <=> ] 26,210 43.46K/s

14:10:50 (43.41 KB/s) - `glite-lb-notif-logger-1.0.0-3.slc4.i386.rpm' saved [26210]

--14:10:50-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-lb-logger-1.4.11-3.slc4.i386.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified

[ <=> ] 46,671 ---K/s

14:10:50 (814.58 KB/s) - `glite-lb-logger-1.4.11-3.slc4.i386.rpm' saved [46671]

--14:10:50-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-lb-common-6.1.3-2.slc4.i386.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified

[ <=> ] 672,884 1.18M/s

14:10:51 (1.18 MB/s) - `glite-lb-common-6.1.3-2.slc4.i386.rpm' saved [672884]

--14:10:51-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-info-provider-service-1.1.7-0.noarch.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified

[ <=> ] 26,263 ---K/s

14:10:51 (677.95 KB/s) - `glite-info-provider-service-1.1.7-0.noarch.rpm' saved [26263]

--14:10:51-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-LB-3.1.17-1.slc4.i386.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2,638 (2.6K)

100%[=====>] 2,638 ---K/s

14:10:51 (503.16 MB/s) - `glite-LB-3.1.17-1.slc4.i386.rpm' saved [2638/2638]

--14:10:51-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-yaim-core-4.0.11-2.noarch.rpm'
```

CertificationReportForPatch3075 < EGEE < TWiki

Reusing existing connection to etics-repository.cern.ch:80.
HTTP request sent, awaiting response... 200 OK
Length: unspecified

[<=>] 121,636 101.01K/s

14:10:53 (101.00 KB/s) - `glite-yaim-core-4.0.11-2.noarch.rpm' saved [121636]

--14:10:53-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-yaim-lb-4.2.1-1.noarch.rpm'
Connecting to etics-repository.cern.ch[128.142.130.60]:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified

[<=>] 9,166 --.--K/s

14:10:53 (11.01 MB/s) - `glite-yaim-lb-4.2.1-1.noarch.rpm' saved [9166]

--14:10:53-- http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-vers
=> `glite-version-3.2.1-1.noarch.rpm'
Connecting to etics-repository.cern.ch[128.142.130.60]:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4,828 (4.7K)

100%[=====>] 4,828 30.82K/s

14:10:53 (30.69 KB/s) - `glite-version-3.2.1-1.noarch.rpm' saved [4828/4828]

FINISHED --14:10:53--

Downloaded: 1,655,443 bytes in 9 files

[root@forkys-sl34 glite-local]# createrepo .

9/9 - glite-lb-common-6.1.3-2.slc4.i386.rpm

Saving Primary metadata

Saving file lists metadata

Saving other metadata

[root@forkys-sl34 glite-local]# cd ~/

[root@forkys-sl34 ~]#

[root@forkys-sl34 ~]# yum install glite-LB

Loading "kernel-module" plugin

Setting up Install Process

Setting up repositories

glite-local 100% |=====| 951 B 00:00

glite-LB 100% |=====| 951 B 00:00

Reading repository metadata in from local files

primary.xml.gz 100% |=====| 2.8 kB 00:00

glite-loca: ##### 9/9

Added 9 new packages, deleted 0 old in 0.02 seconds

primary.xml.gz 100% |=====| 21 kB 00:00

glite-LB : ##### 93/93

Added 93 new packages, deleted 0 old in 0.41 seconds

Parsing package install arguments

Resolving Dependencies

--> Populating transaction set with selected packages. Please wait.

--> Downloading header for glite-LB to pack into transaction set.

glite-LB-3.1.18-0.i386.rp 100% |=====| 3.1 kB 00:00

---> Package glite-LB.i386 0:3.1.18-0 set to be updated

--> Running transaction check

--> Processing Dependency: glite-info-provider-release >= 1.0.0-5 for package: glite-LB

--> Processing Dependency: glite-lb-ws-interface >= 2.5.1-1 for package: glite-LB

--> Processing Dependency: python-logging >= 0.4.6-1 for package: glite-LB

--> Processing Dependency: glite-security-voms-api-cpp >= 1.8.12-1 for package: glite-LB

--> Processing Dependency: glite-security-gsoap-plugin >= 1.5.3-1 for package: glite-LB

--> Processing Dependency: lcg-mon-job-status >= 2.0.8-1 for package: glite-LB

--> Processing Dependency: glite-lb-logger >= 1.4.11-1 for package: glite-LB

--> Processing Dependency: glite-info-generic >= 2.0.2-3 for package: glite-LB

--> Processing Dependency: glite-info-provider-service >= 1.1.4-0 for package: glite-LB

Full output of the installation

CertificationReportForPatch3075 < EGEE < TWiki

```
--> Processing Dependency: glite-jp-common >= 1.3.0-3 for package: glite-LB
--> Processing Dependency: c-ares >= 1.3.0-4 for package: glite-LB
--> Processing Dependency: gridsite-shared >= 1.1.18.1-1 for package: glite-LB
--> Processing Dependency: glite-lb-client >= 3.2.2-1 for package: glite-LB
--> Processing Dependency: glite-rgma-api-python >= 5.0.12-3 for package: glite-LB
--> Processing Dependency: lcg-mon-logfile-common >= 1.0.6-2 for package: glite-LB
--> Processing Dependency: vdt_globus_essentials >= VDT1.6.1x86_rhas_4-9 for package: glite-LB
--> Processing Dependency: glite-lb-client-interface >= 3.2.1-1 for package: glite-LB
--> Processing Dependency: classads >= 0.9.8-2 for package: glite-LB
--> Processing Dependency: glite-info-templates >= 1.0.0-11 for package: glite-LB
--> Processing Dependency: glite-lb-common >= 6.1.3-1 for package: glite-LB
--> Processing Dependency: glite-lb-utils >= 1.3.0-1 for package: glite-LB
--> Processing Dependency: glite-yaim-lb >= 4.1.0-1 for package: glite-LB
--> Processing Dependency: glite-security-voms-api-c >= 1.8.12-1 for package: glite-LB
--> Processing Dependency: glite-yaim-core >= 4.0.11-2 for package: glite-LB
--> Processing Dependency: glite-wms-utils-exception >= 3.1.3-2 for package: glite-LB
--> Processing Dependency: glite-lb-server >= 1.9.2-1 for package: glite-LB
--> Processing Dependency: glite-lb-proxy >= 1.5.3-1 for package: glite-LB
--> Processing Dependency: mysql-server for package: glite-LB
--> Processing Dependency: bdii >= 4.0.1-4 for package: glite-LB
--> Processing Dependency: gpt >= VDT1.6.0x86_rhas_4-1 for package: glite-LB
--> Processing Dependency: glite-lb-server-bones >= 2.2.7-1 for package: glite-LB
--> Processing Dependency: glite-wms-utils-jobid >= 3.1.5-1 for package: glite-LB
--> Processing Dependency: glite-version >= 3.1.0-1 for package: glite-LB
--> Processing Dependency: glue-schema >= 1.3.0-5 for package: glite-LB
--> Processing Dependency: glite-security-voms-api-noglobus >= 1.8.8-2 for package: glite-LB
--> Processing Dependency: glite-rgma-base >= 5.0.7-1 for package: glite-LB
--> Processing Dependency: lcg-service-proxy >= 1.0.3-2 for package: glite-LB
--> Restarting Dependency Resolution with new changes.
--> Populating transaction set with selected packages. Please wait.
---> Downloading header for lcg-mon-logfile-common to pack into transaction set.
lcg-mon-logfile-common-1.100% |=====| 2.1 kB 00:00
---> Package lcg-mon-logfile-common.noarch 0:1.0.6-2 set to be updated
---> Downloading header for glite-lb-client to pack into transaction set.
glite-lb-client-3.2.2-1.s100% |=====| 16 kB 00:00
---> Package glite-lb-client.i386 0:3.2.2-1.slc4 set to be updated
---> Downloading header for glite-lb-ws-interface to pack into transaction set.
glite-lb-ws-interface-2.5100% |=====| 2.1 kB 00:00
---> Package glite-lb-ws-interface.i386 0:2.5.1-1.slc4 set to be updated
---> Downloading header for glue-schema to pack into transaction set.
glue-schema-1.3.0-5.noarc100% |=====| 2.8 kB 00:00
---> Package glue-schema.noarch 0:1.3.0-5 set to be updated
---> Downloading header for lcg-service-proxy to pack into transaction set.
lcg-service-proxy-1.0.3-2100% |=====| 1.5 kB 00:00
---> Package lcg-service-proxy.noarch 0:1.0.3-2 set to be updated
---> Downloading header for glite-yaim-core to pack into transaction set.
glite-yaim-core-4.0.11-2.100% |=====| 14 kB 00:00
---> Package glite-yaim-core.noarch 0:4.0.11-2 set to be updated
---> Downloading header for glite-lb-server to pack into transaction set.
glite-lb-server-1.9.4-1.s100% |=====| 7.2 kB 00:00
---> Package glite-lb-server.i386 0:1.9.4-1.slc4 set to be updated
---> Downloading header for glite-lb-utils to pack into transaction set.
glite-lb-utils-1.3.0-1.sl100% |=====| 4.5 kB 00:00
---> Package glite-lb-utils.i386 0:1.3.0-1.slc4 set to be updated
---> Downloading header for glite-security-gsoap-plugin to pack into transaction set.
glite-security-gsoap-plug100% |=====| 11 kB 00:00
---> Package glite-security-gsoap-plugin.i386 0:1.5.3-1.slc4 set to be updated
---> Downloading header for glite-rgma-api-python to pack into transaction set.
glite-rgma-api-python-5.0100% |=====| 3.4 kB 00:00
---> Package glite-rgma-api-python.noarch 0:5.0.12-3 set to be updated
---> Downloading header for classads to pack into transaction set.
classads-0.9.8-2.slc4.i68100% |=====| 6.4 kB 00:00
---> Package classads.i686 0:0.9.8-2.slc4 set to be updated
---> Downloading header for glite-security-voms-api-c to pack into transaction set.
glite-security-voms-api-c100% |=====| 7.2 kB 00:00
---> Package glite-security-voms-api-c.i386 0:1.8.12-1.slc4 set to be updated
---> Downloading header for glite-info-templates to pack into transaction set.
```

CertificationReportForPatch3075 < EGEE < TWiki

```
glite-info-templates-1.0. 100% |=====| 3.6 kB    00:00
--> Package glite-info-templates.noarch 0:1.0.0-11 set to be updated
--> Downloading header for glite-lb-server-bones to pack into transaction set.
glite-lb-server-bones-2.2 100% |=====| 2.4 kB    00:00
--> Package glite-lb-server-bones.i386 0:2.2.7-1.slc4 set to be updated
--> Downloading header for lcg-mon-job-status to pack into transaction set.
lcg-mon-job-status-2.0.8- 100% |=====| 1.7 kB    00:00
--> Package lcg-mon-job-status.noarch 0:2.0.8-1 set to be updated
--> Downloading header for glite-security-voms-api-cpp to pack into transaction set.
glite-security-voms-api-c 100% |=====| 7.3 kB    00:00
--> Package glite-security-voms-api-cpp.i386 0:1.8.12-1.slc4 set to be updated
--> Downloading header for glite-lb-client-interface to pack into transaction set.
glite-lb-client-interface 100% |=====| 35 kB    00:00
--> Package glite-lb-client-interface.i386 0:3.2.1-1.slc4 set to be updated
--> Downloading header for glite-info-provider-service to pack into transaction set.
glite-info-provider-servi 100% |=====| 6.6 kB    00:00
--> Package glite-info-provider-service.noarch 0:1.1.7-0 set to be updated
--> Downloading header for glite-wms-utils-exception to pack into transaction set.
glite-wms-utils-exception 100% |=====| 3.4 kB    00:00
--> Package glite-wms-utils-exception.i386 0:3.1.3-2.slc4 set to be updated
--> Downloading header for glite-info-provider-release to pack into transaction set.
glite-info-provider-relea 100% |=====| 1.7 kB    00:00
--> Package glite-info-provider-release.noarch 0:1.0.0-5 set to be updated
--> Downloading header for glite-wms-utils-jobid to pack into transaction set.
glite-wms-utils-jobid-3.1 100% |=====| 4.2 kB    00:00
--> Package glite-wms-utils-jobid.i386 0:3.1.5-1.slc4 set to be updated
--> Downloading header for glite-lb-proxy to pack into transaction set.
glite-lb-proxy-1.5.3-1.sl 100% |=====| 4.2 kB    00:00
--> Package glite-lb-proxy.i386 0:1.5.3-1.slc4 set to be updated
--> Downloading header for glite-version to pack into transaction set.
glite-version-3.1.0-1.slc 100% |=====| 1.5 kB    00:00
--> Package glite-version.i386 0:3.1.0-1.slc4 set to be updated
--> Downloading header for gpt to pack into transaction set.
gpt-VDT1.6.0x86_rhas_4-1. 100% |=====| 25 kB    00:00
--> Package gpt.i386 0:VDT1.6.0x86_rhas_4-1 set to be updated
--> Downloading header for glite-lb-common to pack into transaction set.
glite-lb-common-6.1.3-2.s 100% |=====| 5.8 kB    00:00
--> Package glite-lb-common.i386 0:6.1.3-2.slc4 set to be updated
--> Downloading header for glite-jp-common to pack into transaction set.
glite-jp-common-1.3.0-3.s 100% |=====| 4.3 kB    00:00
--> Package glite-jp-common.i386 0:1.3.0-3.slc4 set to be updated
--> Downloading header for vdt_globus_essentials to pack into transaction set.
vdt_globus_essentials-VDT 100% |=====| 172 kB   00:01
--> Package vdt_globus_essentials.i386 0:VDT1.6.1x86_rhas_4-9 set to be updated
--> Downloading header for glite-lb-logger to pack into transaction set.
glite-lb-logger-1.4.11-3. 100% |=====| 3.6 kB    00:00
--> Package glite-lb-logger.i386 0:1.4.11-3.slc4 set to be updated
--> Downloading header for bdii to pack into transaction set.
bdii-4.0.1-4.noarch.rpm   100% |=====| 4.7 kB    00:00
--> Package bdii.noarch 0:4.0.1-4 set to be updated
--> Downloading header for mysql-server to pack into transaction set.
mysql-server-4.1.22-2.el4 100% |=====| 31 kB    00:01
--> Package mysql-server.i386 0:4.1.22-2.el4_8.3 set to be updated
--> Downloading header for python-logging to pack into transaction set.
python-logging-0.4.6-1.no 100% |=====| 2.3 kB    00:00
--> Package python-logging.noarch 0:0.4.6-1 set to be updated
--> Downloading header for glite-yaim-lb to pack into transaction set.
glite-yaim-lb-4.2.1-1.noa 100% |=====| 3.6 kB    00:00
--> Package glite-yaim-lb.noarch 0:4.2.1-1 set to be updated
--> Downloading header for glite-rgma-base to pack into transaction set.
glite-rgma-base-5.0.7-1.n 100% |=====| 6.6 kB    00:00
--> Package glite-rgma-base.noarch 0:5.0.7-1 set to be updated
--> Downloading header for glite-security-voms-api-noglobus to pack into transaction set.
glite-security-voms-api-n 100% |=====| 2.5 kB    00:00
--> Package glite-security-voms-api-noglobus.i386 0:1.8.8-2.slc4 set to be updated
--> Downloading header for gridsite-shared to pack into transaction set.
gridsite-shared-1.1.18.1- 100% |=====| 6.1 kB    00:00
```

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```

---> Package gridsite-shared.i386 0:1.1.18.1-1 set to be updated
---> Downloading header for glite-info-generic to pack into transaction set.
glite-info-generic-2.0.2- 100% |=====| 2.9 kB    00:00
---> Package glite-info-generic.noarch 0:2.0.2-3 set to be updated
---> Downloading header for c-ares to pack into transaction set.
c-ares-1.3.0-4.slc4.i686. 100% |=====| 5.5 kB    00:00
---> Package c-ares.i686 0:1.3.0-4.slc4 set to be updated
--> Running transaction check
--> Processing Dependency: glite-lb-notif-logger >= 1.0.0 for package: glite-lb-server
--> Processing Dependency: openldap-servers for package: bdi
--> Processing Dependency: mysql = 4.1.22-2.el4_8.3 for package: mysql-server
--> Restarting Dependency Resolution with new changes.
--> Populating transaction set with selected packages. Please wait.
---> Downloading header for mysql to pack into transaction set.
mysql-4.1.22-2.el4_8.3.i3 100% |=====| 37 kB    00:00
---> Package mysql.i386 0:4.1.22-2.el4_8.3 set to be updated
---> Downloading header for openldap-servers to pack into transaction set.
openldap-servers-2.2.13-1 100% |=====| 40 kB    00:00
---> Package openldap-servers.i386 0:2.2.13-12.el4 set to be updated
---> Downloading header for glite-lb-notif-logger to pack into transaction set.
glite-lb-notif-logger-1.0 100% |=====| 2.6 kB    00:00
---> Package glite-lb-notif-logger.i386 0:1.0.0-3.slc4 set to be updated
--> Running transaction check
--> Processing Dependency: mysql = 4.1.22-2.el4.sl for package: mysql-devel
--> Restarting Dependency Resolution with new changes.
--> Populating transaction set with selected packages. Please wait.
---> Downloading header for mysql-devel to pack into transaction set.
mysql-devel-4.1.22-2.el4_ 100% |=====| 26 kB    00:01
---> Package mysql-devel.i386 0:4.1.22-2.el4_8.3 set to be updated
--> Running transaction check
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

Dependencies Resolved

```

=====
Package                Arch          Version          Repository        Size
=====
Installing:
glite-LB                i386          3.1.18-0         glite-LB          3.6 k
Installing for dependencies:
bdii                    noarch        4.0.1-4          glite-LB          22 k
c-ares                  i686          1.3.0-4.slc4     glite-LB          93 k
classads                i686          0.9.8-2.slc4     glite-LB          1.0 M
glite-info-generic      noarch        2.0.2-3          glite-LB          5.4 k
glite-info-provider-release noarch        1.0.0-5          glite-LB          2.7 k
glite-info-provider-service noarch        1.1.7-0          glite-local       26 k
glite-info-templates    noarch        1.0.0-11         glite-LB          8.2 k
glite-jp-common         i386          1.3.0-3.slc4     glite-LB          92 k
glite-lb-client         i386          3.2.2-1.slc4     glite-LB          1.4 M
glite-lb-client-interface i386          3.2.1-1.slc4     glite-LB          467 k
glite-lb-common         i386          6.1.3-2.slc4     glite-local       657 k
glite-lb-logger         i386          1.4.11-3.slc4    glite-local       46 k
glite-lb-notif-logger   i386          1.0.0-3.slc4     glite-local       26 k
glite-lb-proxy          i386          1.5.3-1.slc4     glite-LB          108 k
glite-lb-server         i386          1.9.4-1.slc4     glite-local       728 k
glite-lb-server-bones   i386          2.2.7-1.slc4     glite-LB          20 k
glite-lb-utils          i386          1.3.0-1.slc4     glite-LB          26 k
glite-lb-ws-interface   i386          2.5.1-1.slc4     glite-LB          22 k
glite-rgma-api-python   noarch        5.0.12-3         glite-LB          46 k
glite-rgma-base         noarch        5.0.7-1          glite-LB          1.5 M
glite-security-gsoap-plugin i386          1.5.3-1.slc4     glite-LB          1.2 M
glite-security-voms-api-c i386          1.8.12-1.slc4    glite-LB          4.0 M
glite-security-voms-api-cpp i386          1.8.12-1.slc4    glite-LB          4.0 M
glite-security-voms-api-noglobus i386          1.8.8-2.slc4     glite-LB          1.9 M
glite-version           i386          3.1.0-1.slc4     glite-LB          1.9 k
glite-wms-utils-exception i386          3.1.3-2.slc4     glite-LB          55 k

```


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glite-wms-utils-jobid	i386	3.1.5-1.slc4	glite-LB	95 k
glite-yaim-core	noarch	4.0.11-2	glite-LB	119 k
glite-yaim-lb	noarch	4.2.1-1	glite-local	9.0 k
glue-schema	noarch	1.3.0-5	glite-LB	30 k
gpt	i386	VDT1.6.0x86_rhas_4-1	glite-LB	854 k
gridsite-shared	i386	1.1.18.1-1	glite-LB	75 k
lcg-mon-job-status	noarch	2.0.8-1	glite-LB	3.7 k
lcg-mon-logfile-common	noarch	1.0.6-2	glite-LB	6.0 k
lcg-service-proxy	noarch	1.0.3-2	glite-LB	2.4 k
mysql-server	i386	4.1.22-2.e14_8.3	sl-errata	9.9 M
openldap-servers	i386	2.2.13-12.e14	sl-base	3.2 M
python-logging	noarch	0.4.6-1	glite-LB	104 k
vdt_globus_essentials	i386	VDT1.6.1x86_rhas_4-9	glite-LB	16 M
Updating for dependencies:				
mysql	i386	4.1.22-2.e14_8.3	sl-errata	3.1 M
mysql-devel	i386	4.1.22-2.e14_8.3	sl-errata	2.1 M

Transaction Summary

```

=====
Install      40 Package(s)
Update       2 Package(s)
Remove       0 Package(s)
Total download size: 53 M
Is this ok [y/N]: y

```

Downloading Packages:

```

(1/42): lcg-mon-logfile-c 100% |=====| 6.0 kB    00:00
(2/42): glite-lb-client-3 100% |=====| 1.4 MB    00:04
(3/42): glite-lb-ws-inter 100% |=====| 22 kB     00:00
(4/42): glue-schema-1.3.0 100% |=====| 30 kB     00:00
(5/42): lcg-service-proxy 100% |=====| 2.4 kB    00:00
(6/42): glite-yaim-core-4 100% |=====| 119 kB    00:00
(8/42): glite-lb-utils-1. 100% |=====| 26 kB     00:00
(9/42): glite-security-gs 100% |=====| 1.2 MB    00:02
(10/42): glite-rgma-api-p 100% |=====| 46 kB     00:00
(11/42): classads-0.9.8-2 100% |=====| 1.0 MB    00:01
(12/42): glite-security-v 100% |=====| 4.0 MB    00:02
(13/42): glite-info-templ 100% |=====| 8.2 kB    00:00
(14/42): glite-lb-server- 100% |=====| 20 kB     00:00
(15/42): lcg-mon-job-stat 100% |=====| 3.7 kB    00:00
(16/42): glite-security-v 100% |=====| 4.0 MB    00:16
(17/42): mysql-4.1.22-2.e 100% |=====| 3.1 MB    00:23
(18/42): glite-lb-client- 100% |=====| 467 kB    00:00
(20/42): glite-wms-utils- 100% |=====| 55 kB     00:00
(21/42): glite-info-provi 100% |=====| 2.7 kB    00:00
(22/42): glite-wms-utils- 100% |=====| 95 kB     00:00
(23/42): glite-lb-proxy-1 100% |=====| 108 kB    00:00
(24/42): glite-version-3. 100% |=====| 1.9 kB    00:00
(25/42): gpt-VDT1.6.0x86_ 100% |=====| 854 kB    00:00
(26/42): openldap-servers 100% |=====| 3.2 MB    00:10
(29/42): glite-jp-common- 100% |=====| 92 kB     00:00
(30/42): vdt_globus_essen 100% |=====| 16 MB     00:04
(31/42): glite-LB-3.1.18- 100% |=====| 3.6 kB    00:00
(33/42): bdii-4.0.1-4.noa 100% |=====| 22 kB     00:00
(34/42): mysql-server-4.1 100% |=====| 9.9 MB    00:11
(35/42): python-logging-0 100% |=====| 104 kB    00:00
(37/42): glite-rgma-base- 100% |=====| 1.5 MB    00:00
(38/42): glite-security-v 100% |=====| 1.9 MB    00:00
(39/42): gridsite-shared- 100% |=====| 75 kB     00:00
(40/42): glite-info-gener 100% |=====| 5.4 kB    00:00
(41/42): c-ares-1.3.0-4.s 100% |=====| 93 kB     00:00
(42/42): mysql-devel-4.1. 100% |=====| 2.1 MB    00:02

```

Running Transaction Test

```

Finished Transaction Test
Transaction Test Succeeded

```

Running Transaction

```

  Updating   : mysql                ##### [ 1/44]
  Installing : c-ares                ##### [ 2/44]

```

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```
Installing: gridsite-shared ##### [ 3/44]
Installing: glite-lb-server-bones ##### [ 4/44]
Installing: mysql-server ##### [ 5/44]
Installing: glite-info-generic ##### [ 6/44]
Installing: glite-rgma-base ##### [ 7/44]
Installing: glite-rgma-api-python ##### [ 8/44]
Installing: python-logging ##### [ 9/44]
Installing: gpt ##### [10/44]
Using system tar and gzip programs to unpack packages
GNU tar located at /bin/tar
GNU zip located at /bin/gzip
GNU unzip located at /bin/gunzip
GNU make located at /usr/bin/make
Perl located at /usr/bin/perl
rpm located at /bin/rpm
rpmbuild located at /usr/bin/rpmbuild
RPM Package License set to GNU
RPM Package Vendor set to NCSA
RPM Package FTP Site set to ftp.ncsa.uiuc.edu
RPM Package URL set to http://www.gridpackaging.org
RPM Packager set to NCSA
RPM Prefix set to /usr/grid
GNU target platform set to i686-pc-linux-gnu
Installing: vdt_globus_essentials ##### [11/44]
Installing: glite-security-gsoap-plugin ##### [12/44]
Installing: lcg-service-proxy ##### [13/44]
Installing: glite-security-voms-api-c ##### [14/44]
Installing: glite-security-voms-api-cpp ##### [15/44]
Installing: glite-jp-common ##### [16/44]
Installing: glite-wms-utils-exception ##### [17/44]
Installing: glite-wms-utils-jobid ##### [18/44]
Installing: glite-lb-common ##### [19/44]
Installing: glite-lb-client ##### [20/44]
Installing: glite-lb-client-interface ##### [21/44]
Installing: classads ##### [22/44]
Installing: glite-lb-ws-interface ##### [23/44]
Installing: glite-lb-proxy ##### [24/44]
Installing: glite-lb-notif-logger ##### [25/44]
Installing: glite-lb-server ##### [26/44]
Installing: glite-lb-utils ##### [27/44]
Installing: glite-lb-logger ##### [28/44]
Installing: lcg-mon-logfile-common ##### [29/44]
Installing: glite-info-templates ##### [30/44]
Installing: glite-security-voms-api-nogl ##### [31/44]
Installing: glite-yaim-lb ##### [32/44]
Installing: openldap-servers ##### [33/44]
Installing: bdii ##### [34/44]
Installing: glite-version ##### [35/44]
Installing: glite-info-provider-release ##### [36/44]
Installing: glite-info-provider-service ##### [37/44]
Installing: lcg-mon-job-status ##### [38/44]
Installing: glite-yaim-core ##### [39/44]
Installing: glue-schema ##### [40/44]
Installing: glite-LB ##### [41/44]
Updating : mysql-devel ##### [42/44]
Cleanup : mysql ##### [43/44]
Cleanup : mysql-devel ##### [44/44]

Installed: glite-LB.i386 0:3.1.18-0
Dependency Installed: bdii.noarch 0:4.0.1-4 c-ares.i686 0:1.3.0-4.slc4 classads.i686 0:0.9.8-2.s
Dependency Updated: mysql.i386 0:4.1.22-2.el4_8.3 mysql-devel.i386 0:4.1.22-2.el4_8.3
Complete!
[root@forkys-sl34 ~]# mkdir -m 700 yaim
[root@forkys-sl34 ~]# cd yaim
[root@forkys-sl34 yaim]# cat << EOF > site-info.def
> GLITE_LB_RTM_ENABLED=true
> MYSQL_PASSWORD=no_password
```

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```
> SITE_NAME=forkys
> SITE_EMAIL="valtri@civ.zcu.cz"
> EOF
[root@forkys-sl34 yaim]# /opt/glite/yaim/bin/yaim -c -s ./site-info.def -n glite-LB
INFO: Using site configuration file: ./site-info.def
INFO:
#####

.          /'.-. ')
.      yA,-"-,( ,m,:/ ) .oo.      oo      o      ooo o.      .oo
.      /          .-Y a  a Y-.      8. .8'      8'8.      8      8b  d'8
.      /          ~ ~ /          8'      .8oo88.      8      8 8' 8
.      (_/          '===='          8      .8'      8.      8      8 Y 8
.      Y,-''-',Yy,-.,/          o8o o8o      o88o o8o o8o      o8o
.      I_)_) I_)_)

current working directory: /root/yaim
site-info.def date: Feb 23 14:24 ./site-info.def
yaim command: -c -s ./site-info.def -n glite-LB
log file: /opt/glite/yaim/bin/./log/yaimlog
Tue Feb 23 14:24:35 CET 2010 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:
glite-yaim-core 4.0.11-2
glite-yaim-lb 4.2.1-1

#####
INFO: The default location of the grid-env.(c)sh files will be: /opt/glite/etc/profile.d
INFO: Sourcing the utilities in /opt/glite/yaim/functions/utils
INFO: Detecting environment
INFO: Executing function: config_add_pool_env_check
INFO: Executing function: config_host_certs_check
INFO: Executing function: config_edgusers_check
INFO: Executing function: config_gip_lb_check
INFO: Executing function: config_info_service_lb_check
INFO: Executing function: config_globus_clients_check
INFO: Executing function: config_glite_lb_check
INFO: Executing function: config_glite_locallogger_check
INFO: Executing function: config_bdii_only_check
INFO: Executing function: config_add_pool_env_setenv
INFO: Executing function: config_add_pool_env
INFO: Executing function: config_crl
INFO: Now updating the CRLs - this may take a few minutes...
WARNING: /opt/glite/libexec/fetch-crl.sh didn't finish succesfully
WARNING: CRLs may not be updated, please have a look !
INFO: Executing function: config_host_certs
INFO: Executing function: config_edgusers
INFO: Executing function: config_gip_only
INFO: Executing function: config_gip_lb
INFO: Executing function: config_info_service_lb_setenv
INFO: Executing function: config_info_service_lb
INFO: Executing function: config_gip_service_release
INFO: Executing function: config_globus_clients_setenv
INFO: Executing function: config_globus_clients
INFO: Configure the globus service
setup-tmpdirs: creating ./config.status
config.status: creating globus-script-initializer
config.status: creating Paths.pm
creating globus-sh-tools-vars.sh
creating globus-script-initializer
creating Globus::Core::Paths
checking globus-hostname
Done
INFO: Executing function: config_glite_lb_setenv
INFO: Executing function: config_glite_lb
Initializing MySQL database: [ OK ]
```

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```
Starting MySQL: [ OK ]
glite-lb-notif-interlogd: no process killed
/var/glite/glite-lb-bkserverd.pid does not exist - glite-lb-bkserverd not running?
[11757]: DB '(null)'
Dropping indices ...
Dropping columns ...
Adding columns ...
    STD_lastUpdateTime
Refreshing data ...
Creating indices ...
    zuXV8catycerZ2wsmeCLyw(`STD_lastUpdateTime`) ... done
Stopping glite-lb-notif-interlogd ...done
Starting glite-lb-bkserverd ... done
Starting glite-lb-notif-interlogd ...glite-lb-interlogd: no process killed
glite-lb-logd: no process killed
glite-lb-interlogd: no process killed
[11952] Initializing...
[11952] Parse messages for correctness... [yes]
[11952] Send messages also to inter-logger... [yes]
[11952] Messages will be stored with the filename prefix "/var/glite/log/dglogd.log".
[11952] Server running with certificate: /C=CZ/O=University of West Bohemia/CN=forkys.zcu.cz
[11952] Listening on port 9002
[11952] Running as daemon... [yes]
done
    INFO: Executing function: config_glite_locallogger_setenv
    INFO: Executing function: config_glite_locallogger
    INFO: Applying the workaround for bug 22389...
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ... done
Starting glite-lb-logd ...This is LocalLogger, part of Workload Management System in EU DataGrid
done
Starting glite-lb-interlogd ... done
    INFO: Executing function: config_glite_initd
    INFO: Executing function: config_bdii_only
Stopping BDII [FAILED]
Starting BDII [ OK ]
    INFO: Configuration Complete. [ OK ]
    INFO: YAIM terminated succesfully.
[root@forkys-s134 yaim]# Script done, file is /root/3075.log
[root@forkys-s134 ~]#
```

Tests

Tests

TestPlan	https://twiki.cern.ch/twiki/bin/view/EGEE/LBTestPlan
TestPlan Tests	http://glite.cvs.cern.ch/cgi-bin/glite.cgi/org.glite.testsuites.ctb/LB/tests/
TestPlan Test Documentation	http://egee.cesnet.cz/cvsweb/LB/LBTP.pdf

- notification tests were not used (tests written for LB 2.0)
- purge test was slight modified to support LB 1.9.4:
 - ◆ glite-lb-purge utility moved
 - ◆ **other** state check in **dry run** skipped (known bug)
 - ◆ failing zombie tests are OK (implemented in LB 2.0)

```
[glite@forkys-s134 tests]$ ./lb-test-job-registration.sh --html
```

Jan 29 15:47:31 forkys-s134 lb-test-job-registration.sh: start

Testing if all binaries are available **done**

Testing credentials **done**

Registering testing job **done**

Is the testing job (<https://forkys-s134.zcu.cz:9000/-p5Q5a9ca4MNBzh0KTKaK-Q>) in a correct state?

Submitted **done**

Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **Jan 29 15:47:32 forkys-sl34 lb-test-job-registration.sh: end**

```
[glite@forkys-sl34 tests]$ ./lb-test-event-delivery.sh --html
```

Jan 29 15:49:17 forkys-sl34 lb-test-event-delivery.sh: start

Testing if all binaries are available **done**

Testing credentials **done**

Registering testing job **done**

Registered job: <https://forkys-sl34.zcu.cz:9000/IIMAKllrIaelRRywJMMGJA> Logging events resulting in READY state Sleeping for 10 seconds (waiting for events to deliver)... Is the testing job

(<https://forkys-sl34.zcu.cz:9000/IIMAKllrIaelRRywJMMGJA>) in a correct state? Ready **done**

Logging events resulting in RUNNING state Logging events resulting in DONE state Sleeping for 10 seconds (waiting for events to deliver)... Testing job (<https://forkys-sl34.zcu.cz:9000/IIMAKllrIaelRRywJMMGJA>)

is in state: Done **done**

Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **Jan 29 15:48:35**

forkys-sl34 lb-test-event-delivery.sh: end

```
[glite@forkys-sl34 tests]$ ./lb-test-logevent.sh --html /var/glite/log/dglogd.log
```

Jan 29 15:51:21 forkys-sl34 lb-test-logevent.sh: start

Testing if all binaries are available **done**

Testing credentials **done**

Registering testing job (<https://forkys-sl34.zcu.cz:9000/amV4ixVxC-aQsJ8H-UcU-Q>) **done**

Logging events logging Accepted **done**

logging EnQueued **done**

logging DeQueued **done**

logging HelperCall **done**

logging Match **done**

logging HelperReturn **done**

logging EnQueued **done**

logging DeQueued **done**

logging Transfer **done**

logging Accepted **done**

logging Transfer **done**

logging Running **done**

logging Done **done**

Testing if event file exists (/var/glite/log/dglogd.log.amV4ixVxC-aQsJ8H-UcU-Q) **done**

Comparing results (<) with expectations (>) ... (MATCH) **done**

Cleaning up Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **Jan 29**

15:51:24 forkys-sl34 lb-test-logevent.sh: end

```
[glite@forkys-sl34 tests]$ ./lb-test-job-states.sh --html
```

Jan 29 15:51:07 forkys-sl34 lb-test-job-states.sh: start

Testing if all binaries are available **done**

Testing credentials **done**

Registering testing job (<https://forkys-sl34.zcu.cz:9000/pJ0G04M8jEoe6gJ31DPEQQ>) **done**

Testing job is in state: Submitted (should be Submitted) **done**

logging Accepted **done**

Testing job is in state: Waiting (should be Waiting) **done**

logging EnQueued **done**

Testing job is in state: Waiting (should be Waiting) **done**

logging DeQueued **done**

Testing job is in state: Waiting (should be Waiting) **done**

```

logging HelperCall done
Testing job is in state: Waiting (should be Waiting) done
logging Match done
Testing job is in state: Waiting (should be Waiting) done
logging HelperReturn done
Testing job is in state: Waiting (should be Waiting) done
logging EnQueued done
Testing job is in state: Ready (should be Ready) done
logging DeQueued done
Testing job is in state: Ready (should be Ready) done
logging Transfer done
Testing job is in state: Ready (should be Ready) done
logging Accepted done
Testing job is in state: Ready (should be Ready) done
logging Transfer done
Testing job is in state: Scheduled (should be Scheduled) done
logging Running done
Testing job is in state: Running (should be Running) done
logging Done done
Testing job is in state: Done (should be Done) done
logging Clear done
Testing job is in state: Cleared (should be Cleared) done
Purging test job (Trying the best, result will not be tested) The jobs were not dumped. Jan 29 15:52:44
forkys-sl34 lb-test-job-states.sh: end

```

```

[glite@forkys-sl34 tests]$ vim ./lb-test-purge.pl
[glite@forkys-sl34 tests]$ X509_USER_CERT=/home/glite/.certs/hostcert.pem
X509_USER_KEY=/home/glite/.certs/hostkey.pem ./lb-test-purge.pl --i-want-to-purge
`hostname -f`:9000

```

** Hey, purging the whole database...The jobs were not dumped.

The following jobs were purged:

```

https://forkys-sl34.zcu.cz:9000/8SCd_IaElqauKJ8gu-Qd3g
https://forkys-sl34.zcu.cz:9000/9OLynAY6dGO95FLPK1ox9w
https://forkys-sl34.zcu.cz:9000/A3IPzkae1nQ8bmmXi-7oA
https://forkys-sl34.zcu.cz:9000/HaYCYEKzXUWNTAityfg99A
https://forkys-sl34.zcu.cz:9000/OD_qFTifwAfa2IMrjcrVXA
https://forkys-sl34.zcu.cz:9000/XhL_Skx5wPxzSbtiTWC8Sw
https://forkys-sl34.zcu.cz:9000/y7qtjk9krLF3rXBEq9CP-Q
https://forkys-sl34.zcu.cz:9000/zcSzMFk0QOhNz1jnkC9SpQ
[ done ]

```

** Logging test jobs

```

/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJh

```


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```
https://forkys-sl34.zcu.cz:9000/bLEmJXJYS_qNSrj0WDyb4w
other:
https://forkys-sl34.zcu.cz:9000/57j1Auy3btidYGVVPBb73A
https://forkys-sl34.zcu.cz:9000/9Zy2S0zq4FPbGXAVRC_pyg
** Dry run
30s aborted https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJhJ_WeA [ done ]
0s aborted https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJhJ_WeA [ done ]
0s aborted https://forkys-sl34.zcu.cz:9000/BZlhzmeJjFNQAAAtOCeMC9Xg [ done ]
30s cleared https://forkys-sl34.zcu.cz:9000/L1DWLat0GefByCNhTn294g [ done ]
0s cleared https://forkys-sl34.zcu.cz:9000/L1DWLat0GefByCNhTn294g [ done ]
0s cleared https://forkys-sl34.zcu.cz:9000/olmynqDCEBzkrGLH2Xm8gw [ done ]
30s cancelled https://forkys-sl34.zcu.cz:9000/wOdP-BPzS1Thjx1HTwWZwQ [ done ]
0s cancelled https://forkys-sl34.zcu.cz:9000/bLEmJXJYS_qNSrj0WDyb4w [ done ]
0s cancelled https://forkys-sl34.zcu.cz:9000/wOdP-BPzS1Thjx1HTwWZwQ [ done ]
30s other https://forkys-sl34.zcu.cz:9000/57j1Auy3btidYGVVPBb73A [ done ]
0s other https://forkys-sl34.zcu.cz:9000/57j1Auy3btidYGVVPBb73A [ done ]
0s other https://forkys-sl34.zcu.cz:9000/9Zy2S0zq4FPbGXAVRC_pyg [ done ]
** Server defaults
Nothing purged as expected [ done ]
** Purge the first set of jobs
diff OK [ done ]
** Purge the rest
diff OK [ done ]
** Anything left?
No, OK [ done ]
** Check zombies
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching)
https://forkys-sl34.zcu.cz:9000/57j1Auy3btidYGVVPBb73A [ -TEST FAILED- ]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching)
https://forkys-sl34.zcu.cz:9000/8dJ60pTM3hj5i5gJhJ_WeA [ -TEST FAILED- ]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching)
https://forkys-sl34.zcu.cz:9000/wOdP-BPzS1Thjx1HTwWZwQ [ -TEST FAILED- ]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching)
https://forkys-sl34.zcu.cz:9000/L1DWLat0GefByCNhTn294g [ -TEST FAILED- ]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching)
https://forkys-sl34.zcu.cz:9000/9Zy2S0zq4FPbGXAVRC_pyg [ -TEST FAILED- ]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching)
https://forkys-sl34.zcu.cz:9000/BZlhzmeJjFNQAAAtOCeMC9Xg [ -TEST FAILED- ]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching)
https://forkys-sl34.zcu.cz:9000/bLEmJXJYS_qNSrj0WDyb4w [ -TEST FAILED- ]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching)
https://forkys-sl34.zcu.cz:9000/olmynqDCEBzkrGLH2Xm8gw [ -TEST FAILED- ]
Jobs should be known and purged
```

In the Wild—Real-World Test

```
uil.egee.cesnet.cz$ ./lb-test-wild.sh -n 1 -f html --test done forkys-sl34.zcu.cz:9000
Feb 01 18:46:52 uil.egee.cesnet.cz lb-test-wild.sh: start
[wild] submit (done test): https://forkys-sl34.zcu.cz:9000/6jCpxnOLamOqdukHZtrX2w
[wild] sleep before cancel...
[wild] submitted done
[wild] =====
[wild] 2010-02-01 18:47:08 https://forkys-sl34.zcu.cz:9000/6jCpxnOLamOqdukHZtrX2w Ready (done test)
[wild] 2010-02-01 18:47:38 https://forkys-sl34.zcu.cz:9000/6jCpxnOLamOqdukHZtrX2w Running (done
test)
[wild] 2010-02-01 18:51:40 https://forkys-sl34.zcu.cz:9000/6jCpxnOLamOqdukHZtrX2w Done (done test)
[wild] all jobs finished done
[wild] =====
[wild] https://forkys-sl34.zcu.cz:9000/6jCpxnOLamOqdukHZtrX2w: 'Done' OK (done) done
[wild] components: JobController LogMonitor LRMS NetworkServer WorkloadManager OK done
[wild] =====
[wild] job output test
```



```
[wild] fetching output from https://forkys-sl34.zcu.cz:9000/6jCpxnOLamOqdukHZtrX2w
[wild] output of 'https://forkys-sl34.zcu.cz:9000/6jCpxnOLamOqdukHZtrX2w' fetched done
[wild] 2010-02-01 18:52:16 https://forkys-sl34.zcu.cz:9000/6jCpxnOLamOqdukHZtrX2w Cleared (done test)
[wild] all jobs in done cleared done
[wild] outputs: jobOutput.12341/0/std.out jobOutput.12341/0/std.err
Feb 01 18:52:26 ui1.egee.cesnet.cz lb-test-wild.sh: end
```

```
ui1.egee.cesnet.cz$ ./lb-test-wild.sh -n 1 -f html --test cancel forkys-sl34.zcu.cz:9000
Feb 02 18:59:46 ui1.egee.cesnet.cz lb-test-wild.sh: start
[wild] submit (done test): https://forkys-sl34.zcu.cz:9000/TYIMc5jeJbaVEoQ8uwZaWg
[wild] sleep before cancel...
[wild] cancel https://forkys-sl34.zcu.cz:9000/TYIMc5jeJbaVEoQ8uwZaWg
[wild] submitted done
[wild] =====
[wild] 2010-02-02 19:00:04 https://forkys-sl34.zcu.cz:9000/TYIMc5jeJbaVEoQ8uwZaWg Ready (cancel test)
[wild] 2010-02-02 19:00:34 https://forkys-sl34.zcu.cz:9000/TYIMc5jeJbaVEoQ8uwZaWg Cancelled (cancel test)
[wild] all jobs finished done
[wild] =====
[wild] https://forkys-sl34.zcu.cz:9000/TYIMc5jeJbaVEoQ8uwZaWg: 'Cancelled' OK (cancel) done
[wild] components: JobController LogMonitor LRMS NetworkServer WorkloadManager ?
[wild] =====
[wild] job output test
[wild] all jobs in done cleared done
[wild] outputs:
Feb 02 19:01:14 ui1.egee.cesnet.cz lb-test-wild.sh: end
```

```
ui1.egee.cesnet.cz$ ./lb-test-wild.sh -n 1 -f html --test fail forkys-sl34.zcu.cz:9000
Feb 02 19:02:35 ui1.egee.cesnet.cz lb-test-wild.sh: start
[wild] submit (fail test): https://forkys-sl34.zcu.cz:9000/ozh_cr_PwccZDkOoa8T9yA
[wild] sleep before cancel...
[wild] submitted done
[wild] =====
[wild] 2010-02-02 19:02:50 https://forkys-sl34.zcu.cz:9000/ozh_cr_PwccZDkOoa8T9yA Ready (fail test)
[wild] 2010-02-02 19:03:20 https://forkys-sl34.zcu.cz:9000/ozh_cr_PwccZDkOoa8T9yA Running (fail test)
[wild] 2010-02-02 19:05:21 https://forkys-sl34.zcu.cz:9000/ozh_cr_PwccZDkOoa8T9yA Aborted (fail test)
[wild] all jobs finished done
[wild] =====
[wild] https://forkys-sl34.zcu.cz:9000/ozh_cr_PwccZDkOoa8T9yA: 'Aborted' OK (fail) done
[wild] components: JobController LogMonitor LRMS NetworkServer WorkloadManager OK done
[wild] =====
[wild] job output test
[wild] all jobs in done cleared done
[wild] outputs:
Feb 02 19:06:01 ui1.egee.cesnet.cz lb-test-wild.sh: end
```

```
ui1.egee.cesnet.cz$ ./lb-test-wild.sh -n 1 -f html --test cancel_coll
forkys-sl34.zcu.cz:9000
Feb 02 18:44:40 ui1.egee.cesnet.cz lb-test-wild.sh: start
[wild] submit (collection to done test): https://forkys-sl34.zcu.cz:9000/-xqXmc9WPgsVhHIPUU7PIQ
[wild] sleep before cancel...
[wild] cancel https://forkys-sl34.zcu.cz:9000/-xqXmc9WPgsVhHIPUU7PIQ
[wild] submitted done
```

```
[wild] =====
[wild] 2010-02-02 18:44:53 https://forkys-sl34.zcu.cz:9000/-xqXmc9WPgsVhHIPUU7PIQ Waiting
(cancel_coll test)
[wild] 2010-02-02 18:45:24 https://forkys-sl34.zcu.cz:9000/-xqXmc9WPgsVhHIPUU7PIQ Cancelled
(cancel_coll test)
[wild] all jobs finished done
[wild] =====
[wild] https://forkys-sl34.zcu.cz:9000/-xqXmc9WPgsVhHIPUU7PIQ: 'Cancelled' OK (cancel_coll) done
[wild] components: NetworkServer WorkloadManager OK done
[wild] =====
[wild] job output test
[wild] all jobs in done cleared done
[wild] outputs:
Feb 02 18:46:05 ui1.egee.cesnet.cz lb-test-wild.sh: end
```

```
ui1.egee.cesnet.cz$ ./lb-test-wild.sh -w -n 1 -f html --test fail_coll
forkys-sl34.zcu.cz:9000
```

```
Feb 02 18:44:12 ui1.egee.cesnet.cz lb-test-wild.sh: start
[wild] submit (collection to fail test): https://forkys-sl34.zcu.cz:9000/EomEzolTLLD68g9t7cNMUg
[wild] sleep before cancel...
[wild] submitted done
[wild] =====
[wild] 2010-02-02 18:44:25 https://forkys-sl34.zcu.cz:9000/EomEzolTLLD68g9t7cNMUg Waiting
(fail_coll test)
[wild] 2010-02-02 18:44:55 https://forkys-sl34.zcu.cz:9000/EomEzolTLLD68g9t7cNMUg Running
(fail_coll test)
[wild] 2010-02-02 19:59:59 https://forkys-sl34.zcu.cz:9000/EomEzolTLLD68g9t7cNMUg Waiting
(fail_coll test)
[wild] 2010-02-02 20:03:30 https://forkys-sl34.zcu.cz:9000/EomEzolTLLD68g9t7cNMUg Running
(fail_coll test)
[wild] 2010-02-02 20:30:12 https://forkys-sl34.zcu.cz:9000/EomEzolTLLD68g9t7cNMUg Waiting
(fail_coll test)
[wild] 2010-02-02 20:43:49 https://forkys-sl34.zcu.cz:9000/EomEzolTLLD68g9t7cNMUg Running
(fail_coll test)
[wild] 2010-02-02 20:54:53 https://forkys-sl34.zcu.cz:9000/EomEzolTLLD68g9t7cNMUg Aborted
(fail_coll test)
[wild] all jobs finished done
[wild] =====
[wild] https://forkys-sl34.zcu.cz:9000/EomEzolTLLD68g9t7cNMUg: 'Aborted' OK (fail_coll) done
[wild] components: LBServer NetworkServer WorkloadManager OK done
[wild] =====
[wild] job output test
[wild] all jobs in done cleared done
[wild] outputs:
Feb 02 20:55:34 ui1.egee.cesnet.cz lb-test-wild.sh: end
```

```
ui1.egee.cesnet.cz$ ./lb-test-wild.sh -w -n 1 -f html --test done_coll
forkys-sl34.zcu.cz:9000
```

```
Feb 04 12:55:16 ui1.egee.cesnet.cz lb-test-wild.sh: start
[wild] submit (collection to done test): https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g
[wild] sleep before cancel...
[wild] submitted done
[wild] =====
[wild] 2010-02-04 12:55:32 https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g Waiting
(done_coll test)
```

```
[wild] 2010-02-04 12:56:03 https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g Running
(done_coll test)
[wild] 2010-02-04 13:00:05 https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g Waiting
(done_coll test)
[wild] 2010-02-04 13:02:37 https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g Running
(done_coll test)
[wild] 2010-02-04 13:26:22 https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g Done (done_coll
test)
[wild] all jobs finished  done
[wild] =====
[wild] https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g: 'Done' OK (done_coll)  done
[wild] components: LBServer NetworkServer WorkloadManager OK  done
[wild] =====
[wild] job output test
[wild] fetching output from https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g
[wild] output of https://forkys-sl34.zcu.cz:9000/HpyKAo-lv--TDrAQLCN1DQ (1. offspring of
https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g) fetched  done
[wild] output of https://forkys-sl34.zcu.cz:9000/TfCtw0TxElDcozmQtvarw (2. offspring of
https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g) fetched  done
[wild] output of https://forkys-sl34.zcu.cz:9000/a9n1t7K3_YQFM66F5ZC8wA (3. offspring of
https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g) fetched  done
[wild] output of https://forkys-sl34.zcu.cz:9000/mtUYm4JLhMuvvHgPeO4YAA (4. offspring of
https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g) fetched  done
[wild] output of https://forkys-sl34.zcu.cz:9000/tw10rrrPhbpAEEPJwzYWg (5. offspring of
https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g) fetched  done
[wild] 2010-02-04 13:27:01 https://forkys-sl34.zcu.cz:9000/XpOhk4wkNovPFWRASeds-g Cleared
(done_coll test)
[wild] all jobs in done cleared  done
[wild] outputs: jobOutput.1603/0-1/std1.out jobOutput.1603/0-1/std1.err jobOutput.1603/0-4/std2.out
jobOutput.1603/0-4/std2.err jobOutput.1603/0-5/std4.out jobOutput.1603/0-5/std4.err
Feb 04 13:27:11 ui1.egee.cesnet.cz lb-test-wild.sh:  end
```

L&B Harvester Notifications Test

About this test:

- goal was testing old compatibility mode of notifications for L&B 1.9 - it is OK to be greedy but should working
- for test on the same machine we used not yet released version 1.0.0-1 (compiled with older glite 3.1)
- tested on job collection

Preparation:

```
wget http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.harvester
rpm -ivh glite-lb-harvester-1.0.0-1.slc4.i386.rpm
su glite
cd
cat >lb.txt << EOF
forkys-sl34.zcu.cz
EOF
```

Results:

```
[glite@forkys-sl34 ~]$ X509_USER_KEY=$HOME/.certs/hostkey.pem
X509_USER_CERT=$HOME/.certs/hostcert.pem glite-lb-harvester --config lb.txt --cert
$X509_USER_CERT --key $X509_USER_KEY
```


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```
cd ~/
mkdir -m 700 yaim
cd yaim
cat << EOF > site-info.def
GLITE_LB_RTM_ENABLED=true
MYSQL_PASSWORD=no_password
SITE_NAME=krakonosovo
SITE_EMAIL="valtri@civ.zcu.cz"
MON_HOST=my-mon.\$MY_DOMAIN
EOF
export GLITE_USER=glite
/opt/glite/yaim/bin/yaim -c -s ./site-info.def -n glite-LB
```

Process

```
echo "exclude=glite-LB*" >> /etc/yum.repos.d/glite-LB.repo
```

```
cat << EOF > /etc/yum.repos.d/glite-local.repo
[main]
[glite-local]
name=Local glite RPMS repository
baseurl=file:///var/cache/glite-local
enabled=1
EOF
mkdir /var/cache/glite-local
cd /var/cache/glite-local
cat << EOF > list
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.server/1.9.
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.notif-logge
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.logger/1.4.
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.common/6.1.
http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-info-provider-serv
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.glite-LB/3.
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.yaim.core/4.0.
http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.yaim.lb/4.2.1/
http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-version/3.2.1/noar
EOF
wget -i list
createrepo .

yum clean all
yum upgrade

# workaround bug #41506
/etc/init.d/gLite stop
killall -9 glite-lb-interlogd glite-lb-notif-interlogd
```

```
cd ~/yaim
/opt/glite/yaim/bin/yaim -c -s ./site-info.def -n glite-LB
```

Full output of the installation

```
Script started on Tue 23 Feb 2010 03:58:12 PM CET
]0;root@forkys-sl34:~ [root@forkys-sl34 ~]# cat /etc/issue
Scientific Linux SL release 4.8 (Beryllium)
Kernel \r on an \m

]0;root@forkys-sl34:~ [root@forkys-sl34 ~]# uname -a
Linux forkys-sl34 2.6.9-89.0.20.ELsmp #1 SMP Tue Feb 2 20:15:12 CST 2010 i686 i686 i386 GNU/Linux
]0;root@forkys-sl34:~ [root@forkys-sl34 ~]# cd /etc/yum.repos.d
]0;root@forkys-sl34:/etc/yum.repos.d [root@forkys-sl34 yum.repos.d]# wget http://grid-deployment
e-LB.repo
--15:58:30-- http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.1/glite-LB.repo
=> `glite-LB.repo'
Resolving grid-deployment.web.cern.ch... 137.138.142.195, 137.138.143.225
Connecting to grid-deployment.web.cern.ch|137.138.142.195|:80... connected.
```


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HTTP request sent, awaiting response... 200 OK
Length: 350 [text/plain]

```
0% [ ] 0 ---K/s  
100%[=====>] 350 ---K/s
```

15:58:30 (66.76 MB/s) - `glite-LB.repo' saved [350/350]

```
]0;root@forkys-sl34:/etc/yum.repos.d [root@forkys-sl34 yum.repos.d]# yum install glite-LB-3.1.16  
Loading "kernel-module" plugin  
Setting up Install Process  
Setting up repositories
```

```
glite-LB 100% |=====| 951 B 00:00  
Reading repository metadata in from local files
```

```
primary.xml.gz 100% |=====| 21 kB 00:00
```

```
glite-LB : ##### 93/93
```

Added 93 new packages, deleted 0 old in 0.30 seconds

Parsing package install arguments

Resolving Dependencies

--> Populating transaction set with selected packages. Please wait.

---> Downloading header for glite-LB to pack into transaction set.

```
glite-LB-3.1.16-0.i386.rpm 100% |=====| 3.1 kB 00:00
```

---> Package glite-LB.i386 0:3.1.16-0 set to be updated

--> Running transaction check

--> Processing Dependency: glite-jp-common >= 1.3.0-3 for package: glite-LB

--> Processing Dependency: glite-info-generic >= 2.0.2-3 for package: glite-LB

--> Processing Dependency: vdt_globus_essentials >= VDT1.6.1x86_rhas_4-9 for package: glite-LB

--> Processing Dependency: glite-rgma-api-python >= 5.0.12-3 for package: glite-LB

--> Processing Dependency: classads >= 0.9.8-2 for package: glite-LB

--> Processing Dependency: python-logging >= 0.4.6-1 for package: glite-LB

--> Processing Dependency: glite-security-voms-api-cpp >= 1.8.12-1 for package: glite-LB

--> Processing Dependency: glite-lb-ws-interface >= 2.5.1-1 for package: glite-LB

--> Processing Dependency: glite-security-voms-api-c >= 1.8.12-1 for package: glite-LB

--> Processing Dependency: glite-lb-utils >= 1.3.0-1 for package: glite-LB

--> Processing Dependency: glite-lb-common >= 6.1.3-1 for package: glite-LB

--> Processing Dependency: glite-lb-server-bones >= 2.2.7-1 for package: glite-LB

--> Processing Dependency: lcg-mon-job-status >= 2.0.8-1 for package: glite-LB

--> Processing Dependency: glite-wms-utils-jobid >= 3.1.5-1 for package: glite-LB

--> Processing Dependency: mysql-server for package: glite-LB

--> Processing Dependency: glite-security-gsoap-plugin >= 1.5.3-1 for package: glite-LB

--> Processing Dependency: glite-lb-proxy >= 1.5.3-1 for package: glite-LB

--> Processing Dependency: glue-schema >= 1.3.0-5 for package: glite-LB

--> Processing Dependency: glite-lb-server >= 1.9.2-1 for package: glite-LB

--> Processing Dependency: gpt >= VDT1.6.0x86_rhas_4-1 for package: glite-LB

--> Processing Dependency: gridsite-shared >= 1.1.18.1-1 for package: glite-LB

--> Processing Dependency: glite-version >= 3.1.0-1 for package: glite-LB

--> Processing Dependency: glite-rgma-base >= 5.0.7-1 for package: glite-LB

--> Processing Dependency: glite-yaim-core >= 4.0.8-7 for package: glite-LB

--> Processing Dependency: glite-yaim-lb >= 4.1.0-1 for package: glite-LB

--> Processing Dependency: glite-info-templates >= 1.0.0-11 for package: glite-LB

--> Processing Dependency: glite-lb-client >= 3.2.2-1 for package: glite-LB

--> Processing Dependency: glite-lb-client-interface >= 3.2.1-1 for package: glite-LB

--> Processing Dependency: lcg-mon-logfile-common >= 1.0.6-2 for package: glite-LB

--> Processing Dependency: lcg-service-proxy >= 1.0.3-2 for package: glite-LB

--> Processing Dependency: c-ares >= 1.3.0-4 for package: glite-LB

--> Processing Dependency: glite-info-provider-service >= 1.1.4-0 for package: glite-LB

--> Processing Dependency: glite-security-voms-api-noglobus >= 1.8.8-2 for package: glite-LB

--> Processing Dependency: glite-lb-logger >= 1.4.11-1 for package: glite-LB

--> Processing Dependency: bdii >= 4.0.1-4 for package: glite-LB

--> Processing Dependency: glite-wms-utils-exception >= 3.1.3-2 for package: glite-LB

--> Processing Dependency: glite-info-provider-release >= 1.0.0-5 for package: glite-LB

--> Restarting Dependency Resolution with new changes.

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```
--> Populating transaction set with selected packages. Please wait.
--> Downloading header for lcg-mon-logfile-common to pack into transaction set.

lcg-mon-logfile-common-1.100% |=====| 2.1 kB    00:00
--> Package lcg-mon-logfile-common.noarch 0:1.0.6-2 set to be updated
--> Downloading header for glite-lb-server-bones to pack into transaction set.

glite-lb-server-bones-2.2100% |=====| 2.4 kB    00:00
--> Package glite-lb-server-bones.i386 0:2.2.7-1.slc4 set to be updated
--> Downloading header for glite-lb-ws-interface to pack into transaction set.

glite-lb-ws-interface-2.5100% |=====| 2.1 kB    00:00
--> Package glite-lb-ws-interface.i386 0:2.5.1-1.slc4 set to be updated
--> Downloading header for glue-schema to pack into transaction set.

glue-schema-1.3.0-5.noarc100% |=====| 2.8 kB    00:00
--> Package glue-schema.noarch 0:1.3.0-5 set to be updated
--> Downloading header for glite-security-voms-api-noglobus to pack into transaction set.

glite-security-voms-api-n100% |=====| 2.5 kB    00:00
--> Package glite-security-voms-api-noglobus.i386 0:1.8.8-2.slc4 set to be updated
--> Downloading header for glite-lb-logger to pack into transaction set.

glite-lb-logger-1.4.11-1.100% |=====| 5.1 kB    00:00
--> Package glite-lb-logger.i386 0:1.4.11-1.slc4 set to be updated
--> Downloading header for glite-yaim-core to pack into transaction set.

glite-yaim-core-4.0.11-2.100% |=====| 14 kB    00:00
--> Package glite-yaim-core.noarch 0:4.0.11-2 set to be updated
--> Downloading header for glite-lb-utils to pack into transaction set.

glite-lb-utils-1.3.0-1.sl100% |=====| 4.5 kB    00:00
--> Package glite-lb-utils.i386 0:1.3.0-1.slc4 set to be updated
--> Downloading header for glite-lb-client to pack into transaction set.

glite-lb-client-3.2.2-1.s100% |=====| 16 kB    00:00
--> Package glite-lb-client.i386 0:3.2.2-1.slc4 set to be updated
--> Downloading header for glite-rgma-api-python to pack into transaction set.

glite-rgma-api-python-5.0100% |=====| 3.4 kB    00:00
--> Package glite-rgma-api-python.noarch 0:5.0.12-3 set to be updated
--> Downloading header for glite-security-gsoap-plugin to pack into transaction set.

glite-security-gsoap-plug100% |=====| 11 kB    00:00
--> Package glite-security-gsoap-plugin.i386 0:1.5.3-1.slc4 set to be updated
--> Downloading header for classads to pack into transaction set.

classads-0.9.8-2.slc4.i68100% |=====| 6.4 kB    00:00
--> Package classads.i686 0:0.9.8-2.slc4 set to be updated
--> Downloading header for glite-security-voms-api-c to pack into transaction set.

glite-security-voms-api-c100% |=====| 7.2 kB    00:00
--> Package glite-security-voms-api-c.i386 0:1.8.12-1.slc4 set to be updated
--> Downloading header for glite-info-templates to pack into transaction set.

glite-info-templates-1.0.100% |=====| 3.6 kB    00:00
--> Package glite-info-templates.noarch 0:1.0.0-11 set to be updated
--> Downloading header for glite-lb-server to pack into transaction set.

glite-lb-server-1.9.2-1.s100% |=====| 7.4 kB    00:00
--> Package glite-lb-server.i386 0:1.9.2-1.slc4 set to be updated
--> Downloading header for glite-lb-common to pack into transaction set.

glite-lb-common-6.1.3-1.s100% |=====| 5.8 kB    00:00
--> Package glite-lb-common.i386 0:6.1.3-1.slc4 set to be updated
--> Downloading header for lcg-mon-job-status to pack into transaction set.
```

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```
lcg-mon-job-status-2.0.8- 100% |=====| 1.7 kB    00:00
---> Package lcg-mon-job-status.noarch 0:2.0.8-1 set to be updated
---> Downloading header for glite-security-voms-api-cpp to pack into transaction set.

glite-security-voms-api-c 100% |=====| 7.3 kB    00:00
---> Package glite-security-voms-api-cpp.i386 0:1.8.12-1.slc4 set to be updated
---> Downloading header for glite-lb-client-interface to pack into transaction set.

glite-lb-client-interface 100% |=====| 35 kB    00:00
---> Package glite-lb-client-interface.i386 0:3.2.1-1.slc4 set to be updated
---> Downloading header for glite-wms-utils-exception to pack into transaction set.

glite-wms-utils-exception 100% |=====| 3.4 kB    00:00
---> Package glite-wms-utils-exception.i386 0:3.1.3-2.slc4 set to be updated
---> Downloading header for glite-info-provider-release to pack into transaction set.

glite-info-provider-relea 100% |=====| 1.7 kB    00:00
---> Package glite-info-provider-release.noarch 0:1.0.0-5 set to be updated
---> Downloading header for glite-wms-utils-jobid to pack into transaction set.

glite-wms-utils-jobid-3.1 100% |=====| 4.2 kB    00:00
---> Package glite-wms-utils-jobid.i386 0:3.1.5-1.slc4 set to be updated
---> Downloading header for glite-lb-proxy to pack into transaction set.

glite-lb-proxy-1.5.3-1.sl 100% |=====| 4.2 kB    00:00
---> Package glite-lb-proxy.i386 0:1.5.3-1.slc4 set to be updated
---> Downloading header for glite-version to pack into transaction set.

glite-version-3.1.0-1.slc 100% |=====| 1.5 kB    00:00
---> Package glite-version.i386 0:3.1.0-1.slc4 set to be updated
---> Downloading header for gpt to pack into transaction set.

gpt-VDT1.6.0x86_rhas_4-1. 100% |=====| 25 kB    00:00
---> Package gpt.i386 0:VDT1.6.0x86_rhas_4-1 set to be updated
---> Downloading header for glite-yaim-lb to pack into transaction set.

glite-yaim-lb-4.1.0-1.noa 100% |=====| 3.1 kB    00:00
---> Package glite-yaim-lb.noarch 0:4.1.0-1 set to be updated
---> Downloading header for glite-jp-common to pack into transaction set.

glite-jp-common-1.3.0-3.s 100% |=====| 4.3 kB    00:00
---> Package glite-jp-common.i386 0:1.3.0-3.slc4 set to be updated
---> Downloading header for vdt_globus_essentials to pack into transaction set.

vdt_globus_essentials-VDT 100% |=====| 172 kB   00:00
---> Package vdt_globus_essentials.i386 0:VDT1.6.1x86_rhas_4-9 set to be updated
---> Downloading header for bdii to pack into transaction set.

bdii-4.0.1-4.noarch.rpm   100% |=====| 4.7 kB    00:00
---> Package bdii.noarch 0:4.0.1-4 set to be updated
---> Downloading header for mysql-server to pack into transaction set.

mysql-server-4.1.22-2.el4 100% |=====| 31 kB    00:00 ETA
mysql-server-4.1.22-2.el4 100% |=====| 31 kB    00:00
---> Package mysql-server.i386 0:4.1.22-2.el4_8.3 set to be updated
---> Downloading header for python-logging to pack into transaction set.

python-logging-0.4.6-1.no 100% |=====| 2.3 kB    00:00
---> Package python-logging.noarch 0:0.4.6-1 set to be updated
---> Downloading header for glite-rgma-base to pack into transaction set.

glite-rgma-base-5.0.7-1.n 100% |=====| 6.6 kB    00:00
---> Package glite-rgma-base.noarch 0:5.0.7-1 set to be updated
---> Downloading header for lcg-service-proxy to pack into transaction set.

lcg-service-proxy-1.0.3-2 100% |=====| 1.5 kB    00:00
---> Package lcg-service-proxy.noarch 0:1.0.3-2 set to be updated
```

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---> Downloading header for glite-info-provider-service to pack into transaction set.

```
glite-info-provider-servi 100% |=====| 6.6 kB    00:00
---> Package glite-info-provider-service.noarch 0:1.1.4-0 set to be updated
---> Downloading header for gridsite-shared to pack into transaction set.
```

```
gridsite-shared-1.1.18.1- 100% |=====| 6.1 kB    00:00
---> Package gridsite-shared.i386 0:1.1.18.1-1 set to be updated
---> Downloading header for glite-info-generic to pack into transaction set.
```

```
glite-info-generic-2.0.2- 100% |=====| 2.9 kB    00:00
---> Package glite-info-generic.noarch 0:2.0.2-3 set to be updated
---> Downloading header for c-ares to pack into transaction set.
```

```
c-ares-1.3.0-4.slc4.i686. 100% |=====| 5.5 kB    00:00
---> Package c-ares.i686 0:1.3.0-4.slc4 set to be updated
--> Running transaction check
--> Processing Dependency: openldap-servers for package: bdi
--> Restarting Dependency Resolution with new changes.
--> Populating transaction set with selected packages. Please wait.
---> Downloading header for openldap-servers to pack into transaction set.
```

```
openldap-servers-2.2.13-1 100% |=====| 40 kB    00:00
---> Package openldap-servers.i386 0:2.2.13-12.el4 set to be updated
--> Running transaction check
Beginning Kernel Module Plugin
Finished Kernel Module Plugin
```

Dependencies Resolved

```
=====
```

Package	Arch	Version	Repository	Size
Installing:				
glite-LB	i386	3.1.16-0	glite-LB	3.6 k
Installing for dependencies:				
bdi	noarch	4.0.1-4	glite-LB	22 k
c-ares	i686	1.3.0-4.slc4	glite-LB	93 k
classads	i686	0.9.8-2.slc4	glite-LB	1.0 M
glite-info-generic	noarch	2.0.2-3	glite-LB	5.4 k
glite-info-provider-release	noarch	1.0.0-5	glite-LB	2.7 k
glite-info-provider-service	noarch	1.1.4-0	glite-LB	26 k
glite-info-templates	noarch	1.0.0-11	glite-LB	8.2 k
glite-jp-common	i386	1.3.0-3.slc4	glite-LB	92 k
glite-lb-client	i386	3.2.2-1.slc4	glite-LB	1.4 M
glite-lb-client-interface	i386	3.2.1-1.slc4	glite-LB	467 k
glite-lb-common	i386	6.1.3-1.slc4	glite-LB	657 k
glite-lb-logger	i386	1.4.11-1.slc4	glite-LB	69 k
glite-lb-proxy	i386	1.5.3-1.slc4	glite-LB	108 k
glite-lb-server	i386	1.9.2-1.slc4	glite-LB	728 k
glite-lb-server-bones	i386	2.2.7-1.slc4	glite-LB	20 k
glite-lb-utils	i386	1.3.0-1.slc4	glite-LB	26 k
glite-lb-ws-interface	i386	2.5.1-1.slc4	glite-LB	22 k
glite-rgma-api-python	noarch	5.0.12-3	glite-LB	46 k
glite-rgma-base	noarch	5.0.7-1	glite-LB	1.5 M
glite-security-gsoap-plugin	i386	1.5.3-1.slc4	glite-LB	1.2 M
glite-security-voms-api-c	i386	1.8.12-1.slc4	glite-LB	4.0 M
glite-security-voms-api-cpp	i386	1.8.12-1.slc4	glite-LB	4.0 M
glite-security-voms-api-noglobus	i386	1.8.8-2.slc4	glite-LB	1.9 M
glite-version	i386	3.1.0-1.slc4	glite-LB	1.9 k
glite-wms-utils-exception	i386	3.1.3-2.slc4	glite-LB	55 k
glite-wms-utils-jobid	i386	3.1.5-1.slc4	glite-LB	95 k
glite-yaim-core	noarch	4.0.11-2	glite-LB	119 k
glite-yaim-lb	noarch	4.1.0-1	glite-LB	8.0 k
glue-schema	noarch	1.3.0-5	glite-LB	30 k
gpt	i386	VDT1.6.0x86_rhas_4-1	glite-LB	854 k
gridsite-shared	i386	1.1.18.1-1	glite-LB	75 k

```
=====
```

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lcg-mon-job-status	noarch	2.0.8-1	glite-LB	3.7 k
lcg-mon-logfile-common	noarch	1.0.6-2	glite-LB	6.0 k
lcg-service-proxy	noarch	1.0.3-2	glite-LB	2.4 k
mysql-server	i386	4.1.22-2.el4_8.3	sl-errata	9.9 M
openldap-servers	i386	2.2.13-12.el4	sl-base	3.2 M
python-logging	noarch	0.4.6-1	glite-LB	104 k
vdt_globus_essentials	i386	VDT1.6.1x86_rhas_4-9	glite-LB	16 M

Transaction Summary

```

=====
Install      39 Package(s)
Update       0 Package(s)
Remove       0 Package(s)
Total download size: 47 M
Is this ok [y/N]: y
Downloading Packages:

```

```

(1/39): glite-LB-3.1.16-0 100% |=====| 3.6 kB 00:00
(2/39): lcg-mon-logfile-c 100% |=====| 6.0 kB 00:00
(3/39): glite-lb-server-b 100% |=====| 20 kB 00:00
(4/39): glite-lb-ws-inter 100% |=====| 22 kB 00:00
(5/39): glue-schema-1.3.0 100% |=====| 30 kB 00:00
(6/39): glite-security-vo 100% |=====| 1.9 MB 00:00
(7/39): glite-lb-logger-1 100% |=====| 69 kB 00:00
(8/39): glite-yaim-core-4 100% |=====| 119 kB 00:00
(9/39): glite-lb-utils-1. 100% |=====| 26 kB 00:00
(10/39): glite-lb-client- 100% |=====| 1.4 MB 00:00
(11/39): glite-rgma-api-p 100% |=====| 46 kB 00:00
(12/39): glite-security-g 100% |=====| 1.2 MB 00:00
(13/39): classads-0.9.8-2 100% |=====| 1.0 MB 00:00
(14/39): glite-security-v 100% |=====| 4.0 MB 00:00
(15/39): glite-info-templ 100% |=====| 8.2 kB 00:00
(16/39): glite-lb-server- 100% |=====| 728 kB 00:00
(17/39): glite-lb-common- 100% |=====| 657 kB 00:00
(18/39): lcg-mon-job-stat 100% |=====| 3.7 kB 00:00
(19/39): glite-security-v 100% |=====| 4.0 MB 00:00
(20/39): glite-lb-client- 100% |=====| 467 kB 00:00
(21/39): glite-wms-utils- 100% |=====| 55 kB 00:00
(22/39): glite-info-provi 100% |=====| 2.7 kB 00:00
(23/39): glite-wms-utils- 100% |=====| 95 kB 00:00
(24/39): glite-lb-proxy-1 100% |=====| 108 kB 00:00
(25/39): glite-version-3. 100% |=====| 1.9 kB 00:00

```

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```

(26/39): gpt-VDT1.6.0x86_ 100% |=====| 854 kB    00:00
(27/39): glite-yaim-lb-4. 100% |=====| 8.0 kB    00:00
(28/39): openldap-servers 100% |=====| 3.2 MB    00:03
(29/39): glite-jp-common- 100% |=====| 92 kB     00:00
(30/39): vdt_globus_essen 100% |=====| 16 MB     00:03
(31/39): bdii-4.0.1-4.noa 100% |=====| 22 kB     00:00
(32/39): mysql-server-4.1 100% |=====| 9.9 MB    00:11
(33/39): python-logging-0 100% |=====| 104 kB    00:00
(34/39): glite-rgma-base- 100% |=====| 1.5 MB    00:00
(35/39): lcg-service-prox 100% |=====| 2.4 kB    00:00
(36/39): glite-info-provi 100% |=====| 26 kB     00:00
(37/39): gridsite-shared- 100% |=====| 75 kB     00:00
(38/39): glite-info-gener 100% |=====| 5.4 kB    00:00
(39/39): c-ares-1.3.0-4.s 100% |=====| 93 kB     00:00

```

```

Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

```

```

Installing: c-ares                               ##### [ 1/39]
Installing: gridsite-shared                     ##### [ 2/39]
Installing: glite-lb-server-bones               ##### [ 3/39]
Installing: glite-info-generic                  ##### [ 4/39]
Installing: glite-rgma-base                     ##### [ 5/39]
Installing: glite-rgma-api-python               ##### [ 6/39]
Installing: python-logging                      ##### [ 7/39]
Installing: mysql-server                        ##### [ 8/39]

Installing: gpt                                 ##### [ 9/39]
Using system tar and gzip programs to unpack packages
GNU tar located at /bin/tar
GNU zip located at /bin/gzip
GNU unzip located at /bin/gunzip
GNU make located at /usr/bin/make
Perl located at /usr/bin/perl
rpm located at /bin/rpm
rpmbuild located at /usr/bin/rpmbuild
RPM Package License set to GNU
RPM Package Vendor set to NCSA
RPM Package FTP Site set to ftp.ncsa.uiuc.edu
RPM Package URL set to http://www.gridpackaging.org
RPM Packager set to NCSA
RPM Prefix set to /usr/grid
GNU target platform set to i686-pc-linux-gnu

Installing: vdt_globus_essentials               ##### [10/39]

```

CertificationReportForPatch3075 < EGEE < TWiki

```
Installing: glite-security-gsoap-plugin ##### [11/39]
Installing: glite-security-voms-api-c ##### [12/39]
Installing: glite-security-voms-api-cpp ##### [13/39]
Installing: glite-jp-common ##### [14/39]
Installing: lcg-service-proxy ##### [15/39]

Installing: glite-wms-utils-jobid ##### [17/39]
Installing: glite-lb-common ##### [18/39]
Installing: glite-lb-client ##### [19/39]
Installing: glite-lb-client-interface ##### [20/39]
Installing: classads ##### [21/39]
Installing: glite-lb-ws-interface ##### [22/39]
Installing: glite-lb-server ##### [23/39]
Installing: glite-lb-utils ##### [24/39]
Installing: glite-lb-proxy ##### [25/39]
Installing: glite-lb-logger ##### [26/39]
Installing: lcg-mon-logfile-common ##### [27/39]
Installing: glite-info-templates ##### [28/39]
Installing: glite-info-provider-service ##### [29/39]
Installing: openldap-servers ##### [30/39]
Installing: bdii ##### [31/39]
Installing: glite-yaim-lb ##### [32/39]
Installing: glite-version ##### [33/39]
Installing: glite-info-provider-release ##### [34/39]
Installing: lcg-mon-job-status ##### [35/39]
Installing: glite-yaim-core ##### [36/39]
Installing: glite-security-voms-api-nogl ##### [37/39]
Installing: glue-schema ##### [38/39]
Installing: glite-LB ##### [39/39]

Installed: glite-LB.i386 0:3.1.16-0
Dependency Installed: bdii.noarch 0:4.0.1-4 c-ares.i686 0:1.3.0-4.slc4 classads.i686 0:0.9.8-2.slc4
2.slc4 glite-wms-utils-jobid.i386 0:3.1.5-1.slc4 glite-yaim-core.noarch 0:4.0.11-2 glite-yaim-lb
Complete!
]0;root@forkys-sl34:/etc/yum.repos.d [root@forkys-sl34 yum.repos.d]# cd ~/
]0;root@forkys-sl34:~ [root@forkys-sl34 ~]# mkdir -m 700 yaim
]0;root@forkys-sl34:~ [root@forkys-sl34 ~]# cd yaim
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# cat << EOF > site-info.def
> > GLITE_LB_RTM_ENABLED=true
> > MYSQL_PASSWORD=no_password
```

CertificationReportForPatch3075 < EGEE < TWiki

```
> > SITE_NAME=krakonosovo
> > SITE_EMAIL="valtri@civ.zcu.cz"
> > MON_HOST=my-mon.\$MY_DOMAIN
> > EOF
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# export GLITE_USER=glite
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# /opt/glite/yaim/bin/yaim -c -s ./site-info.d
INFO: Using site configuration file: ./site-info.def
INFO:
#####

.          /'-. ' )
.   yA,-"-,( ,m,:/ ) .oo.   oo   o   ooo o.   .oo
.   /          .-Y a  a Y-.   8. .8'   8'8.   8   8b  d'8
.   /          ~ ~ /          8'   .8oo88.   8   8 8' 8
.  (_/          '===='       8   .8'   8.   8   8 Y 8
.   Y,-''-,Yy,-.,/          o8o o8o   o88o o8o o8o   o8o
.   I_))_) I_))_)

current working directory: /root/yaim
site-info.def date: Feb 23 16:00 ./site-info.def
yaim command: -c -s ./site-info.def -n glite-LB
log file: /opt/glite/yaim/bin/./log/yaimlog
Tue Feb 23 16:00:21 CET 2010 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:
glite-yaim-core 4.0.11-2
glite-yaim-lb 4.1.0-1

#####
INFO: The default location of the grid-env.(c)sh files will be: /opt/glite/etc/profile.d
INFO: Sourcing the utilities in /opt/glite/yaim/functions/utils
INFO: Detecting environment
INFO: Executing function: config_add_pool_env_check
INFO: Executing function: config_host_certs_check
INFO: Executing function: config_edgusers_check
INFO: Executing function: config_rgma_client_check
INFO: Executing function: config_gip_lb_check
INFO: Executing function: config_info_service_lb_check
INFO: Executing function: config_globus_clients_check
INFO: Executing function: config_jobmon_check
INFO: Executing function: config_glite_lb_check
INFO: Executing function: config_glite_locallogger_check
INFO: Executing function: config_bdii_only_check
INFO: Executing function: config_add_pool_env_setenv
INFO: Executing function: config_add_pool_env
INFO: Executing function: config_crl
INFO: Now updating the CRLs - this may take a few minutes...
INFO: Executing function: config_host_certs
INFO: Executing function: config_edgusers
INFO: Executing function: config_rgma_client_setenv
INFO: Executing function: config_rgma_client

Welcome to the R-GMA setup utility
-----

Configuration written to:

/opt/glite/etc/rgma/rgma.conf

To configure security, edit proxy/certificate settings in

/opt/glite/etc/rgma/ClientAuthentication.props

INFO: Executing function: config_gip_only
INFO: Executing function: config_gip_lb
```


CertificationReportForPatch3075 < EGEE < TWiki

```
INFO: Executing function: config_info_service_lb_setenv
INFO: Executing function: config_info_service_lb
INFO: Executing function: config_gip_service_release
INFO: Executing function: config_globus_clients_setenv
INFO: Executing function: config_globus_clients
INFO: Configure the globus service
setup-tmpdirs: creating ./config.status
config.status: creating globus-script-initializer
config.status: creating Paths.pm
creating globus-sh-tools-vars.sh
creating globus-script-initializer
creating Globus::Core::Paths
checking globus-hostname
Done
INFO: Executing function: config_jobmon_setenv
INFO: Executing function: config_jobmon
Shutting down lcg-mon-job-status: [60G[ [0;31mFAILED [0;39m]

Starting lcg-mon-job-status [60G[ [0;32mOK [0;39m ]

INFO: Executing function: config_glite_lb_setenv
INFO: Executing function: config_glite_lb
Initializing MySQL database: [60G[ [0;32mOK [0;39m ]

Starting MySQL: [60G[ [0;32mOK [0;39m ]

glite-lb-notif-interlogd: no process killed
/var/glite/glite-lb-bkserverd.pid does not exist - glite-lb-bkserverd not running?
[11793]: DB '(null)'
Stopping glite-lb-notif-interlogd ...done
Starting glite-lb-bkserverd ... done
Starting glite-lb-notif-interlogd ...glite-lb-interlogd: no process killed
glite-lb-logd: no process killed
glite-lb-interlogd: no process killed
[11994] Initializing...
[11994] Parse messages for correctness... [yes]
[11994] Send messages also to inter-logger... [yes]
[11994] Messages will be stored with the filename prefix "/var/glite/log/dglogd.log".
[11994] Server running with certificate: /C=CZ/O=University of West Bohemia/CN=forkys.zcu.cz
[11994] Listening on port 9002
[11994] Running as daemon... [yes]
done
INFO: Executing function: config_glite_locallogger_setenv
INFO: Executing function: config_glite_locallogger
INFO: Applying the workaround for bug 22389...
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ... done
Starting glite-lb-logd ...This is LocalLogger, part of Workload Management System in EU DataGrid
done
Starting glite-lb-interlogd ... done
INFO: Executing function: config_glite_initd
INFO: Executing function: config_bdii_only
[60G[ [0;31mFAILED [0;39m]
Stopping BDII
Starting BDII [60G[ [0;32mOK [0;39m ]

[80G[ [1;32mOK [0;39m ]
INFO: Configuration Complete.
INFO: YAIM terminated succesfully.
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# ldapsearch -x -H ldap://`hostname -f`:2170 -
# extended LDIF
#
# LDAPv3
# base <o=grid> with scope sub
# filter: (objectclass=*)
# requesting: GlueServiceVersion
#
```

CertificationReportForPatch3075 < EGEE < TWiki

```
# grid
dn: o=grid

# local, grid
dn: Mds-Vo-name=local,o=grid

# resource, grid
dn: Mds-Vo-name=resource,o=grid

# forkys-sl34.zcu.cz_org.glite.lb.server_3383689237, resource, grid
dn: GlueServiceUniqueID=forkys-sl34.zcu.cz_org.glite.lb.server_3383689237,Mds-
Vo-name=resource,o=grid
GlueServiceVersion: 4.4.4.4

# glite-info-service_hostname, forkys-sl34.zcu.cz_org.glite.lb.server_3383689
237, resource, grid
dn: GlueServiceDataKey=glite-info-service_hostname,GlueServiceUniqueID=forkys-
sl34.zcu.cz_org.glite.lb.server_3383689237,Mds-Vo-name=resource,o=grid

# glite-info-service_version, forkys-sl34.zcu.cz_org.glite.lb.server_33836892
37, resource, grid
dn: GlueServiceDataKey=glite-info-service_version,GlueServiceUniqueID=forkys-s
l34.zcu.cz_org.glite.lb.server_3383689237,Mds-Vo-name=resource,o=grid

# search result
search: 2
result: 0 Success

# numResponses: 7
# numEntries: 6
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# echo "exclude=glite-LB*" >> /etc/yum.repos.d
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# cat << EOF > /etc/yum.repos.d/glite-local.re
>> [main]
>> [glite-local]
>> name=Local glite RPMS repository
>> baseurl=file:///var/cache/glite-local
>> enabled=1
>> EOF
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# mkdir /var/cache/glite-local
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# cd /var/cache/glite-local
]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# cat << EOF > list
>> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.server/
32_gcc346/glite-lb-server-1.9.4-1.slc4.i386.rpm
>> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.notif-1
lc4_ia32_gcc346/glite-lb-notif-logger-1.0.0-3.slc4.i386.rpm
>> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.logger/
a32_gcc346/glite-lb-logger-1.4.11-3.slc4.i386.rpm
>> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.common/
32_gcc346/glite-lb-common-6.1.3-2.slc4.i386.rpm
>> http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-info-provider-
/noarch/glite-info-provider-service-1.1.7-0.noarch.rpm
>> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.lb.glite-L
_ia32_gcc346/glite-LB-3.1.17-1.slc4.i386.rpm
>> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.yaim.core/
/glite-yaim-core-4.0.11-2.noarch.rpm
>> http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.yaim.lb/4.
ite-yaim-lb-4.2.1-1.noarch.rpm
>> http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-version/3.2.1/
version-3.2.1-1.noarch.rpm
>> EOF
]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# wget -i list
--16:03:35-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-lb-server-1.9.4-1.slc4.i386.rpm'
Resolving etics-repository.cern.ch... 128.142.130.60
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
```

CertificationReportForPatch3075 < EGEE < TWiki

Length: unspecified

```
[<=> ] 0 --.--K/s
[ <=> ] 345,570 1.60M/s
[ <=> ] 745,147 2.21M/s
```

16:03:36 (2.21 MB/s) - `glite-lb-server-1.9.4-1.slc4.i386.rpm' saved [745147]

```
--16:03:36-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-lb-notif-logger-1.0.0-3.slc4.i386.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified
```

```
[<=> ] 0 --.--K/s
[ <=> ] 26,210 --.--K/s
```

16:03:36 (669.10 KB/s) - `glite-lb-notif-logger-1.0.0-3.slc4.i386.rpm' saved [26210]

```
--16:03:36-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-lb-logger-1.4.11-3.slc4.i386.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified
```

```
[<=> ] 0 --.--K/s
[ <=> ] 46,671 --.--K/s
```

16:03:36 (806.26 KB/s) - `glite-lb-logger-1.4.11-3.slc4.i386.rpm' saved [46671]

```
--16:03:36-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-lb-common-6.1.3-2.slc4.i386.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified
```

```
[<=> ] 0 --.--K/s
[ <=> ] 399,034 1.83M/s
[ <=> ] 672,884 2.27M/s
```

16:03:36 (2.26 MB/s) - `glite-lb-common-6.1.3-2.slc4.i386.rpm' saved [672884]

```
--16:03:36-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite-info
=> `glite-info-provider-service-1.1.7-0.noarch.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified
```

```
[<=> ] 0 --.--K/s
[ <=> ] 26,263 --.--K/s
```

16:03:36 (671.66 KB/s) - `glite-info-provider-service-1.1.7-0.noarch.rpm' saved [26263]

```
--16:03:36-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.
=> `glite-LB-3.1.17-1.slc4.i386.rpm'
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2,638 (2.6K)
```

```
0% [ ] 0 --.--K/s
100%[=====>] 2,638 --.--K/s
```

CertificationReportForPatch3075 < EGEE < TWiki

16:03:36 (314.47 MB/s) - `glite-LB-3.1.17-1.slc4.i386.rpm' saved [2638/2638]

```
--16:03:36-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.  
=> `glite-yaim-core-4.0.11-2.noarch.rpm'  
Reusing existing connection to etics-repository.cern.ch:80.  
HTTP request sent, awaiting response... 200 OK  
Length: unspecified
```

```
[<=> ] 0 --.--K/s  
[ <=> ] 121,636 786.66K/s
```

16:03:36 (786.18 KB/s) - `glite-yaim-core-4.0.11-2.noarch.rpm' saved [121636]

```
--16:03:36-- http://etics-repository.cern.ch/repository/download/registered/org.glite/org.glite.  
=> `glite-yaim-lb-4.2.1-1.noarch.rpm'  
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: unspecified
```

```
[<=> ] 0 --.--K/s  
[ <=> ] 9,166 --.--K/s
```

16:03:37 (498.76 KB/s) - `glite-yaim-lb-4.2.1-1.noarch.rpm' saved [9166]

```
--16:03:37-- http://etics-repository.cern.ch/repository/download/registered/org.glite/glite-vers  
=> `glite-version-3.2.1-1.noarch.rpm'  
Connecting to etics-repository.cern.ch|128.142.130.60|:80... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: 4,828 (4.7K)
```

```
0% [ ] 0 --.--K/s  
100%[=====>] 4,828 --.--K/s
```

16:03:37 (259.83 KB/s) - `glite-version-3.2.1-1.noarch.rpm' saved [4828/4828]

FINISHED --16:03:37--

Downloaded: 1,655,443 bytes in 9 files

```
]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# createrepo .
```

1/9 - glite-yaim-lb-4.2.1-1.noarch.rpm

2/9 - glite-yaim-core-4.0.11-2.noarch.rpm

3/9 - glite-LB-3.1.17-1.slc4.i386.rpm

4/9 - glite-lb-notif-logger-1.0.0-3.slc4.i386.rpm

5/9 - glite-lb-server-1.9.4-1.slc4.i386.rpm

6/9 - glite-version-3.2.1-1.noarch.rpm

7/9 - glite-lb-logger-1.4.11-3.slc4.i386.rpm

8/9 - glite-info-provider-service-1.1.7-0.noarch.rpm

9/9 - glite-lb-common-6.1.3-2.slc4.i386.rpm

Saving Primary metadata

Saving file lists metadata

Saving other metadata

```
]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# yum clean all
```

Loading "kernel-module" plugin

CertificationReportForPatch3075 < EGEE < TWiki

```
Cleaning up Everything
400 headers removed
400 packages removed
15 metadata files removed
0 cache files removed
5 cache files removed
]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# yum upgrade
Loading "kernel-module" plugin
Setting up Upgrade Process
Setting up repositories

dag          100% |=====| 1.1 kB    00:00
eurogridpma 100% |=====| 951 B    00:00
sl-errata    100% |=====| 1.9 kB    00:00
sl-base      100% |=====| 1.1 kB    00:00
glite-local  100% |=====| 951 B    00:00
glite-LB     100% |=====| 951 B    00:00
Reading repository metadata in from local files

primary.xml.gz 100% |=====| 4.2 MB    00:05

dag          : ##### 11782/11782
Added 11782 new packages, deleted 0 old in 27.86 seconds

primary.xml.gz 100% |=====| 24 kB    00:00

eurogridpm: ##### 203/203
Added 203 new packages, deleted 0 old in 0.19 seconds

primary.xml.gz 100% |=====| 196 kB    00:00

sl-errata : ##### 792/792
Added 792 new packages, deleted 0 old in 1.81 seconds

primary.xml.gz 100% |=====| 596 kB    00:01

sl-base : ##### 1843/1843
Added 1843 new packages, deleted 0 old in 4.43 seconds

primary.xml.gz 100% |=====| 2.8 kB    00:00

glite-loca: ##### 9/9
Added 9 new packages, deleted 0 old in 0.02 seconds

primary.xml.gz 100% |=====| 21 kB    00:00

glite-LB : ##### 93/93
Added 93 new packages, deleted 0 old in 0.30 seconds
Excluding Packages from gLite 3.1 File Transfer Monitor
Finished
Resolving Dependencies
--> Populating transaction set with selected packages. Please wait.
--> Downloading header for glite-lb-logger to pack into transaction set.

glite-lb-logger-1.4.11-3. 100% |=====| 3.6 kB    00:00
--> Package glite-lb-logger.i386 0:1.4.11-3.slc4 set to be updated
--> Downloading header for glite-version to pack into transaction set.

glite-version-3.2.1-1.noa 100% |=====| 1.9 kB    00:00
--> Package glite-version.noarch 0:3.2.1-1 set to be updated
--> Downloading header for glite-yaim-lb to pack into transaction set.
```

CertificationReportForPatch3075 < EGEE < TWiki

```

glite-yaim-lb-4.2.1-1.noa 100% |=====| 3.6 kB    00:00
---> Package glite-yaim-lb.noarch 0:4.2.1-1 set to be updated
---> Downloading header for glite-LB to pack into transaction set.

glite-LB-3.1.17-1.slc4.i386 100% |=====| 2.0 kB    00:00
---> Package glite-LB.i386 0:3.1.17-1.slc4 set to be updated
---> Downloading header for glite-lb-server to pack into transaction set.

glite-lb-server-1.9.4-1.s 100% |=====| 7.2 kB    00:00
---> Package glite-lb-server.i386 0:1.9.4-1.slc4 set to be updated
---> Downloading header for glite-lb-common to pack into transaction set.

glite-lb-common-6.1.3-2.s 100% |=====| 5.8 kB    00:00
---> Package glite-lb-common.i386 0:6.1.3-2.slc4 set to be updated
---> Downloading header for glite-info-provider-service to pack into transaction set.

glite-info-provider-servi 100% |=====| 6.6 kB    00:00
---> Package glite-info-provider-service.noarch 0:1.1.7-0 set to be updated
--> Running transaction check
--> Processing Dependency: glite-lb-notif-logger >= 1.0.0 for package: glite-lb-server
--> Restarting Dependency Resolution with new changes.
--> Populating transaction set with selected packages. Please wait.
---> Downloading header for glite-lb-notif-logger to pack into transaction set.

glite-lb-notif-logger-1.0 100% |=====| 2.6 kB    00:00
---> Package glite-lb-notif-logger.i386 0:1.0.0-3.slc4 set to be updated
--> Running transaction check
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

Dependencies Resolved

```

=====
Package                Arch          Version          Repository        Size
=====
Updating:
glite-LB                i386          3.1.17-1.slc4   glite-local       2.6 k
glite-info-provider-service noarch        1.1.7-0         glite-local       26 k
glite-lb-common         i386          6.1.3-2.slc4   glite-local       657 k
glite-lb-logger         i386          1.4.11-3.slc4  glite-local        46 k
glite-lb-server         i386          1.9.4-1.slc4   glite-local       728 k
glite-version           noarch        3.2.1-1         glite-local        4.7 k
glite-yaim-lb           noarch        4.2.1-1         glite-local        9.0 k
Installing for dependencies:
glite-lb-notif-logger   i386          1.0.0-3.slc4   glite-local        26 k

```

Transaction Summary

```

=====
Install      1 Package(s)
Update       7 Package(s)
Remove       0 Package(s)
Total download size: 1.5 M
Is this ok [y/N]: y
Downloading Packages:
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

```

```

Updating   : glite-lb-common          ##### [ 1/15]
Updating   : glite-lb-logger          ##### [ 2/15]
Updating   : glite-info-provider-service ##### [ 3/15]
Updating   : glite-yaim-lb           ##### [ 4/15]

```

CertificationReportForPatch3075 < EGEE < TWiki

```

Updating   : glite-version                ##### [ 5/15]
Installing: glite-lb-notif-logger        ##### [ 6/15]
Updating   : glite-lb-server             ##### [ 7/15]

Updating   : glite-LB                    ##### [ 8/15]
Cleanup    : glite-lb-logger             ##### [ 9/15]
Cleanup    : glite-version               ##### [10/15]
Cleanup    : glite-yaim-lb              ##### [11/15]
Cleanup    : glite-LB                   ##### [12/15]
Cleanup    : glite-lb-server            ##### [13/15]
Cleanup    : glite-lb-common            ##### [14/15]
Cleanup    : glite-info-provider-service ##### [15/15]

Dependency Installed: glite-lb-notif-logger.i386 0:1.0.0-3.slc4
Updated: glite-LB.i386 0:3.1.17-1.slc4 glite-info-provider-service.noarch 0:1.1.7-0 glite-lb-comm
Complete!
]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# /etc/init.d/gList sto
bash: /etc/init.d/gList: No such file or directory
]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# killall -9 glite-lb-i
]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# /etc/init.d/gLite sto
*** glite-lb-bkserverd:
Stopping glite-lb-notif-interlogd ...done
Stopping glite-lb-bkserverd (11844) ... done

*** glite-lb-locallogger:
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ...glite-lb-interlogd: no process killed
done

]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# killall -9 glite-lb-i
glite-lb-interlogd: no process killed
glite-lb-notif-interlogd: no process killed
]0;root@forkys-sl34:/var/cache/glite-local [root@forkys-sl34 glite-local]# cd ~/yaim
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# /opt/glite/yaim/bin/yaim -c -s ./site-info.d
INFO: Using site configuration file: ./site-info.def
INFO:
#####

.          /'-. ' )
.   yA,-"-,( ,m,:/ ) .oo.   oo   o   ooo o.   .oo
.   /          .-Y a  a Y-.   8.  .8'   8'8.   8   8b  d'8
.   /          ~ ~ /         8'   .8oo88.   8   8  8'  8
.  (_/         '====='      8   .8'   8.   8   8  Y  8
.   Y,-''-,Yy,-.,/         o8o  o8o   o88o  o8o  o8o   o8o
.   I_))_) I_))_)

current working directory: /root/yaim
site-info.def date: Feb 23 16:00 ./site-info.def
yaim command: -c -s ./site-info.def -n glite-LB
log file: /opt/glite/yaim/bin/./log/yaimlog
Tue Feb 23 16:06:09 CET 2010 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:
glite-yaim-core 4.0.11-2
glite-yaim-lb 4.2.1-1

#####
INFO: The default location of the grid-env.(c)sh files will be: /opt/glite/etc/profile.d
INFO: Sourcing the utilities in /opt/glite/yaim/functions/utils
INFO: Detecting environment
INFO: Executing function: config_add_pool_env_check
INFO: Executing function: config_host_certs_check
INFO: Executing function: config_edgusers_check
INFO: Executing function: config_gip_lb_check

```

CertificationReportForPatch3075 < EGEE < TWiki

```
INFO: Executing function: config_info_service_lb_check
INFO: Executing function: config_globus_clients_check
INFO: Executing function: config_glite_lb_check
INFO: Executing function: config_glite_locallogger_check
INFO: Executing function: config_bdii_only_check
INFO: Executing function: config_add_pool_env_setenv
INFO: Executing function: config_add_pool_env
INFO: Executing function: config_crl
INFO: Executing function: config_host_certs
INFO: Executing function: config_edgusers
INFO: Executing function: config_gip_only
INFO: Executing function: config_gip_lb
INFO: Executing function: config_info_service_lb_setenv
INFO: Executing function: config_info_service_lb
INFO: Executing function: config_gip_service_release
INFO: Executing function: config_globus_clients_setenv
INFO: Executing function: config_globus_clients
INFO: Configure the globus service
setup-tmpdirs: creating ./config.status
config.status: creating globus-script-initializer
config.status: creating Paths.pm
creating globus-sh-tools-vars.sh
creating globus-script-initializer
creating Globus::Core::Paths
checking globus-hostname
Done
glite-lb-notif-interlogd: no process killed
/var/glite/glite-lb-bkserverd.pid does not exist - glite-lb-bkserverd not running?
  INFO: Executing function: config_glite_lb_setenv
  INFO: Executing function: config_glite_lb
  WARNING: Database lbserver20 already exists
Stopping glite-lb-notif-interlogd ...done
Starting glite-lb-bkserverd ...[14637]: DB '(null)'
glite-lb-interlogd: no process killed
glite-lb-logd: no process killed
glite-lb-interlogd: no process killed
done
Starting glite-lb-notif-interlogd ... done
  INFO: Executing function: config_glite_locallogger_setenv
  INFO: Executing function: config_glite_locallogger
  INFO: The workaround for bug 22389 already exists
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ... done
Starting glite-lb-logd ...[14831] Initializing...
[14831] Parse messages for correctness... [yes]
[14831] Send messages also to inter-logger... [yes]
[14831] Messages will be stored with the filename prefix "/var/glite/log/dglogd.log".
[14831] Server running with certificate: /C=CZ/O=University of West Bohemia/CN=forkys.zcu.cz
[14831] Listening on port 9002
[14831] Running as daemon... [yes]
This is LocalLogger, part of Workload Management System in EU DataGrid & EGEE.
done
Starting glite-lb-interlogd ... done
  INFO: Executing function: config_glite_initd
  INFO: Executing function: config_bdii_only
[60G[ [0;32mOK [0;39m ]
Stopping BDII
Starting BDII [60G[ [0;32mOK [0;39m ]

[80G[ [1;32mOK [0;39m ]
  INFO: Configuration Complete.
  INFO: YAIM terminated succesfully.
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]# ldapsearch -x -H ldap://`hostname -f`:2170 -
# extended LDIF
#
# LDAPv3
# base <o=grid> with scope sub
```


CertificationReportForPatch3075 < EGEE < TWiki

```
# filter: (objectclass=*)
# requesting: GlueServiceVersion
#
# grid
dn: o=grid
# local, grid
dn: Mds-Vo-name=local,o=grid
# resource, grid
dn: Mds-Vo-name=resource,o=grid
# forkys-sl34.zcu.cz_org.glite.lb.server_3383689237, resource, grid
dn: GlueServiceUniqueID=forkys-sl34.zcu.cz_org.glite.lb.server_3383689237,Mds-
Vo-name=resource,o=grid
GlueServiceVersion: 4.4.4.4
# glite-info-service_hostname, forkys-sl34.zcu.cz_org.glite.lb.server_3383689
237, resource, grid
dn: GlueServiceDataKey=glite-info-service_hostname,GlueServiceUniqueID=forkys-
sl34.zcu.cz_org.glite.lb.server_3383689237,Mds-Vo-name=resource,o=grid
# glite-info-service_version, forkys-sl34.zcu.cz_org.glite.lb.server_33836892
37, resource, grid
dn: GlueServiceDataKey=glite-info-service_version,GlueServiceUniqueID=forkys-s
l34.zcu.cz_org.glite.lb.server_3383689237,Mds-Vo-name=resource,o=grid
# search result
search: 2
result: 0 Success
# numResponses: 7
# numEntries: 6
]0;root@forkys-sl34:~/yaim [root@forkys-sl34 yaim]#
Script done on Tue 23 Feb 2010 04:10:04 PM CET
```

Tests

User Space Tests

TestPlan	https://twiki.cern.ch/twiki/bin/view/EGEE/LBTestPlan
TestPlan Tests	http://glite.cvs.cern.ch/cgi-bin/glite.cgi/org.glite.testsuites.ctb/LB/tests/
TestPlan Test Documentation	http://egee.cesnet.cz/cvsweb/LB/LBTP.pdf

In the Wild Real-World Test

```
ui1.egee.cesnet.cz$ ./lb-test-wild.sh -n 1 -f html --test done forkys-sl34.zcu.cz:9000
Feb 23 17:09:47 ui1.egee.cesnet.cz lb-test-wild.sh: start
[wild] submit (done test): https://forkys-sl34.zcu.cz:9000/q0-toHO0hp0fIvTo0GSTtw
[wild] sleep before cancel...
[wild] submitted done
[wild] =====
[wild] 2010-02-23 17:10:05 https://forkys-sl34.zcu.cz:9000/q0-toHO0hp0fIvTo0GSTtw Ready (done test)
[wild] 2010-02-23 17:10:35 https://forkys-sl34.zcu.cz:9000/q0-toHO0hp0fIvTo0GSTtw Scheduled (done
test)
[wild] 2010-02-23 17:12:06 https://forkys-sl34.zcu.cz:9000/q0-toHO0hp0fIvTo0GSTtw Running (done test)
[wild] 2010-02-23 17:14:38 https://forkys-sl34.zcu.cz:9000/q0-toHO0hp0fIvTo0GSTtw Done (done test)
[wild] all jobs finished done
[wild] =====
[wild] https://forkys-sl34.zcu.cz:9000/q0-toHO0hp0fIvTo0GSTtw: 'Done' OK (done) done
```

```
[wild] components: JobController LogMonitor LRMS NetworkServer WorkloadManager OK done
[wild] =====
[wild] job output test
[wild] fetching output from https://forkys-sl34.zcu.cz:9000/q0-toHO0hp0fIvTo0GSTtw
[wild] output of 'https://forkys-sl34.zcu.cz:9000/q0-toHO0hp0fIvTo0GSTtw' fetched done
[wild] 2010-02-23 17:15:15 https://forkys-sl34.zcu.cz:9000/q0-toHO0hp0fIvTo0GSTtw Cleared (done test)
[wild] all jobs in done cleared done
[wild] outputs: jobOutput.28425/0/std.out jobOutput.28425/0/std.err
Feb 23 17:15:25 ui1.egee.cesnet.cz lb-test-wild.sh: end
```

```
ui1.egee.cesnet.cz$ ./lb-test-wild.sh -n 1 -f html --test cancel forkys-sl34.zcu.cz:9000
Feb 23 17:15:25 ui1.egee.cesnet.cz lb-test-wild.sh: start
[wild] submit (done test): https://forkys-sl34.zcu.cz:9000/4cwkIjb1s86or-_hdJqcng
[wild] sleep before cancel...
[wild] cancel https://forkys-sl34.zcu.cz:9000/4cwkIjb1s86or-_hdJqcng
[wild] submitted done
[wild] =====
[wild] 2010-02-23 17:15:41 https://forkys-sl34.zcu.cz:9000/4cwkIjb1s86or-_hdJqcng Ready (cancel test)
[wild] 2010-02-23 17:16:12 https://forkys-sl34.zcu.cz:9000/4cwkIjb1s86or-_hdJqcng Cancelled (cancel test)
[wild] all jobs finished done
[wild] =====
[wild] https://forkys-sl34.zcu.cz:9000/4cwkIjb1s86or-_hdJqcng: 'Cancelled' OK (cancel) done
[wild] components: JobController LogMonitor NetworkServer WorkloadManager OK done
[wild] =====
[wild] job output test
[wild] all jobs in done cleared done
[wild] outputs:
Feb 23 17:16:52 ui1.egee.cesnet.cz lb-test-wild.sh: end
```

Server Purge Test (Using Local Server Certificate)

- see **Test Plan** notes

```
[glite@forkys-sl34 tests]$ X509_USER_CERT=$HOME/.certs/hostcert.pem \
X509_USER_KEY=$HOME/.certs/hostkey.pem \
./lb-test-purge.pl --i-want-to-purge `hostname -f`:9000
```

Hey, purging the whole database...The jobs were not dumped.

The following jobs were purged:

```
https://forkys-sl34.zcu.cz:9000/IStFAaABUStpildXNkTgpg
https://forkys-sl34.zcu.cz:9000/UJGTkFT31T1XT2PmjfHgDw
https://forkys-sl34.zcu.cz:9000/ZOwtEIQiN1LTuT6wIcoa4Q
https://forkys-sl34.zcu.cz:9000/xslkIgzTR2_NQ3i5ecL4Fg
```

[done]

Logging test jobs

```
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/0SFdGPknrlzd0kpxfJ2V-A -c
UI=000002:NS=0000000000:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e Accepted --from=UserInterface --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/0SFdGPknrlzd0kpxfJ2V-A -c
UI=000002:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/0SFdGPknrlzd0kpxfJ2V-A -c
UI=000002:NS=0000000004:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
```

```

-s WorkloadManager -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/0SFdGPknrlzd0kpxfJ2V-A -c
UI=000002:NS=0000000004:WM=000002:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperCall --helper_name=name of the called component
--helper_params=parameters of the call --src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/0SFdGPknrlzd0kpxfJ2V-A -c
UI=000002:NS=0000000004:WM=000004:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e Match --dest_id=destination CE/queue
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/0SFdGPknrlzd0kpxfJ2V-A -c
UI=000002:NS=0000000004:WM=000006:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperReturn --helper_name=name of the called component --retval=returned data
--src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/0SFdGPknrlzd0kpxfJ2V-A -c
UI=000002:NS=0000000004:WM=000008:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/0SFdGPknrlzd0kpxfJ2V-A -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s JobController -e Abort --reason just to test
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000000:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e Accepted --from=UserInterface --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000002:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperCall --helper_name=name of the called component
--helper_params=parameters of the call --src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000004:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e Match --dest_id=destination CE/queue
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000006:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperReturn --helper_name=name of the called component --retval=returned data
--src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000008:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s JobController -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000002:LM=000000:LRMS=000000:APP=000000
-s JobController -e Transfer --destination=LRMS --dest_host=destination hostname

```

```

--dest_instance=destination instance --job=job description in receiver language --result=OK --reason=detailed
description of transfer --dest_jobid=destination internal jobid
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000000:LRMS=000000:APP=000000
-s LogMonitor -e Accepted --from=JobController --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000002:LRMS=000000:APP=000000
-s LogMonitor -e Transfer --destination=LRMS --dest_host=destination hostname --dest_instance=destination
instance --job=job description in receiver language --result=OK --reason=detailed description of transfer
--dest_jobid=destination internal jobid
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000004:LRMS=000000:APP=000000
-s LogMonitor -e Running --node=worker node
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000006:LRMS=000000:APP=000000
-s LogMonitor -e Done --status_code=OK --reason=reason for the change --exit_code=0
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/8gI4GszffBeM3GtzHe2RnQ -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000008:LRMS=000000:APP=000000
-s LogMonitor -e Clear --reason=USER
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000000:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e Accepted --from=UserInterface --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000002:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperCall --helper_name=name of the called component
--helper_params=parameters of the call --src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000004:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e Match --dest_id=destination CE/queue
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000006:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperReturn --helper_name=name of the called component --retval=returned data
--src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000008:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s JobController -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000002:LM=000000:LRMS=000000:APP=000000
-s JobController -e Transfer --destination=LRMS --dest_host=destination hostname

```

```

--dest_instance=destination instance --job=job description in receiver language --result=OK --reason=detailed
description of transfer --dest_jobid=destination internal jobid
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000000:LRMS=000000:APP=000000
-s LogMonitor -e Accepted --from=JobController --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000002:LRMS=000000:APP=000000
-s LogMonitor -e Transfer --destination=LRMS --dest_host=destination hostname --dest_instance=destination
instance --job=job description in receiver language --result=OK --reason=detailed description of transfer
--dest_jobid=destination internal jobid
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000004:LRMS=000000:APP=000000
-s LogMonitor -e Running --node=worker node
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA -c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000006:LRMS=000000:APP=000000
-s LogMonitor -e Done --status_code=CANCELLED --reason=reason for the change --exit_code=0
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/-puurienkhrp0zu60fXokw -c
UI=000002:NS=0000000000:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e Accepted --from=UserInterface --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
So far so good [ done ]
sleeping 60 seconds...
OK, another set of jobs/opt/glite/examples/./bin/glite-lb-logevent -j
https://forkys-sl34.zcu.cz:9000/GpbT-w9DYpd259dB3IYEIQ -c
UI=000002:NS=0000000000:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e Accepted --from=UserInterface --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/GpbT-w9DYpd259dB3IYEIQ
-c
UI=000002:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/GpbT-w9DYpd259dB3IYEIQ
-c
UI=000002:NS=0000000004:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/GpbT-w9DYpd259dB3IYEIQ
-c
UI=000002:NS=0000000004:WM=000002:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperCall --helper_name=name of the called component
--helper_params=parameters of the call --src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/GpbT-w9DYpd259dB3IYEIQ
-c
UI=000002:NS=0000000004:WM=000004:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e Match --dest_id=destination CE/queue
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/GpbT-w9DYpd259dB3IYEIQ
-c
UI=000002:NS=0000000004:WM=000006:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperReturn --helper_name=name of the called component --retval=returned data
--src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/GpbT-w9DYpd259dB3IYEIQ
-c

```



```

UI=000002:NS=0000000004:WM=000008:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/GpbT-w9DYpd259dB31YEIQ
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s JobController -e Abort --reason just to test
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000000:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e Accepted --from=UserInterface --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000002:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperCall --helper_name=name of the called component
--helper_params=parameters of the call --src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000004:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e Match --dest_id=destination CE/queue
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000006:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperReturn --helper_name=name of the called component --retval=returned data
--src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000008:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s JobController -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000002:LM=000000:LRMS=000000:APP=000000
-s JobController -e Transfer --destination=LRMS --dest_host=destination hostname
--dest_instance=destination instance --job=job description in receiver language --result=OK --reason=detailed
description of transfer --dest_jobid=destination internal jobId
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-s134.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c

```

```

UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000000:LRMS=000000:APP=000000
-s LogMonitor -e Accepted --from=JobController --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000002:LRMS=000000:APP=000000
-s LogMonitor -e Transfer --destination=LRMS --dest_host=destination hostname --dest_instance=destination
instance --job=job description in receiver language --result=OK --reason=detailed description of transfer
--dest_jobid=destination internal jobId
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000004:LRMS=000000:APP=000000
-s LogMonitor -e Running --node=worker node
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000006:LRMS=000000:APP=000000
-s LogMonitor -e Done --status_code=OK --reason=reason for the change --exit_code=0
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000008:LRMS=000000:APP=000000
-s LogMonitor -e Clear --reason=USER
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000000:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e Accepted --from=UserInterface --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e EnQueued --queue=destination queue --job=job description in receiver language
--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000002:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperCall --helper_name=name of the called component
--helper_params=parameters of the call --src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000004:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e Match --dest_id=destination CE/queue
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000006:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e HelperReturn --helper_name=name of the called component --retval=returned data
--src_role=CALLING
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000008:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s WorkloadManager -e EnQueued --queue=destination queue --job=job description in receiver language

```

```

--result=OK --reason=detailed description of transfer
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s JobController -e DeQueued --queue=queue name --local_jobid=new jobId assigned by the receiving
component
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000002:LM=000000:LRMS=000000:APP=000000
-s JobController -e Transfer --destination=LRMS --dest_host=destination hostname
--dest_instance=destination instance --job=job description in receiver language --result=OK --reason=detailed
description of transfer --dest_jobid=destination internal jobId
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000000:LRMS=000000:APP=000000
-s LogMonitor -e Accepted --from=JobController --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000002:LRMS=000000:APP=000000
-s LogMonitor -e Transfer --destination=LRMS --dest_host=destination hostname --dest_instance=destination
instance --job=job description in receiver language --result=OK --reason=detailed description of transfer
--dest_jobid=destination internal jobId
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000004:LRMS=000000:APP=000000
-s LogMonitor -e Running --node=worker node
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
-c
UI=000002:NS=0000000004:WM=000010:BH=0000000000:JSS=000004:LM=000006:LRMS=000000:APP=000000
-s LogMonitor -e Done --status_code=CANCELLED --reason=reason for the change --exit_code=0
/opt/glite/examples/./bin/glite-lb-logevent -j https://forkys-sl34.zcu.cz:9000/AzhaC8Difjrm3qHV1gZZaA -c
UI=000002:NS=0000000000:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000
-s NetworkServer -e Accepted --from=UserInterface --from_host=sending component hostname
--from_instance=sending component instance --local_jobid=new jobId (Condor Globus ...)
[ done ]
draining other 6 seconds ...
test jobs:
aborted:
  https://forkys-sl34.zcu.cz:9000/OSFdGPknrlzd0kpxfJ2V-A
  https://forkys-sl34.zcu.cz:9000/GpbT-w9DYPd259dB31YEIQ
cleared:
  https://forkys-sl34.zcu.cz:9000/8gI4GszzffBeM3GtzHe2RnQ
  https://forkys-sl34.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw
cancelled:
  https://forkys-sl34.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA
  https://forkys-sl34.zcu.cz:9000/QmePwsv17nOOiQ3D5uy4aw
other:
  https://forkys-sl34.zcu.cz:9000/-puurienkhrp0zu60fXokw
  https://forkys-sl34.zcu.cz:9000/AzhaC8Difjrm3qHV1gZZaA
Dry run
30s aborted https://forkys-sl34.zcu.cz:9000/OSFdGPknrlzd0kpxfJ2V-A [ done ]
0s aborted https://forkys-sl34.zcu.cz:9000/OSFdGPknrlzd0kpxfJ2V-A [ done ]
0s aborted https://forkys-sl34.zcu.cz:9000/GpbT-w9DYPd259dB31YEIQ [ done ]

```


30s cleared <https://forkys-sl34.zcu.cz:9000/8gI4GszzfBeM3GtzHe2RnQ> [done]
0s cleared <https://forkys-sl34.zcu.cz:9000/8gI4GszzfBeM3GtzHe2RnQ> [done]
0s cleared https://forkys-sl34.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw [done]
30s cancelled <https://forkys-sl34.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA> [done]
0s cancelled <https://forkys-sl34.zcu.cz:9000/QmePwsvl7nOOiQ3D5uy4aw> [done]
0s cancelled <https://forkys-sl34.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA> [done]
Server defaults
Nothing purged as expected [done]
Purge the first set of jobs
diff OK [done]
Purge the rest
diff OK [done]
Anything left?
No, OK [done]
Check zombies
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching jobs found)
<https://forkys-sl34.zcu.cz:9000/-puurienkhrp0zu60fXokw> [-TEST FAILED-]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching jobs found)
<https://forkys-sl34.zcu.cz:9000/0SFdGPknrlzd0kpxfJ2V-A> [-TEST FAILED-]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching jobs found)
<https://forkys-sl34.zcu.cz:9000/m4lgFD2jSJiu9NTFDi2ksA> [-TEST FAILED-]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching jobs found)
<https://forkys-sl34.zcu.cz:9000/8gI4GszzfBeM3GtzHe2RnQ> [-TEST FAILED-]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching jobs found)
<https://forkys-sl34.zcu.cz:9000/AzhaC8Difjrm3qHV1gZZaA> [-TEST FAILED-]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching jobs found)
<https://forkys-sl34.zcu.cz:9000/GpbT-w9DYpd259dB31YEIQ> [-TEST FAILED-]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching jobs found)
<https://forkys-sl34.zcu.cz:9000/QmePwsvl7nOOiQ3D5uy4aw> [-TEST FAILED-]
/opt/glite/examples/glite-lb-job_status: edg_wll_JobStatus: No such file or directory (no matching jobs found)
https://forkys-sl34.zcu.cz:9000/MAP02tg_HtOXdPT2f7AUEw [-TEST FAILED-]
Jobs should be known and purged

Review of Linked Bugs

[#35770](#)

Fix certified with patch [#2848](#)

[#48163](#)

Fix tested manually:

1. Job registered
2. Notification registered to watch that job
3. Events generated continuously to match (producer)
4. Notifications received continuously (listener)
5. Disk & memory consumption monitored while activating/deactivating the producer and/or listener

Result:

Fix verified. Multiple interlogger files are being created in sequence, those that have been processed are properly purged.

#55482 [↗](#)

Fix tested manually:

- Before the update

```
$ ldapsearch -x -H ldap://forkys-sl34.zcu.cz:2170 -b 'o=grid' | grep GlueServiceVersion
GlueServiceVersion: 4.4.4.4
```

- After the update

```
$ ldapsearch -x -H ldap://forkys-sl34.zcu.cz:2170 -b 'o=grid' | grep GlueServiceVersion
GlueServiceVersion: 1.9.4
```

Fix verified

#36336 [↗](#)

This bug has been formally attached to the patch ex-post. The certification procedure shown above verifies the fix, though.

Fix verified

-- ZdenekSustr - 6-Apr-2010

This topic: EGEE > CertificationReportForPatch3075

Topic revision: r12 - 2010-04-06 - ZdenekSustr



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