

Table of Contents

Certification Report for Patch 4623 (LB 2.1.21, SL5, 64-bit)	1
Origins.....	1
Clean installation.....	1
Environment.....	1
Process.....	1
Full output of the installation.....	1
Tests.....	11
Tests.....	11
In the Wild—Real-World Test.....	20
Upgrade from production.....	21
Environment.....	21
Process.....	21
Full output of the installation.....	22
Tests.....	35
Tests.....	35
In the Wild—Real-World Test.....	44
Review of Linked Bugs.....	45
LB locallogger and bkserverd startup scripts should remove stale sockets (#77357).....	45
wrong categorization of errors at interlog--bkserver interface (#77365).....	47
edg_wll_DoLogEventServer() should read any reply only once (#77366).....	47
interlogd should access /tmp/interlogger.sock regularly (#71311).....	47
Wrong default for GLITE_LB_EXPORT_PURGE_ARGS (#78560).....	48

Certification Report for Patch 4623 (LB 2.1.21, SL5, 64-bit)

Origins

Build Report	http://etics-repository.cern.ch/repository/reports/id/dd41aca1-b38f-4f19-9c4e-fcebb4aa5ac0/sl5_x86_64_g
YUM repo file	http://etics-repository.cern.ch/repository/pm/registered/repomd/id/dd41aca1-b38f-4f19-9c4e-fcebb4aa5ac0
Patch	https://savannah.cern.ch/patch/?4623
Task	https://savannah.cern.ch/task/index.php?18950
Subsystem	org.glite.lb, org.glite.lbjp-common
Status	Certified
Duration	12 hours over 6 days
Previous Report	https://twiki.cern.ch/twiki/bin/view/EGEE/CertificationReportForPatch4610

Clean installation

Environment

Clean SL5 installation according to gLite guidelines (CA certificates, ...).

Process

```
cd /etc/yum.repos.d
wget http://etics-repository.cern.ch/repository/pm/registered/repomd/id/dd41aca1-b38f-4f19-9c4e-f
yum -y install glite-LB

cd ~/
mkdir -m 700 yaim
cd yaim

cat << EOF > site-info.def
MYSQL_PASSWORD=[Edited]
SITE_NAME=delwin
SITE_EMAIL="[Edited]"
GLITE_LB_TYPE=both
GLITE_LB_SUPER_USERS="/DC=org/DC=terena/DC=tcs/C=CZ/O=CESNET/CN=Zdenek Sustr 4040"
EOF

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

Full output of the installation

```
[root@delwin ~]# cd /etc/yum.repos.d
[root@delwin yum.repos.d]# wget http://etics-repository.cern.ch/repository/pm/registered/repomd/i
--2011-05-03 18:09:46-- http://etics-repository.cern.ch/repository/pm/registered/repomd/id/dd41a
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: 868
Saving to: `etics-registered-build-by-id-protect.repo'

100% [=====] 868
```

CertificationReportForPatch4623 < EGEE < TWiki

2011-05-03 18:09:47 (19.3 MB/s) - `etics-registered-build-by-id-protect.repo' saved [868/868]

```
[root@delwin yum.repos.d]# yum -y install glite-LB
Loaded plugins: kernel-module
EGI-trustanchors
ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5ac0-sl5_x86_64_gcc412
ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5ac0-sl5_x86_64_gcc412/primary
ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5ac0-sl5_x86_64_gcc412
sl-base
sl-security
sl-security/primary_db
Setting up Install Process
Resolving Dependencies
--> Running transaction check
----> Package glite-LB.x86_64 0:3.2.12-11.sl5 set to be updated
--> Processing Dependency: org.glite.lb.client-java >= 1.0.5 for package: glite-LB
--> Processing Dependency: gpt >= 3.2_4.0.8p1_x86_64_rhap_5 for package: glite-LB
--> Processing Dependency: glue-schema >= 2.0.6 for package: glite-LB
--> Processing Dependency: glite-version >= 3.2.3 for package: glite-LB
--> Processing Dependency: glite-lb-yaim >= 4.2.14 for package: glite-LB
--> Processing Dependency: glite-lb-ws-test >= 1.1.5 for package: glite-LB
--> Processing Dependency: glite-lb-utils >= 2.0.8 for package: glite-LB
--> Processing Dependency: glite-lb-server >= 2.1.16 for package: glite-LB
--> Processing Dependency: glite-lb-logger >= 2.1.14 for package: glite-LB
--> Processing Dependency: glite-lb-harvester >= 1.0.11 for package: glite-LB
--> Processing Dependency: glite-lb-doc >= 1.1.11 for package: glite-LB
--> Processing Dependency: glite-info-templates >= 1.0.0 for package: glite-LB
--> Processing Dependency: glite-info-provider-service >= 1.4.3 for package: glite-LB
--> Processing Dependency: glite-info-provider-release >= 1.0.1 for package: glite-LB
--> Processing Dependency: fetch-crl >= 2.7.0 for package: glite-LB
--> Processing Dependency: bouncycastle-glite >= 1.42 for package: glite-LB
--> Processing Dependency: bdii >= 5.0.9 for package: glite-LB
--> Running transaction check
----> Package bdii.noarch 0:5.0.9-1 set to be updated
--> Processing Dependency: openldap-servers for package: bdii
--> Processing Dependency: openldap-clients for package: bdii
--> Processing Dependency: expect for package: bdii
----> Package bouncycastle-glite.noarch 0:1.42-3.jdk5 set to be updated
----> Package fetch-crl.noarch 0:2.7.0-2 set to be updated
----> Package glite-info-provider-release.noarch 0:1.0.1-1 set to be updated
--> Processing Dependency: perl(Net::LDAP) for package: glite-info-provider-release
----> Package glite-info-provider-service.noarch 0:1.4.3-0 set to be updated
----> Package glite-info-templates.noarch 0:1.0.0-12 set to be updated
----> Package glite-lb-doc.x86_64 0:1.1.11-3.sl5 set to be updated
----> Package glite-lb-harvester.x86_64 0:1.0.11-1.sl5 set to be updated
--> Processing Dependency: org.glite.lbjp-common.log >= 1.0.5 for package: glite-lb-harvester
--> Processing Dependency: glite-lbjp-common-trio >= 2.0.3 for package: glite-lb-harvester
--> Processing Dependency: glite-lbjp-common-gss >= 2.1.6 for package: glite-lb-harvester
--> Processing Dependency: glite-lbjp-common-db >= 2.0.5 for package: glite-lb-harvester
--> Processing Dependency: glite-lb-common >= 7.1.9 for package: glite-lb-harvester
--> Processing Dependency: glite-lb-client >= 4.1.9 for package: glite-lb-harvester
--> Processing Dependency: glite-jobid-api-c >= 1.0.6 for package: glite-lb-harvester
--> Processing Dependency: libltdl_gcc64dbgpthr.so.3()(64bit) for package: glite-lb-harvester
--> Processing Dependency: liblog4c.so.3()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_proxy_ssl_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_openssl_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_openssl_error_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_oldgaa_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_gssapi_gsi_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_gsi_sysconfig_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_gsi_proxy_core_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_gsi_credential_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_gsi_cert_utils_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_gsi_callback_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_common_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglite_security_gss_gcc64dbgpthr.so.1()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglite_lbu_trio.so.2()(64bit) for package: glite-lb-harvester
```

CertificationReportForPatch4623 < EGEE < TWiki

```
--> Processing Dependency: libglite_lbu_log.so.1()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglite_lbu_db.so.2()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglite_lb_common_gcc64dbgpthr.so.9()(64bit) for package: glite-lb-ha
--> Processing Dependency: libglite_lb_client_gcc64dbgpthr.so.4()(64bit) for package: glite-lb-ha
--> Processing Dependency: libglite_jobid.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libclassad.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libcares.so.2()(64bit) for package: glite-lb-harvester
---> Package glite-lb-logger.x86_64 0:2.1.14-1.s15 set to be updated
---> Package glite-lb-server.x86_64 0:2.1.16-1.s15 set to be updated
--> Processing Dependency: mysql-server >= 5.0.45 for package: glite-lb-server
--> Processing Dependency: mysql >= 5.0.45 for package: glite-lb-server
--> Processing Dependency: gridsite-shared >= 1.7.9 for package: glite-lb-server
--> Processing Dependency: glite-security-voms-api-cpp >= 1.9.19 for package: glite-lb-server
--> Processing Dependency: glite-security-lcas >= 1.3.11 for package: glite-lb-server
--> Processing Dependency: glite-lbjp-common-server-bones >= 2.0.3 for package: glite-lb-server
--> Processing Dependency: glite-lbjp-common-maildir >= 2.0.2 for package: glite-lb-server
--> Processing Dependency: glite-lbjp-common-gsoap-plugin >= 2.1.3 for package: glite-lb-server
--> Processing Dependency: glite-lb-ws-interface >= 3.1.2 for package: glite-lb-server
--> Processing Dependency: glite-lb-state-machine >= 1.1.4 for package: glite-lb-server
--> Processing Dependency: libvomsapi_gcc64dbg.so.0()(64bit) for package: glite-lb-server
--> Processing Dependency: liblcas.so.0()(64bit) for package: glite-lb-server
--> Processing Dependency: libgridsite_globus.so.1.5()(64bit) for package: glite-lb-server
--> Processing Dependency: libglite_security_gsoap_plugin_276b_gcc64dbg_c.so.1()(64bit) for packa
--> Processing Dependency: libglite_lbu_server_bones.so.2()(64bit) for package: glite-lb-server
--> Processing Dependency: libglite_lbu_maildir.so.2()(64bit) for package: glite-lb-server
---> Package glite-lb-utils.x86_64 0:2.0.8-4.s15 set to be updated
--> Processing Dependency: glite-lbjp-common-jp-interface >= 2.0.3 for package: glite-lb-utils
--> Processing Dependency: libglite_jp_common_gcc64dbg.so.2()(64bit) for package: glite-lb-utils
---> Package glite-lb-ws-test.x86_64 0:1.1.5-5.s15 set to be updated
---> Package glite-lb-yaim.x86_64 0:4.2.14-4.s15 set to be updated
--> Processing Dependency: glite-yaim-core >= 4.0.14 for package: glite-lb-yaim
---> Package glite-version.noarch 0:3.2.3-1 set to be updated
---> Package glue-schema.noarch 0:2.0.6-1 set to be updated
---> Package gpt.x86_64 0:3.2.4.0.8p1_x86_64_rhap_5-1 set to be updated
---> Package org.glite.lb.client-java.x86_64 0:1.0.5-6.s15 set to be updated
--> Processing Dependency: jakarta-commons-lang >= 2.1 for package: org.glite.lb.client-java
--> Processing Dependency: glite-security-util-java >= 2.8.6 for package: org.glite.lb.client-jav
--> Processing Dependency: glite-security-trustmanager >= 2.5.5 for package: org.glite.lb.client-
--> Processing Dependency: glite-jobid-api-java >= 1.0.3 for package: org.glite.lb.client-java
--> Running transaction check
---> Package c-ares.x86_64 0:1.6.0-1.e15 set to be updated
---> Package classads.x86_64 0:1.0-2.s15 set to be updated
---> Package expect.x86_64 0:5.43.0-5.1 set to be updated
---> Package glite-jobid-api-c.x86_64 0:1.0.6-1.s15 set to be updated
---> Package glite-jobid-api-java.x86_64 0:1.0.3-2.s15 set to be updated
--> Processing Dependency: jakarta-commons-codec >= 1.3 for package: glite-jobid-api-java
---> Package glite-lb-client.x86_64 0:4.1.9-1.s15 set to be updated
---> Package glite-lb-common.x86_64 0:7.1.9-1.s15 set to be updated
---> Package glite-lb-state-machine.x86_64 0:1.1.4-5.s15 set to be updated
---> Package glite-lb-ws-interface.x86_64 0:3.1.2-7.s15 set to be updated
---> Package glite-lbjp-common-db.x86_64 0:2.0.5-3.s15 set to be updated
---> Package glite-lbjp-common-gsoap-plugin.x86_64 0:2.1.3-3.s15 set to be updated
---> Package glite-lbjp-common-gss.x86_64 0:2.1.6-1.s15 set to be updated
---> Package glite-lbjp-common-jp-interface.x86_64 0:2.0.3-4.s15 set to be updated
---> Package glite-lbjp-common-maildir.x86_64 0:2.0.2-4.s15 set to be updated
---> Package glite-lbjp-common-server-bones.x86_64 0:2.0.3-3.s15 set to be updated
---> Package glite-lbjp-common-trio.x86_64 0:2.0.3-4.s15 set to be updated
---> Package glite-security-lcas.x86_64 0:1.3.11-3.1.s15 set to be updated
---> Package glite-security-trustmanager.noarch 0:2.5.5-1 set to be updated
--> Processing Dependency: log4j >= 1.2.13 for package: glite-security-trustmanager
---> Package glite-security-util-java.noarch 0:2.8.6-1.GL32 set to be updated
---> Package glite-security-voms-api-cpp.x86_64 0:1.9.19-3.s15 set to be updated
---> Package glite-yaim-core.noarch 0:4.0.14-1 set to be updated
---> Package gridsite-shared.x86_64 0:1.7.9-3.s15 set to be updated
---> Package jakarta-commons-lang.x86_64 0:2.1-5jpp.1 set to be updated
---> Package log4c.x86_64 0:1.2.1-2.s15 set to be updated
---> Package mysql.x86_64 0:5.0.77-4.e15_5.4 set to be updated
```

CertificationReportForPatch4623 < EGEE < TWiki

```
--> Processing Dependency: perl(DBI) for package: mysql
--> Package mysql-server.x86_64 0:5.0.77-4.el5_5.4 set to be updated
--> Processing Dependency: perl-DBD-MySQL for package: mysql-server
--> Package openldap-clients.x86_64 0:2.3.43-12.el5_6.7 set to be updated
--> Processing Dependency: openldap = 2.3.43-12.el5_6.7 for package: openldap-clients
--> Package openldap-servers.x86_64 0:2.3.43-12.el5_6.7 set to be updated
ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5ac0-s15_x86_64_gcc412/filelists
sl-security/filelists_db
--> Processing Dependency: libltdl.so.3()(64bit) for package: openldap-servers
--> Package org.glib.lbjp-common.log.x86_64 0:1.0.5-3.s15 set to be updated
--> Package perl-LDAP.noarch 1:0.33-3.fc6 set to be updated
--> Processing Dependency: perl(HTTP::Status) for package: perl-LDAP
--> Processing Dependency: perl(HTTP::Negotiate) for package: perl-LDAP
--> Processing Dependency: perl(Convert::ASN1) for package: perl-LDAP
--> Processing Dependency: perl(LWP::MediaTypes) for package: perl-LDAP
--> Processing Dependency: perl(HTTP::Response) for package: perl-LDAP
--> Processing Dependency: perl(LWP::Protocol) for package: perl-LDAP
--> Processing Dependency: perl(XML::SAX::Base) for package: perl-LDAP
--> Processing Dependency: perl(IO::Socket::SSL) for package: perl-LDAP
--> Package vdt_globus_essentials.x86_64 0:VDT1.10.1x86_64_rhap_5-4 set to be updated
--> Running transaction check
--> Package jakarta-commons-codec.x86_64 0:1.3-7jpp.2 set to be updated
--> Package libtool-ltdl.x86_64 0:1.5.22-7.el5_4 set to be updated
--> Package log4j.noarch 0:1.2.14-1 set to be updated
--> Processing Dependency: openldap = 2.3.43-12.el5_5.1 for package: openldap-devel
--> Processing Dependency: openldap = 2.3.43-12.el5_5.1 for package: openldap-devel
--> Package openldap.i386 0:2.3.43-12.el5_6.7 set to be updated
--> Package openldap.x86_64 0:2.3.43-12.el5_6.7 set to be updated
--> Package perl-Convert-ASN1.noarch 0:0.20-1.1 set to be updated
--> Package perl-DBD-MySQL.x86_64 0:3.0007-2.el5 set to be updated
--> Package perl-DBI.x86_64 0:1.52-2.el5 set to be updated
--> Package perl-IO-Socket-SSL.noarch 0:1.01-1.fc6 set to be updated
--> Processing Dependency: perl(Net::SSLeay) >= 1.21 for package: perl-IO-Socket-SSL
--> Package perl-XML-SAX.noarch 0:0.14-8 set to be updated
--> Processing Dependency: perl(XML::NamespaceSupport) for package: perl-XML-SAX
--> Package perl-libwww-perl.noarch 0:5.805-1.1.1 set to be updated
--> Processing Dependency: perl-HTML-Parser >= 3.33 for package: perl-libwww-perl
--> Processing Dependency: perl(HTML::Entities) for package: perl-libwww-perl
--> Processing Dependency: perl(Compress::Zlib) for package: perl-libwww-perl
--> Running transaction check
--> Package openldap-devel.i386 0:2.3.43-12.el5_6.7 set to be updated
--> Package openldap-devel.x86_64 0:2.3.43-12.el5_6.7 set to be updated
--> Package perl-Compress-Zlib.x86_64 0:1.42-1.fc6 set to be updated
--> Package perl-HTML-Parser.x86_64 0:3.55-1.fc6 set to be updated
--> Processing Dependency: perl-HTML-Tagset >= 3.03 for package: perl-HTML-Parser
--> Processing Dependency: perl(HTML::Tagset) for package: perl-HTML-Parser
--> Package perl-Net-SSLeay.x86_64 0:1.30-4.fc6 set to be updated
--> Package perl-XML-NamespaceSupport.noarch 0:1.09-1.2.1 set to be updated
--> Running transaction check
--> Package perl-HTML-Tagset.noarch 0:3.10-2.1.1 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin
```

Dependencies Resolved

```
=====
Package           Arch    Version      Repository
=====
Installing:
 glite-LB          x86_64 3.2.12-11.s15 ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
Installing for dependencies:
 bdi               noarch 5.0.9-1      ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
 bouncecastle-glite noarch 1.42-3.jdk5  ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
 c-ares            x86_64 1.6.0-1.el5  ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
 classads          x86_64 1.0-2.s15    ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
 expect            x86_64 5.43.0-5.1   sl-base
=====
```

Full output of the installation

CertificationReportForPatch4623 < EGEE < TWiki

```

fetch-crl          noarch 2.7.0-2          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-info-provider-release
                   noarch 1.0.1-1          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-info-provider-service
                   noarch 1.4.3-0          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-info-templates
                   noarch 1.0.0-12         ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-jobid-api-c  x86_64 1.0.6-1.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-jobid-api-java
                   x86_64 1.0.3-2.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-client    x86_64 4.1.9-1.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-common    x86_64 7.1.9-1.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-doc       x86_64 1.1.11-3.s15         ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-harvester x86_64 1.0.11-1.s15         ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-logger    x86_64 2.1.14-1.s15        ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-server    x86_64 2.1.16-1.s15        ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-state-machine
                   x86_64 1.1.4-5.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-utils     x86_64 2.0.8-4.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-ws-interface
                   x86_64 3.1.2-7.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-ws-test   x86_64 1.1.5-5.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lb-yaim      x86_64 4.2.14-4.s15        ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lbjp-common-db
                   x86_64 2.0.5-3.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lbjp-common-gsoap-plugin
                   x86_64 2.1.3-3.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lbjp-common-gss
                   x86_64 2.1.6-1.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lbjp-common-jp-interface
                   x86_64 2.0.3-4.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lbjp-common-maildir
                   x86_64 2.0.2-4.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lbjp-common-server-bones
                   x86_64 2.0.3-3.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-lbjp-common-trio
                   x86_64 2.0.3-4.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-security-lcas
                   x86_64 1.3.11-3.1.s15
                   ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-security-trustmanager
                   noarch 2.5.5-1          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-security-util-java
                   noarch 2.8.6-1.GL32      ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-security-voms-api-cpp
                   x86_64 1.9.19-3.s15        ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-version      noarch 3.2.3-1          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glite-yaim-core    noarch 4.0.14-1          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
glue-schema        noarch 2.0.6-1          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
gpt                x86_64 3.2_4.0.8p1_x86_64_rhap_5-1
                   ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
gridsite-shared    x86_64 1.7.9-3.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
jakarta-commons-codec
                   x86_64 1.3-7jpp.2          sl-base
jakarta-commons-lang
                   x86_64 2.1-5jpp.1          sl-base
libtool-ltdl       x86_64 1.5.22-7.el5_4
                   sl-base
log4c              x86_64 1.2.1-2.s15          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
log4j              noarch 1.2.14-1          ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
mysql              x86_64 5.0.77-4.el5_5.4
                   sl-security
mysql-server       x86_64 5.0.77-4.el5_5.4
                   sl-security
openldap-clients   x86_64 2.3.43-12.el5_6.7
                   sl-security
openldap-servers   x86_64 2.3.43-12.el5_6.7

```

CertificationReportForPatch4623 < EGEE < TWiki

```
sl-security
org.glite.lb.client-java
    x86_64 1.0.5-6.s15 ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
org.glite.lbjp-common.log
    x86_64 1.0.5-3.s15 ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
perl-Compress-Zlib x86_64 1.42-1.fc6 sl-base
perl-Convert-ASN1 noarch 0.20-1.1 sl-base
perl-DBD-MySQL x86_64 3.0007-2.e15 sl-base
perl-DBI x86_64 1.52-2.e15 sl-base
perl-HTML-Parser x86_64 3.55-1.fc6 sl-base
perl-HTML-Tagset noarch 3.10-2.1.1 sl-base
perl-IO-Socket-SSL noarch 1.01-1.fc6 sl-base
perl-LDAP noarch 1:0.33-3.fc6 sl-base
perl-Net-SSLeay x86_64 1.30-4.fc6 sl-base
perl-XML-NamespaceSupport
    noarch 1.09-1.2.1 sl-base
perl-XML-SAX noarch 0.14-8 sl-base
perl-libwww-perl noarch 5.805-1.1.1 sl-base
vdt_globus_essentials
    x86_64 VDT1.10.1x86_64_rhap_5-4
    ETICS-registered-build-dd41aca1-b38f-4f19-9c4e-fcebb4aa5
Updating for dependencies:
openldap i386 2.3.43-12.e15_6.7
    sl-security
openldap x86_64 2.3.43-12.e15_6.7
    sl-security
openldap-devel i386 2.3.43-12.e15_6.7
    sl-security
openldap-devel x86_64 2.3.43-12.e15_6.7
    sl-security
```

Transaction Summary

```
=====
Install      63 Package(s)
Upgrade      4 Package(s)
```

Total download size: 65 M

Downloading Packages:

```
(1/67): glite-info-provider-release-1.0.1-1.noarch.rpm
(2/67): glite-LB-3.2.12-11.s15.x86_64.rpm
(3/67): glite-version-3.2.3-1.noarch.rpm
(4/67): glite-jobid-api-java-1.0.3-2.s15.x86_64.rpm
(5/67): glite-info-templates-1.0.0-12.noarch.rpm
(6/67): glite-lb-yaim-4.2.14-4.s15.x86_64.rpm
(7/67): glite-lbjp-common-maildir-2.0.2-4.s15.x86_64.rpm
(8/67): perl-HTML-Tagset-3.10-2.1.1.noarch.rpm
(9/67): perl-XML-NamespaceSupport-1.09-1.2.1.noarch.rpm
(10/67): org.glite.lbjp-common.log-1.0.5-3.s15.x86_64.rpm
(11/67): bdii-5.0.9-1.noarch.rpm
(12/67): glite-lb-ws-interface-3.1.2-7.s15.x86_64.rpm
(13/67): glite-jobid-api-c-1.0.6-1.s15.x86_64.rpm
(14/67): fetch-crl-2.7.0-2.noarch.rpm
(15/67): glite-lbjp-common-server-bones-2.0.3-3.s15.x86_64.rpm
(16/67): glue-schema-2.0.6-1.noarch.rpm
(17/67): libtool-ltdl-1.5.22-7.e15_4.x86_64.rpm
(18/67): glite-lbjp-common-jp-interface-2.0.3-4.s15.x86_64.rpm
(19/67): perl-Convert-ASN1-0.20-1.1.noarch.rpm
(20/67): c-ares-1.6.0-1.s15.x86_64.rpm
(21/67): glite-info-provider-service-1.4.3-0.noarch.rpm
(22/67): perl-IO-Socket-SSL-1.01-1.fc6.noarch.rpm
(23/67): perl-Compress-Zlib-1.42-1.fc6.x86_64.rpm
(24/67): glite-lb-utils-2.0.8-4.s15.x86_64.rpm
(25/67): glite-lbjp-common-db-2.0.5-3.s15.x86_64.rpm
(26/67): glite-lbjp-common-trio-2.0.3-4.s15.x86_64.rpm
(27/67): glite-lb-harvester-1.0.11-1.s15.x86_64.rpm
(28/67): glite-lbjp-common-gss-2.1.6-1.s15.x86_64.rpm
(29/67): perl-XML-SAX-0.14-8.noarch.rpm
```

Full output of the installation

CertificationReportForPatch4623 < EGEE < TWiki

```
(30/67): glite-lb-logger-2.1.14-1.s15.x86_64.rpm
(31/67): glite-security-lcas-1.3.11-3.1.s15.x86_64.rpm
(32/67): perl-HTML-Parser-3.55-1.fc6.x86_64.rpm
(33/67): jakarta-commons-codec-1.3-7jpp.2.x86_64.rpm
(34/67): glite-yaim-core-4.0.14-1.noarch.rpm
(35/67): gridsite-shared-1.7.9-3.s15.x86_64.rpm
(36/67): perl-DBD-MySQL-3.0007-2.e15.x86_64.rpm
(37/67): glite-lb-state-machine-1.1.4-5.s15.x86_64.rpm
(38/67): expect-5.43.0-5.1.x86_64.rpm
(39/67): log4c-1.2.1-2.s15.x86_64.rpm
(40/67): perl-Net-SSLeay-1.30-4.fc6.x86_64.rpm
(41/67): openldap-clients-2.3.43-12.e15_6.7.x86_64.rpm
(42/67): openldap-2.3.43-12.e15_6.7.i386.rpm
(43/67): openldap-2.3.43-12.e15_6.7.x86_64.rpm
(44/67): perl-LDAP-0.33-3.fc6.noarch.rpm
(45/67): glite-security-util-java-2.8.6-1.GL32.noarch.rpm
(46/67): log4j-1.2.14-1.noarch.rpm
(47/67): perl-libwww-perl-5.805-1.1.1.noarch.rpm
(48/67): jakarta-commons-lang-2.1-5jpp.1.x86_64.rpm
(49/67): org.glite.lb.client-java-1.0.5-6.s15.x86_64.rpm
(50/67): perl-DBI-1.52-2.e15.x86_64.rpm
(51/67): glite-lb-common-7.1.9-1.s15.x86_64.rpm
(52/67): glite-lb-server-2.1.16-1.s15.x86_64.rpm
(53/67): glite-lb-ws-test-1.1.5-5.s15.x86_64.rpm
(54/67): gpt-3.2_4.0.8p1_x86_64_rhap_5-1.x86_64.rpm
(55/67): bouncycastle-glite-1.42-3.jdk5.noarch.rpm
(56/67): openldap-devel-2.3.43-12.e15_6.7.i386.rpm
(57/67): openldap-devel-2.3.43-12.e15_6.7.x86_64.rpm
(58/67): glite-lb-client-4.1.9-1.s15.x86_64.rpm
(59/67): openldap-servers-2.3.43-12.e15_6.7.x86_64.rpm
(60/67): glite-lbjp-common-gsoap-plugin-2.1.3-3.s15.x86_64.rpm
(61/67): classads-1.0-2.s15.x86_64.rpm
(62/67): glite-lb-doc-1.1.11-3.s15.x86_64.rpm
(63/67): glite-security-voms-api-cpp-1.9.19-3.s15.x86_64.rpm
(64/67): mysql-5.0.77-4.e15_5.4.x86_64.rpm
(65/67): glite-security-trustmanager-2.5.5-1.noarch.rpm
(66/67): mysql-server-5.0.77-4.e15_5.4.x86_64.rpm
(67/67): vdt_globus_essentials-VDT1.10.1x86_64_rhap_5-4.x86_64.rpm
```

Total

1.3

Running rpm_check_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing      : c-ares
Installing      : glite-jobid-api-c
Installing      : glite-lbjp-common-trio
Installing      : classads
Installing      : log4c
Installing      : org.glite.lbjp-common.log
Installing      : glite-lbjp-common-db
Updating        : openldap
Installing      : perl-DBI
Installing      : mysql
Installing      : glite-lbjp-common-jp-interface
Installing      : glite-lbjp-common-maildir
Installing      : gpt
```

sed: can't read sbin/CVS: No such file or directory

sed: can't read Entries: No such file or directory

sed: can't read Repository: No such file or directory

sed: can't read Root: No such file or directory

sed: can't read Tag: No such file or directory

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

Full output of the installation

7

CertificationReportForPatch4623 < EGEE < TWiki

```
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 x86_64-unknown-linux-gnu
  Installing      : vdt_globus_essentials
  Installing      : glite-lbjp-common-gss
  Installing      : glite-lb-common
  Installing      : glite-lb-client
  Installing      : glite-lb-state-machine
  Installing      : glite-lbjp-common-gsoap-plugin
  Installing      : glite-version
  Installing      : glue-schema
  Installing      : glite-lb-ws-interface
  Installing      : bouncycastle-glite
  Installing      : glite-security-util-java
  Installing      : glite-lb-ws-test
  Installing      : glite-lb-utils
  Installing      : glite-lb-harvester
  Installing      : glite-lb-logger
  Installing      : glite-security-lcas
  Installing      : perl-DBD-MySQL
  Installing      : mysql-server
  Installing      : glite-lbjp-common-server-bones
  Installing      : expect
  Installing      : perl-Net-SSLLeay
  Installing      : glite-security-voms-api-cpp
  Installing      : jakarta-commons-codec
  Installing      : libtool-ltdl
  Installing      : jakarta-commons-lang
  Installing      : gridsite-shared
  Installing      : glite-lb-server
  Installing      : perl-Compress-Zlib
  Installing      : glite-jobid-api-java
  Installing      : perl-IO-Socket-SSL
  Installing      : glite-info-templates
  Installing      : perl-XML-Namespacesupport
  Installing      : perl-XML-SAX
  Installing      : glite-yaim-core
  Installing      : glite-lb-yaim
  Installing      : glite-info-provider-service
  Installing      : perl-HTML-Tagset
  Installing      : perl-HTML-Parser
  Installing      : perl-libwww-perl
  Installing      : fetch-crl
  Installing      : perl-Convert-ASN1
  Installing      : perl-LDAP
  Installing      : glite-info-provider-release
  Installing      : glite-lb-doc
  Installing      : log4j
  Updating        : openldap
  Installing      : openldap-servers
  Installing      : openldap-clients
  Installing      : bdi
  Installing      : glite-security-trustmanager
  Installing      : org.glite.lb.client-java
  Updating        : openldap-devel
  Installing      : glite-LB
  Updating        : openldap-devel
  Cleanup         : openldap
  Cleanup         : openldap
```

CertificationReportForPatch4623 < EGEE < TWiki

Cleanup : openldap-devel
Cleanup : openldap-devel

Installed:

glite-LB.x86_64 0:3.2.12-11.s15

Dependency Installed:

```
bdii.noarch 0:5.0.9-1
c-ares.x86_64 0:1.6.0-1.el5
expect.x86_64 0:5.43.0-5.1
glite-info-provider-release.noarch 0:1.0.1-1
glite-info-templates.noarch 0:1.0.0-12
glite-jobid-api-java.x86_64 0:1.0.3-2.s15
glite-lb-common.x86_64 0:7.1.9-1.s15
glite-lb-harvester.x86_64 0:1.0.11-1.s15
glite-lb-server.x86_64 0:2.1.16-1.s15
glite-lb-utils.x86_64 0:2.0.8-4.s15
glite-lb-ws-test.x86_64 0:1.1.5-5.s15
glite-lbjp-common-db.x86_64 0:2.0.5-3.s15
glite-lbjp-common-gss.x86_64 0:2.1.6-1.s15
glite-lbjp-common-maildir.x86_64 0:2.0.2-4.s15
glite-lbjp-common-trio.x86_64 0:2.0.3-4.s15
glite-security-trustmanager.noarch 0:2.5.5-1
glite-security-voms-api-cpp.x86_64 0:1.9.19-3.s15
glite-yaim-core.noarch 0:4.0.14-1
gpt.x86_64 0:3.2.4.0.8p1.x86_64_rhap_5-1
jakarta-commons-codec.x86_64 0:1.3-7jpp.2
libtool-ltdl.x86_64 0:1.5.22-7.el5_4
log4j.noarch 0:1.2.14-1
mysql-server.x86_64 0:5.0.77-4.el5_5.4
openldap-servers.x86_64 0:2.3.43-12.el5_6.7
org.glite.lbjp-common.log.x86_64 0:1.0.5-3.s15
perl-Convert-ASN1.noarch 0:0.20-1.1
perl-DBI.x86_64 0:1.52-2.el5
perl-HTML-Tagset.noarch 0:3.10-2.1.1
perl-LDAP.noarch 1:0.33-3.fc6
perl-XML-NamespaceSupport.noarch 0:1.09-1.2.1
perl-libwww-perl.noarch 0:5.805-1.1.1
bouncycastle-glite.noarch 0:1.42-3.j
classads.x86_64 0:1.0-2.s15
fetch-crl.noarch 0:2.7.0-2
glite-info-provider-service.noarch 0
glite-jobid-api-c.x86_64 0:1.0.6-1.s15
glite-lb-client.x86_64 0:4.1.9-1.s15
glite-lb-doc.x86_64 0:1.1.11-3.s15
glite-lb-logger.x86_64 0:2.1.14-1.s15
glite-lb-state-machine.x86_64 0:1.1.
glite-lb-ws-interface.x86_64 0:3.1.2
glite-lb-yaim.x86_64 0:4.2.14-4.s15
glite-lbjp-common-gsoap-plugin.x86_6
glite-lbjp-common-jp-interface.x86_6
glite-lbjp-common-server-bones.x86_6
glite-security-lcas.x86_64 0:1.3.11-
glite-security-util-java.noarch 0:2.
glite-version.noarch 0:3.2.3-1
glue-schema.noarch 0:2.0.6-1
gridsite-shared.x86_64 0:1.7.9-3.s15
jakarta-commons-lang.x86_64 0:2.1-5j
log4c.x86_64 0:1.2.1-2.s15
mysql.x86_64 0:5.0.77-4.el5_5.4
openldap-clients.x86_64 0:2.3.43-12.
org.glite.lb.client-java.x86_64 0:1.
perl-Compress-Zlib.x86_64 0:1.42-1.f
perl-DBD-MySQL.x86_64 0:3.0007-2.el5
perl-HTML-Parser.x86_64 0:3.55-1.fc6
perl-IO-Socket-SSL.noarch 0:1.01-1.f
perl-Net-SSLeay.x86_64 0:1.30-4.fc6
perl-XML-SAX.noarch 0:0.14-8
vdt_globus_essentials.x86_64 0:VDT1.
```

Dependency Updated:

```
openldap.i386 0:2.3.43-12.el5_6.7
openldap.x86_64 0:2.3.43-12.el5_6.7
openldap-devel.x86_64 0:2.3.43-12.el5_6.7
openldap-devel
```

Complete!

```
[root@delwin yum.repos.d]#
[root@delwin yum.repos.d]# cd ~/
[root@delwin ~]# mkdir -m 700 yaim
[root@delwin ~]# cd yaim
[root@delwin yaim]# cat << EOF > site-info.def
> MYSQL_PASSWORD=[Edited]
> SITE_NAME=delwin
> SITE_EMAIL="[Edited]"
> GLITE_LB_TYPE=both
> GLITE_LB_SUPER_USERS="/DC=org/DC=terena/DC=tcs/C=CZ/O=CESNET/CN=Zdenek Sustr 4040"
> EOF
[root@delwin yaim]#
[root@delwin 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
```

CertificationReportForPatch4623 < EGEE < TWiki

```
. I_))_ I_))_

current working directory: /root/yaim
site-info.def date: May 3 18:18 ./site-info.def
yaim command: -c -s ./site-info.def -n glite-LB
log file: /opt/glite/yaim/bin/./log/yaimlog
Tue May 3 18:18:02 CEST 2011 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:
glite-lb-yaim 4.2.14-4
glite-yaim-core 4.0.14-1

#####
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
sed: can't read /opt/glite/etc/gip/glite-info-generic.conf: No such file or directory
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
INFO: Configuring nodes [LB], using L&B mode: both
Initializing MySQL database: Installing MySQL system tables...
OK
Filling help tables...
OK

To start mysqld at boot time you have to copy
support-files/mysql.server to the right place for your system

PLEASE REMEMBER TO SET A PASSWORD FOR THE MySQL root USER !
To do so, start the server, then issue the following commands:
/usr/bin/mysqladmin -u root password 'new-password'
/usr/bin/mysqladmin -u root -h delwin.fi.muni.cz password 'new-password'
```

CertificationReportForPatch4623 < EGEE < TWiki

Alternatively you can run:
/usr/bin/mysql_secure_installation

which will also give you the option of removing the test databases and anonymous user created by default. This is strongly recommended for production servers.

See the manual for more instructions.

You can start the MySQL daemon with:
cd /usr ; /usr/bin/mysqld_safe &

You can test the MySQL daemon with mysql-test-run.pl
cd mysql-test ; perl mysql-test-run.pl

Please report any problems with the /usr/bin/mysqlbug script!

The latest information about MySQL is available on the web at
<http://www.mysql.com>
Support MySQL by buying support/licenses at <http://shop.mysql.com>

```
Starting MySQL: [ OK ]
glite-lb-notif-interlogd not running
glite-lb-bkserverd not running
glite-jp-importer not running
glite-lb-interlogd not running
Starting glite-lb-bkserver ...Warning: MySQL library version mismatch (compiled '50045', runtime
done
Starting glite-lb-notif-interlogd ... done
Starting glite-lb-interlog for proxy ... 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 ... not running
Stopping glite-lb-interlogd ... not running
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: BDII Already stopped
Starting SLAPD: [ OK ]

Starting update process: [ OK ]

INFO: Configuration Complete. [ OK ]
INFO: YAIM terminated succesfully.
```

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 ↗

Testing if all binaries are available
Testing credentials
Getting proxy cert path... /tmp/x509up_u503
L&B server: 'delwin.fi.muni.cz'
x509up_u503
arrange_lb_test_root.sh
Package postgresql-8.1.23-1.e15_6.1.x86_64 already installed and latest version
Package postgresql-server-8.1.23-1.e15_6.1.x86_64 already installed and latest version

Tests

CertificationReportForPatch4623 < EGEE < TWiki

```
Starting postgresql service: [ OK ]
createuser: could not connect to database postgres: could not connect to server: Connection refused
Is the server running locally and accepting
connections on Unix domain socket "/tmp/.s.PGSQL.5432"?
glite user ID is 155
cvs checkout: Updating org.glite.testsuites.ctb/LB
U org.glite.testsuites.ctb/LB/LB-certconfig
U org.glite.testsuites.ctb/LB/LB-certtest.sh
U org.glite.testsuites.ctb/LB/Makefile
cvs checkout: Updating org.glite.testsuites.ctb/LB/manual
U org.glite.testsuites.ctb/LB/manual/Readme.txt
U org.glite.testsuites.ctb/LB/manual/Readme2.txt.old
cvs checkout: Updating org.glite.testsuites.ctb/LB/tests
U org.glite.testsuites.ctb/LB/tests/Makefile
U org.glite.testsuites.ctb/LB/tests/lb-common.sh
U org.glite.testsuites.ctb/LB/tests/lb-l2.sh
U org.glite.testsuites.ctb/LB/tests/lb-l2ILR.sh
U org.glite.testsuites.ctb/LB/tests/lb-l2Stat.sh
U org.glite.testsuites.ctb/LB/tests/lb-run-tests.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-acl-authz.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-bdii.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-binaries.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-changeacl.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-event-delivery.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-harvester.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-https.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-il-recovery.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-job-registration.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-job-states.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-logevent.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-logger-local.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-logger-remote.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif-msg.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif-recovery.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif-stream.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif-switch.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-proxy-delivery.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-purge.pl
U org.glite.testsuites.ctb/LB/tests/lb-test-sandbox-transfer.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-server-local.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-server-remote.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-statistics.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-switch-owner.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-threaded.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-wild.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-ws.sh
U org.glite.testsuites.ctb/LB/tests/test-common.sh
U org.glite.testsuites.ctb/LB/tests/testSocket.c
org.glite.testsuites.ctb
MANPATH=/opt/edg/share/man:/opt/glite/share/man:/opt/glite/yaim/man:/opt/globus/man:/opt/lcg/man:
GLITE_JP_LOCATION=
HOSTNAME=delwin.fi.muni.cz
GLITE_WMS_QUERY_TIMEOUT=300
GLITE_LB_NOTIF_IL_OTHER_OPTIONS=
GLITE_LB_HARVESTER_OTHER_OPTIONS=
GLITE_LB_SERVER_OTHER_OPTIONS=
GLITE_MYSQL_ROOT_PASSWORD=[Edited]
GLITE_WMS_QUERY_SERVER=delwin.fi.muni.cz:9000
LD_LIBRARY_PATH=/opt/glite/lib64:/opt/globus/lib:/opt/log4c/lib64:/opt/classads/lib64:/opt/c-ares
GLITE_LB_SERVER_WPORT=9003
GLITE_WMS_LBPROXY_STORE_SOCKET=/tmp/lb_proxy_
GLITE_WMS_NOTIF_SERVER=delwin.fi.muni.cz:9000
PATH=/usr/kerberos/bin:/opt/edg/bin:/opt/glite/bin:/opt/globus/bin:/opt/lcg/bin:/usr/local/bin:/b
GLITE_LB_TYPE=both
GLITE_HOST_KEY=/home/glite/.certs/hostkey.pem
GLITE_LB_LOGGER_PORT=9002
```

```

GLITE_USER=glite
GLITE_LB_EXPORT_ENABLED=false
GLITE_LOCATION_VAR=/var/glite
GLITE_LB_PROXY_IL_OTHER_OPTIONS=
GLITE_LB_SERVER_PORT=9000
GLITE_LB_EXPORT_PURGE_ARGS=--cleared 2d --aborted 15d --cancelled 15d --other 60d
HNAME=delwin.fi.muni.cz
GLITE_LOCATION=/opt/glite
GLITE_HOST_CERT=/home/glite/.certs/hostcert.pem
GLITE_WMS_LOG_DESTINATION=delwin.fi.muni.cz:9002
/home/glite/LB_testing/org.glite.testsuites.ctb/LB/tests
=====
REAL TESTS START HERE
=====

```

May 04 15:50:20 delwin.fi.muni.cz lb-test-event-delivery.sh: start

Testing if all binaries are available **done**

Testing credentials **done**

Registering testing job... Registered job: <https://delwin.fi.muni.cz:9000/MgHUoqzMytmzP68ZLssj6w> **done**

Logging events resulting in READY state... Sleeping for 10 seconds... Is the testing job (<https://delwin.fi.muni.cz:9000/MgHUoqzMytmzP68ZLssj6w>) in a correct state? Ready **done**

Logging events resulting in DONE state... Sleeping for 10 seconds... Testing job (<https://delwin.fi.muni.cz:9000/MgHUoqzMytmzP68ZLssj6w>) is in state: Done **done**

Registering collection **done**

Collection ID: https://delwin.fi.muni.cz:9000/-q3_NaEMdhDpLCoSCdw5Pg Subjob 1:

<https://delwin.fi.muni.cz:9000/Z37sbt9WRKKYHxsAKh1Qvw> Subjob 2:

https://delwin.fi.muni.cz:9000/CqR0DSA_KrMHB-2GgW6WQg Checking if subjob registration worked...

Registration event recorded **done**

JDL present **done**

Logging events for subjobs... Sleeping for 10 seconds (waiting for events to deliver)... Is the testing job (<https://delwin.fi.muni.cz:9000/Z37sbt9WRKKYHxsAKh1Qvw>) in a correct state? Ready **done**

Is the testing job (https://delwin.fi.muni.cz:9000/CqR0DSA_KrMHB-2GgW6WQg) in a correct state? Done **done**

Is the collection (https://delwin.fi.muni.cz:9000/-q3_NaEMdhDpLCoSCdw5Pg) in a correct state?

Waiting **done**

Logging events to clear subjobs... Sleeping for 10 seconds (waiting for events to deliver)... Is the collection (https://delwin.fi.muni.cz:9000/-q3_NaEMdhDpLCoSCdw5Pg) in a correct state? Cleared **done**

Purging collection... The jobs were not dumped. Sleeping for 10 seconds... Checking state of collection... Purged **done**

Checking state of subjob #1... Purged **done**

Checking state of subjob #2... Purged **done**

Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:51:22**

delwin.fi.muni.cz lb-test-event-delivery.sh: end

May 04 15:51:22 delwin.fi.muni.cz lb-test-il-recovery.sh: start

Testing if all binaries are available **done**

Testing credentials **done**

Registering testing job (<https://delwin.fi.muni.cz:9000/JRqCBDjVvJBgUzu7DGV99g>) **done**

Info: No command to stop was given Generating events resulting in CLEARED state Info: No command to start was given Sleeping for 70 seconds (waiting for interlogger to notice and deliver events)... Testing job (<https://delwin.fi.muni.cz:9000/JRqCBDjVvJBgUzu7DGV99g>) is in state: Cleared **done**

Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:52:32**

delwin.fi.muni.cz lb-test-il-recovery.sh: end

May 04 15:52:32 delwin.fi.muni.cz lb-test-job-registration.sh: start

Testing if all binaries are available **done**

Testing credentials **done**

Registering testing job (https://delwin.fi.muni.cz:9000/eD2l15OXpIMbcOyfLsl_3w) **done**

Is the job in a correct state? Submitted **done**

Trying to re-register job with the same jobid...(Event No. 2)... **done**
 Trying to re-register job with the same jobid, 'exclusive' flag on... Returned 1 **done**
 Checking events... (There are 2 events)... **done**
 Test job purged. Testing state... **done**
 Trying to re-register. Same JobID, exclusive flag... Returned 1 **done**
 Checking state (expecting state 'Purged' or EIDRM). **done**
 Trying to re-register same JobID, exclusive flag off. Returned 0 **done**
 Checking state (expecting state 'Submitted'). **done**
May 04 15:52:34 delwin.fi.muni.cz lb-test-job-registration.sh: end
May 04 15:52:34 delwin.fi.muni.cz lb-test-https.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Getting proxy cert path... /tmp/x509up_u155 **done**
 Registering testing job **done**
 Evaluating job list... **done**
 Looking up the test job... **done**
 Evaluating job status listing... **done**
 Checking for jobid (verifying content)... **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. Registering notification
 glite-lb-notify new -j https://delwin.fi.muni.cz:9000/W11MwNOh-YnewcuPnoenJw
 (https://delwin.fi.muni.cz:9000/NOTIF:Ri5-xAToLLXrxvLwP0StwQ) **done**
 Evaluating notification status listing... **done**
 Checking for jobid (verifying content)... **done**
 Dropping the test notification (https://delwin.fi.muni.cz:9000/NOTIF:Ri5-xAToLLXrxvLwP0StwQ) **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:52:35**
delwin.fi.muni.cz lb-test-https.sh: end
May 04 15:52:35 delwin.fi.muni.cz lb-test-job-states.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job (https://delwin.fi.muni.cz:9000/dhgqp1yvFlfZNGXXr4N6sA) **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. **May 04 15:54:59 delwin.fi.muni.cz lb-test-job-states.sh: end**
May 04 15:54:59 delwin.fi.muni.cz lb-test-logevent.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job (https://delwin.fi.muni.cz:9000/6Agc-xuklioRAUmoscXnIQ) **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.6Agc-xuklioRAUmoscXnIQ) **done**
 Comparing results () ... (MATCH) **done**
 Cleaning up Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:55:01 delwin.fi.muni.cz lb-test-logevent.sh: end**
May 04 15:55:01 delwin.fi.muni.cz lb-test-notif-recovery.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job (https://delwin.fi.muni.cz:9000/tVR-jqrvy596YLuYMi6O1w) **done**
 Registering notification (https://delwin.fi.muni.cz:9000/NOTIF:bShV5bC3BAD2ZH5EYG-Khg) **done**
 Logging events resulting in DONE state notification is valid until: '2011-05-04 14:55:13 UTC' (1304520913)
 glite-lb-notify: Connection timed out (edg_wll_NotifReceive: poll() timed out) ./lb-test-notif-recovery.sh: line 157: kill: (23953) - No such process Notifications were delivered **done**
 Dropping the test notification (https://delwin.fi.muni.cz:9000/NOTIF:bShV5bC3BAD2ZH5EYG-Khg) **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:55:23 delwin.fi.muni.cz lb-test-notif-recovery.sh: end**
May 04 15:55:23 delwin.fi.muni.cz lb-test-notif.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job (https://delwin.fi.muni.cz:9000/TFM5p6P3cJsdL3CW6BfSoQ) **done**
 Registering notification (https://delwin.fi.muni.cz:9000/NOTIF:LDmFJ3VURsNHHjh3qV_DDA) **done**
 Logging events resulting in DONE state notification is valid until: '2011-05-04 14:55:24 UTC' (1304520924)
 glite-lb-notify: Connection timed out (edg_wll_NotifReceive: poll() timed out) ./lb-test-notif.sh: line 156: kill: (24035) - No such process Notifications were delivered **done**
 Dropping the test notification (https://delwin.fi.muni.cz:9000/NOTIF:LDmFJ3VURsNHHjh3qV_DDA) **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:55:36 delwin.fi.muni.cz lb-test-notif.sh: end**
May 04 15:55:36 delwin.fi.muni.cz lb-test-notif-switch.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**

Registering testing jobs old: <https://delwin.fi.muni.cz:9000/38iRxpWPJMea5w5VqOMWtw>
 new:<https://delwin.fi.muni.cz:9000/pTPrKU2keOZM47sKi9oNKw> **done**
 Registering notification (https://delwin.fi.muni.cz:9000/NOTIF:W1AY8K_73fsQKdpRixSfvQ) **done**
 Logging events resulting in RUNNING state notification is valid until: '2011-05-04 14:55:36 UTC' (1304520936) Notifications were delivered **done**
 Changing notification ... glite-lb-notify: Connection timed out (edg_wll_NotifReceive: poll() timed out) glite-lb-notify change returned OK **done**
 ./lb-test-notif-switch.sh: line 185: kill: (24134) - No such process Logging events resulting in DONE state for both jobs notification is valid until: '2011-05-04 14:55:54 UTC' (1304520954) glite-lb-notify: Connection timed out (edg_wll_NotifReceive: poll() timed out) ./lb-test-notif-switch.sh: line 197: kill: (24302) - No such process Notifications for the old job were not delivered **done**
 Notifications for the new job were delivered **done**
 Dropping the test notification (https://delwin.fi.muni.cz:9000/NOTIF:W1AY8K_73fsQKdpRixSfvQ) **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:56:08 delwin.fi.muni.cz lb-test-notif-switch.sh: end**
May 04 15:56:08 delwin.fi.muni.cz lb-test-notif-stream.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Srv. version 2.1 >= 2.2? no Capability not detected. This test will be **skipped**
May 04 15:56:08 delwin.fi.muni.cz lb-test-notif-stream.sh: end
May 04 15:56:08 delwin.fi.muni.cz lb-test-proxy-delivery.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job **done**
 Registered job: <https://delwin.fi.muni.cz:9000/SjoSjkHMZAIOPwUN5QnGPA> Is the testing job (<https://delwin.fi.muni.cz:9000/SjoSjkHMZAIOPwUN5QnGPA>) in a correct state? Submitted **done**
 Logging events resulting in READY state... Sleeping for 10 seconds... Is the testing job (<https://delwin.fi.muni.cz:9000/SjoSjkHMZAIOPwUN5QnGPA>) in a correct state? Ready **done**
 Logging events for the testing job... Sleeping for 10 seconds... Testing job (<https://delwin.fi.muni.cz:9000/SjoSjkHMZAIOPwUN5QnGPA>) is in state: Done **done**
 Registering collection **done**
 Collection ID: <https://delwin.fi.muni.cz:9000/3GTTrobYRGk9LwCxQIWd-A> Subjob 1:
<https://delwin.fi.muni.cz:9000/2ZnAymV8DVntIixOl8zhTg> Subjob 2:
https://delwin.fi.muni.cz:9000/WqmK7Q88PXMj_10PVar6_Q Checking if subjob registration worked... JDL present **done**
 Checking if subjob has stateEnterTime set and > 0... 1304517390.100613 (Wed May 4 15:56:30 CEST 2011) **done**
 Logging events for subjobs... Sleeping for 10 seconds (waiting for events to deliver)... Is the testing job (<https://delwin.fi.muni.cz:9000/2ZnAymV8DVntIixOl8zhTg>) in a correct state? Ready **done**
 Is the testing job (https://delwin.fi.muni.cz:9000/WqmK7Q88PXMj_10PVar6_Q) in a correct state? Done **done**
 Is the collection (<https://delwin.fi.muni.cz:9000/3GTTrobYRGk9LwCxQIWd-A>) in a correct state? Waiting **done**
 Logging events to clear subjobs... Sleeping for 10 seconds (waiting for events to deliver)... Is the collection (<https://delwin.fi.muni.cz:9000/3GTTrobYRGk9LwCxQIWd-A>) in a correct state? Cleared **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:56:52 delwin.fi.muni.cz lb-test-proxy-delivery.sh: end**
May 04 15:56:52 delwin.fi.muni.cz lb-test-ws.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job **done**
 WS interface to query: delwin.fi.muni.cz:9003 Has the job (<https://delwin.fi.muni.cz:9000/SGB7jDO6Qca2tGUZj0zpAQ>) been submitted? **done**
 Checking if doneCode unset for job not yet done... Srv. version 2.1 >= 2.2? no **skipped**

Is it possible to retrieve events? **done**
 Is it possible to retrieve AGU activity info? **done**
 Does AGU activity status return correct state? **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. Getting server version... 2.1.16 **done**
 Getting WS interface version... Srv. version 2.1 >= 2.2? no **skipped**
May 04 15:56:53 delwin.fi.muni.cz lb-test-ws.sh: end
May 04 15:56:53 delwin.fi.muni.cz lb-test-bdii.sh: start
 Testing if all essential binaries are available **done**
 Testing optional WS client binary **done**
 Testing credentials **done**
 Checking if BDII operational... **done**
 Checking Glue 1 root entry... **done**
 Checking ServiceStatus... OK **done**
 Checking Glue 2.0 entry with 'o=glue'... **done**
 Checking GLUE2 HealthStatus... ok **done**
 Checking GlueServiceVersion... 2.1.16 **done**
 Reading version through WS... 2.1.16 **done**
 Comparing versions: '2.1.16' == '2.1.16' **done**
May 04 15:56:53 delwin.fi.muni.cz lb-test-bdii.sh: end
May 04 15:56:53 delwin.fi.muni.cz lb-test-sandbox-transfer.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job **done**
 Is the testing job (https://delwin.fi.muni.cz:9000/tbxbkSq2TS_Y-mAeP1OIEw) in a correct state?
 Submitted **done**
 Registering input SandBox... https://delwin.fi.muni.cz:9000/FT:FvZ-T7oW1GrbceJoUfCx3g **done**
 Registering output SandBox... https://delwin.fi.muni.cz:9000/FT:TfOR29gxWO6PhY1ie6nsyg **done**
 Input SB transfer starting... **done**
 Checking state... Running **done**
 Input SB transfer finishing... **done**
 Checking state... Done **done**
 Output SB transfer starting... **done**
 Checking state... Running **done**
 Output SB transfer failing... **done**
 Checking Done Code... DONE_CODE_FAILED **done**
 Check ISB transfer JobID for computing job...
 https://delwin.fi.muni.cz:9000/FT:FvZ-T7oW1GrbceJoUfCx3g **done**
 Check OSB transfer JobID for computing job...
 https://delwin.fi.muni.cz:9000/FT:TfOR29gxWO6PhY1ie6nsyg **done**
 Check computing Job ID for ISB... https://delwin.fi.muni.cz:9000/tbxbkSq2TS_Y-mAeP1OIEw **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. Srv. version 2.1 >= 2.2?
 no SB collection capability not detected... **skipped**
May 04 15:57:35 delwin.fi.muni.cz lb-test-sandbox-transfer.sh: end
May 04 15:57:36 delwin.fi.muni.cz lb-test-changeacl.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Srv. version 2.1 >= 2.2? no **done**
 Testing Tags permissions... Capability not detected... **skipped**
 Registering testing job https://delwin.fi.muni.cz:9000/r5vN6f151tCuR7UO0HbLGg **done**
 Changing ACL... **done**
 Checking ACL for new values... **done**
 Removing ACL entries... **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:57:36**

delwin.fi.muni.cz lb-test-changeacl.sh: end

May 04 15:57:36 delwin.fi.muni.cz lb-test-statistics.sh: start

Testing if all binaries are available done

Testing credentials done

Test jobs registered. done

Sleeping for 10 seconds... Sending events for all test jobs, Submitted => Running done

Sleeping for 10 seconds... Sending events for all test jobs, Running => Done done

Sleeping for 10 seconds... Getting job rate (should be around .0166666, testing if > 0): 0.083333 done

Getting average 'Submitted' -> 'Running' transfer time (should be a number > 10): 21.325274 done

Getting the dispersion index (should be a number >= 0): 5.296662 done

Getting average 'Submitted' -> 'Done/OK' transfer time (should be a number > 20): 40.800003 done

Comparing. 'Submitted' -> 'Running' should take longer than 'Submitted' -> 'Done/OK': OK done

Long term: Getting average 'Submitted' -> 'Running' transfer times (should be numbers >= 0): 0. destination CE/queue: 13.692307 30.548826 done

1. CE20110504152421721: 21.900000 5.896330 done

2. CE20110504154420893: 23.299999 6.464438 done

3. CE20110504155725127: 21.325274 5.296662 done

Long term: Getting average 'Running' rates (should be numbers >= 0): 0. destination CE/queue: 0.007696 done

1. CE20110504145617558: 0.011111 done

2. CE20110504152421721: 0.000000 done

3. CE20110504154420893: 0.000000 done

4. CE20110504155725127: 0.000000 done

Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 04 15:58:30**

delwin.fi.muni.cz lb-test-statistics.sh: end

May 04 15:58:30 delwin.fi.muni.cz lb-test-threaded.sh: start

Testing if all binaries are available done

Testing credentials done

Registering testing jobs 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 done

Asking for states of all 30 jobs... done

Checking if states were returned for all jobs... 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 done

May 04 15:58:34 delwin.fi.muni.cz lb-test-threaded.sh: end

**** Hey, purging the whole database...**

The jobs were not dumped. The following jobs were purged:

<https://delwin.fi.muni.cz:9000/-zZqvSg-x2lhagMMjYFVpw>
<https://delwin.fi.muni.cz:9000/2BXln3V6DSMdMolh8GyjyA>
<https://delwin.fi.muni.cz:9000/2N4wCKAHU8xaJC1o3KbNGg>
<https://delwin.fi.muni.cz:9000/4PSsuwz9-MMbyKZd-ydSfg>
<https://delwin.fi.muni.cz:9000/5O1Fg1YY53WcWdce17lcHQ>
<https://delwin.fi.muni.cz:9000/7Y1sE8xxI6PLceI5AXD4xw>
<https://delwin.fi.muni.cz:9000/7b9uMXG8XqfUh0xZnj5dhg>
<https://delwin.fi.muni.cz:9000/BLDCS-8QDIDij8gjJoYmXw>
<https://delwin.fi.muni.cz:9000/Dw4UD-wJJUjxwHLEFQhwSg>
<https://delwin.fi.muni.cz:9000/EuNxrgDi0vPw39ycRYhUYg>
<https://delwin.fi.muni.cz:9000/FfJcjlTGyI-rg6rEblQDg>
<https://delwin.fi.muni.cz:9000/FoWtj5FcFCO6MAKxsb0bOQ>
<https://delwin.fi.muni.cz:9000/GK4sLbIKbjyisyN9bBPwwA>
<https://delwin.fi.muni.cz:9000/HLXtEzhLfI0CO0JDzXQADw>
<https://delwin.fi.muni.cz:9000/JMsiECbFpSK4sBRCVTOcrQ>
<https://delwin.fi.muni.cz:9000/Kj4oT3cfeD6rJXYFKBHhIw>
<https://delwin.fi.muni.cz:9000/Lbf51ONDxJr5B9DRF-Y-bg>

<https://delwin.fi.muni.cz:9000/P-WfDLM3sBDgqXL0PAp4xw>
<https://delwin.fi.muni.cz:9000/QwCimypYkMrpdKg0rak1vQ>
<https://delwin.fi.muni.cz:9000/TLoUcRymN-GOYxvujQoDcA>
<https://delwin.fi.muni.cz:9000/UrbpVi0IPI4ypmTCT-a-Cw>
https://delwin.fi.muni.cz:9000/Vcj_9Pq2bXFWqMsmhJeUoA
https://delwin.fi.muni.cz:9000/_3LaOnpvf48VE5O3aqxZ-A
https://delwin.fi.muni.cz:9000/c8xFqdZRIWcUBbFDIQ_3Uw
<https://delwin.fi.muni.cz:9000/cKUMBsO6BzZCR-OpOVkC7Q>
<https://delwin.fi.muni.cz:9000/crp26M9JBlbEMbsr14yDzw>
<https://delwin.fi.muni.cz:9000/fY6LVXLBlS0aRf1dYRABg>
<https://delwin.fi.muni.cz:9000/k9adA9SYFtSZ8Iz8y23v6w>
<https://delwin.fi.muni.cz:9000/kXzApSfTCisS5h4m8dw5iw>
<https://delwin.fi.muni.cz:9000/oCOiSwEvHsVzhUSxHqOzmg>
<https://delwin.fi.muni.cz:9000/qjbtCTvEjn-ZEiiSzk32QQ>
<https://delwin.fi.muni.cz:9000/ty1cnv3gCeeRVG59LS8Ecw> **done**

**** Logging test jobs**

**** So far so good**

done

**** sleeping 60 seconds...**

**** OK, another set of jobs**

done

**** draining other 6 seconds ...**

**** test jobs:**

aborted: <https://delwin.fi.muni.cz:9000/IKEkh2bru7YxwGKWz3FECg>
<https://delwin.fi.muni.cz:9000/NHrsexYZV9k9bDiB7FEN7tA> cleared:
<https://delwin.fi.muni.cz:9000/OKGTshSFwtCtjj3ZaQq4Nw>
<https://delwin.fi.muni.cz:9000/ON4n5ZcHuF9Y-J7qqSiC-Q> cancelled:
<https://delwin.fi.muni.cz:9000/P251VyK1ZGdGoz6SgQ99Wg>
https://delwin.fi.muni.cz:9000/NCR8RMX_NjJxLZXQAk-vug other:
<https://delwin.fi.muni.cz:9000/ZPX3oe9Pom9LJyTdsNA9A>
https://delwin.fi.muni.cz:9000/iY5NuwkmRY_xoDkgv0aFew

**** Dry run**

30s aborted <https://delwin.fi.muni.cz:9000/IKEkh2bru7YxwGKWz3FECg> **done**
 0s aborted <https://delwin.fi.muni.cz:9000/NHrsexYZV9k9bDiB7FEN7tA> **done**
 0s aborted <https://delwin.fi.muni.cz:9000/IKEkh2bru7YxwGKWz3FECg> **done**
 30s cleared <https://delwin.fi.muni.cz:9000/OKGTshSFwtCtjj3ZaQq4Nw> **done**
 0s cleared <https://delwin.fi.muni.cz:9000/OKGTshSFwtCtjj3ZaQq4Nw> **done**
 0s cleared <https://delwin.fi.muni.cz:9000/ON4n5ZcHuF9Y-J7qqSiC-Q> **done**
 30s cancelled <https://delwin.fi.muni.cz:9000/P251VyK1ZGdGoz6SgQ99Wg> **done**
 0s cancelled https://delwin.fi.muni.cz:9000/NCR8RMX_NjJxLZXQAk-vug **done**
 0s cancelled <https://delwin.fi.muni.cz:9000/P251VyK1ZGdGoz6SgQ99Wg> **done**
 30s other <https://delwin.fi.muni.cz:9000/ZPX3oe9Pom9LJyTdsNA9A> **done**
 0s other <https://delwin.fi.muni.cz:9000/ZPX3oe9Pom9LJyTdsNA9A> **done**
 0s other https://delwin.fi.muni.cz:9000/iY5NuwkmRY_xoDkgv0aFew **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**

https://delwin.fi.muni.cz:9000/ZPX3oe9Pom9LJyTdsNA9A Purged **done**
https://delwin.fi.muni.cz:9000/IKEkh2bru7YxwGKWz3FECg Purged **done**
https://delwin.fi.muni.cz:9000/P251VyK1ZGdGoz6SgQ99Wg Purged **done**
https://delwin.fi.muni.cz:9000/OKGTshSFwtCtjj3ZaQq4Nw Purged **done**
https://delwin.fi.muni.cz:9000/iY5NuwkmRY_xoDkgv0aFew Purged **done**
https://delwin.fi.muni.cz:9000/NHrsexYZVk9bDiB7FEN7tA Purged **done**
https://delwin.fi.muni.cz:9000/NCR8RMX_NjJxLZXQAk-vug Purged **done**
https://delwin.fi.muni.cz:9000/ON4n5ZcHuF9Y-J7qqSiC-Q Purged **done**

**** All tests passed ****

done

```
=====  
TESTS END HERE  
=====
```

In the Wild—Real-World Test

```
time ./lb-test-wild.sh -n 1 -w -f html delwin.fi.muni.cz:9000
```

May 04 16:12:07 ui1.egee.cesnet.cz lb-test-wild.sh: start

```
[wild] submit (done test): https://delwin.fi.muni.cz:9000/GFBXwJhYrielqOei1T0Wmw  
[wild] submit (fail test): https://delwin.fi.muni.cz:9000/hKPTWQwZzuBcFdFqkrexIw  
[wild] submit (collection to fail test): https://delwin.fi.muni.cz:9000/l4_TR5Xn66K9KvKEP4Pftg  
[wild] submit (collection to done test): https://delwin.fi.muni.cz:9000/fq6rcFYPL5HLIBUv6RbFjQ  
[wild] submit (done test): https://delwin.fi.muni.cz:9000/RiOgwXuSBatr85U8D0A-qQ  
[wild] submit (collection to done test): https://delwin.fi.muni.cz:9000/LpdYpRqYOpJpR2GRYIsQQA  
[wild] sleep before cancel...  
[wild] cancel https://delwin.fi.muni.cz:9000/RiOgwXuSBatr85U8D0A-qQ  
[wild] cancel https://delwin.fi.muni.cz:9000/LpdYpRqYOpJpR2GRYIsQQA  
[wild] submitted done  
[wild] =====  
[wild] 2011-05-04 16:12:52 https://delwin.fi.muni.cz:9000/GFBXwJhYrielqOei1T0Wmw Scheduled (done  
test)  
[wild] 2011-05-04 16:12:53 https://delwin.fi.muni.cz:9000/hKPTWQwZzuBcFdFqkrexIw Scheduled (fail  
test)  
[wild] 2011-05-04 16:12:55 https://delwin.fi.muni.cz:9000/l4_TR5Xn66K9KvKEP4Pftg Running (fail_coll  
test)  
[wild] 2011-05-04 16:12:57 https://delwin.fi.muni.cz:9000/fq6rcFYPL5HLIBUv6RbFjQ Waiting (done_coll  
test)  
[wild] 2011-05-04 16:12:58 https://delwin.fi.muni.cz:9000/RiOgwXuSBatr85U8D0A-qQ Cancelled (cancel  
test)  
[wild] 2011-05-04 16:12:59 https://delwin.fi.muni.cz:9000/LpdYpRqYOpJpR2GRYIsQQA Cleared  
(cancel_coll test)  
[wild] 2011-05-04 16:13:32 https://delwin.fi.muni.cz:9000/fq6rcFYPL5HLIBUv6RbFjQ Running (done_coll
```

```

test)
[wild] 2011-05-04 16:14:39 https://delwin.fi.muni.cz:9000/hKPTWQwZzuBcFdFqkrexIw Running (fail test)
[wild] 2011-05-04 16:15:12 https://delwin.fi.muni.cz:9000/GFBXwJhYrielqOei1T0Wmw Running (done
test)
[wild] 2011-05-04 16:16:53 https://delwin.fi.muni.cz:9000/GFBXwJhYrielqOei1T0Wmw Done (done test)
[wild] 2011-05-04 16:17:29 https://delwin.fi.muni.cz:9000/l4_TR5Xn66K9KVkEP4Pftg Aborted (fail_coll
test)
[wild] 2011-05-04 16:17:31 https://delwin.fi.muni.cz:9000/fq6rcFYPL5HLIBUv6RbFjQ Done (done_coll
test)
[wild] 2011-05-04 16:44:42 https://delwin.fi.muni.cz:9000/hKPTWQwZzuBcFdFqkrexIw Aborted (fail test)
[wild] all jobs finished  done
[wild] =====
[wild] https://delwin.fi.muni.cz:9000/GFBXwJhYrielqOei1T0Wmw: 'Done' OK (done)  done
[wild] components: JobController LogMonitor LRMS NetworkServer WorkloadManager OK  done
[wild] https://delwin.fi.muni.cz:9000/hKPTWQwZzuBcFdFqkrexIw: 'Aborted' OK (fail)  done
[wild] components: JobController LogMonitor LRMS NetworkServer WorkloadManager OK  done
[wild] https://delwin.fi.muni.cz:9000/l4_TR5Xn66K9KVkEP4Pftg: 'Aborted' OK (fail_coll)  done
[wild] components: LBServer NetworkServer WorkloadManager OK  done
[wild] https://delwin.fi.muni.cz:9000/fq6rcFYPL5HLIBUv6RbFjQ: 'Done' OK (done_coll)  done
[wild] components: LBServer NetworkServer WorkloadManager OK  done
[wild] https://delwin.fi.muni.cz:9000/RiOgwXuSBatr85U8D0A-qQ: 'Cancelled' OK (cancel)  done
[wild] components: JobController LogMonitor NetworkServer WorkloadManager OK  done
[wild] https://delwin.fi.muni.cz:9000/LpdYpRqYOpJpR2GRYlsQQA: expected 'Cancelled', got 'Cleared'
(cancel_coll), so be it!  done
[wild] components: LBServer NetworkServer WorkloadManager ?
[wild] =====
[wild] job output test
[wild] fetching output from https://delwin.fi.muni.cz:9000/GFBXwJhYrielqOei1T0Wmw
Warning - JobPurging not allowed (The Operation is not allowed: Unable to complete job purge) [wild]
output of 'https://delwin.fi.muni.cz:9000/GFBXwJhYrielqOei1T0Wmw' fetched  done
[wild] fetching output from https://delwin.fi.muni.cz:9000/fq6rcFYPL5HLIBUv6RbFjQ
Warning - JobPurging not allowed (The Operation is not allowed: Unable to complete job purge) [wild]
output of https://delwin.fi.muni.cz:9000/AXQ2UUSO3DF79e_qIyamOQ (1. offspring of
https://delwin.fi.muni.cz:9000/fq6rcFYPL5HLIBUv6RbFjQ) fetched  done
Warning - JobPurging not allowed (The Operation is not allowed: Unable to complete job purge) [wild]
output of https://delwin.fi.muni.cz:9000/JZxMU97CbGt-LORjE_tpZg (2. offspring of
https://delwin.fi.muni.cz:9000/fq6rcFYPL5HLIBUv6RbFjQ) fetched  done
[wild] outputs: jobOutput.16709/0/sustr_GFBXwJhYrielqOei1T0Wmw/std.err
jobOutput.16709/0/sustr_GFBXwJhYrielqOei1T0Wmw/std.out
jobOutput.16709/3-2/sustr_JZxMU97CbGt-LORjE_tpZg/std1.out
jobOutput.16709/3-2/sustr_JZxMU97CbGt-LORjE_tpZg/std1.err
[wild] waiting for cleared states...

```

Upgrade from production

Environment

Clean SL5 installation according to gLite guidelines (CA certificates, ...). Fully updated.

Process

On a clean, up-to-date system:

```
cd /etc/yum.repos.d/
```

Upgrade from production

CertificationReportForPatch4623 < EGEE < TWiki

```
wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.2/glite-LB.repo

yum -y install glite-LB

cd ~/
mkdir -m 700 yaim
cd yaim

cat << EOF > site-info.def
MYSQL_PASSWORD=[Edited]
SITE_NAME=delwin
SITE_EMAIL="[Edited]"
GLITE_LB_TYPE=both
GLITE_LB_SUPER_USERS="/DC=org/DC=terena/DC=tcs/C=CZ/O=CESNET/CN=Zdenek Sustr 4040"
EOF

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

cd /etc/yum.repos.d/

wget http://etics-repository.cern.ch/repository/pm/registered/repomd/id/dd41aca1-b38f-4f19-9c4e-f
yum -y upgrade

cd ~/yaim

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

Full output of the installation

```
[root@delwin ~]# cd /etc/yum.repos.d/
[root@delwin yum.repos.d]#
[root@delwin yum.repos.d]# wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.
--2011-05-06 12:24:32-- http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.2/glite
Resolving grid-deployment.web.cern.ch... 137.138.142.33, 137.138.139.19
Connecting to grid-deployment.web.cern.ch|137.138.142.33|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 764 [text/plain]
Saving to: `glite-LB.repo'

100%[=====
2011-05-06 12:24:32 (38.3 MB/s) - `glite-LB.repo' saved [764/764]

[root@delwin yum.repos.d]#
[root@delwin yum.repos.d]# yum -y install glite-LB
Loaded plugins: kernel-module
glite-LB
glite-LB/primary
glite-LB
glite-LB_ext
glite-LB_ext/primary
glite-LB_ext
glite-LB_updates
glite-LB_updates/primary
glite-LB_updates
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package glite-LB.x86_64 0:3.2.12-8.s15 set to be updated
--> Processing Dependency: bdii >= 5.0.9 for package: glite-LB
--> Processing Dependency: glite-info-templates >= 1.0.0 for package: glite-LB
--> Processing Dependency: glite-lb-harvester >= 1.0.10 for package: glite-LB
--> Processing Dependency: glite-version >= 3.2.3 for package: glite-LB
```

CertificationReportForPatch4623 < EGEE < TWiki

```
--> Processing Dependency: glite-lb-ws-test >= 1.1.5 for package: glite-LB
--> Processing Dependency: glue-schema >= 2.0.6 for package: glite-LB
--> Processing Dependency: glite-lb-server >= 2.1.14 for package: glite-LB
--> Processing Dependency: glite-info-provider-release >= 1.0.1 for package: glite-LB
--> Processing Dependency: glite-lb-yaim >= 4.2.14 for package: glite-LB
--> Processing Dependency: fetch-crl >= 2.7.0 for package: glite-LB
--> Processing Dependency: glite-lb-logger >= 2.1.12 for package: glite-LB
--> Processing Dependency: glite-info-provider-service >= 1.4.3 for package: glite-LB
--> Processing Dependency: bouncycastle-glite >= 1.42 for package: glite-LB
--> Processing Dependency: org.glite.lb.client-java >= 1.0.5 for package: glite-LB
--> Processing Dependency: gpt >= 3.2_4.0.8p1_x86_64_rhap_5 for package: glite-LB
--> Processing Dependency: glite-lb-utils >= 2.0.8 for package: glite-LB
--> Processing Dependency: glite-lb-doc >= 1.1.11 for package: glite-LB
--> Running transaction check
---> Package bdii.noarch 0:5.0.9-1 set to be updated
--> Processing Dependency: expect for package: bdii
--> Processing Dependency: openldap-servers for package: bdii
--> Processing Dependency: openldap-clients for package: bdii
---> Package bouncycastle-glite.noarch 0:1.42-3.jdk5 set to be updated
---> Package fetch-crl.noarch 0:2.7.0-2 set to be updated
---> Package glite-info-provider-release.noarch 0:1.0.1-1 set to be updated
--> Processing Dependency: perl(Net::LDAP) for package: glite-info-provider-release
---> Package glite-info-provider-service.noarch 0:1.4.3-0 set to be updated
---> Package glite-info-templates.noarch 0:1.0.0-12 set to be updated
---> Package glite-lb-doc.x86_64 0:1.1.11-2.sl5 set to be updated
---> Package glite-lb-harvester.x86_64 0:1.0.10-4.sl5 set to be updated
--> Processing Dependency: glite-lb-client >= 4.1.7 for package: glite-lb-harvester
--> Processing Dependency: glite-lbjp-common-trio >= 2.0.3 for package: glite-lb-harvester
--> Processing Dependency: glite-lbjp-common-db >= 2.0.5 for package: glite-lb-harvester
--> Processing Dependency: org.glite.lbjp-common.log >= 1.0.5 for package: glite-lb-harvester
--> Processing Dependency: glite-lb-common >= 7.1.8 for package: glite-lb-harvester
--> Processing Dependency: glite-jobid-api-c >= 1.0.6 for package: glite-lb-harvester
--> Processing Dependency: glite-lbjp-common-gss >= 2.1.5 for package: glite-lb-harvester
--> Processing Dependency: libglobus_openssl_error_gcc64dbgpthr.so.0()(64bit) for package: glite-
--> Processing Dependency: libglite_lbu_log.so.1()(64bit) for package: glite-lb-harvester
--> Processing Dependency: liblog4c.so.3()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_gsi_callback_gcc64dbgpthr.so.0()(64bit) for package: glite-l
--> Processing Dependency: libglobus_gsi_cert_utils_gcc64dbgpthr.so.0()(64bit) for package: glite
--> Processing Dependency: libglobus_openssl_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-har
--> Processing Dependency: libglobus_gsi_sysconfig_gcc64dbgpthr.so.0()(64bit) for package: glite-
--> Processing Dependency: libglite_lbu_db.so.2()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglobus_gsi_credential_gcc64dbgpthr.so.0()(64bit) for package: glite
--> Processing Dependency: libglobus_gssapi_gsi_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-
--> Processing Dependency: libglobus_common_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harv
--> Processing Dependency: libglobus_gsi_proxy_core_gcc64dbgpthr.so.0()(64bit) for package: glite
--> Processing Dependency: libglite_lbu_client_gcc64dbgpthr.so.4()(64bit) for package: glite-lb-ha
--> Processing Dependency: libglite_security_gss_gcc64dbgpthr.so.1()(64bit) for package: glite-lb
--> Processing Dependency: libglobus_proxy_ssl_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-h
--> Processing Dependency: libglobus_oldgaa_gcc64dbgpthr.so.0()(64bit) for package: glite-lb-harv
--> Processing Dependency: libglite_jobid.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglite_lbu_common_gcc64dbgpthr.so.9()(64bit) for package: glite-lb-ha
--> Processing Dependency: libcares.so.2()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libclassad.so.0()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libglite_lbu_trio.so.2()(64bit) for package: glite-lb-harvester
--> Processing Dependency: libltdl_gcc64dbgpthr.so.3()(64bit) for package: glite-lb-harvester
---> Package glite-lb-logger.x86_64 0:2.1.12-2.sl5 set to be updated
---> Package glite-lb-server.x86_64 0:2.1.14-2.sl5 set to be updated
--> Processing Dependency: gridsite-shared >= 1.7.9 for package: glite-lb-server
--> Processing Dependency: glite-security-voms-api-cpp >= 1.9.19 for package: glite-lb-server
--> Processing Dependency: glite-lb-ws-interface >= 3.1.2 for package: glite-lb-server
--> Processing Dependency: glite-lbjp-common-gsoap-plugin >= 2.1.3 for package: glite-lb-server
--> Processing Dependency: glite-security-lcas >= 1.3.11 for package: glite-lb-server
--> Processing Dependency: mysql >= 5.0.45 for package: glite-lb-server
--> Processing Dependency: glite-lbjp-common-maildir >= 2.0.2 for package: glite-lb-server
--> Processing Dependency: glite-lbjp-common-server-bones >= 2.0.3 for package: glite-lb-server
--> Processing Dependency: mysql-server >= 5.0.45 for package: glite-lb-server
--> Processing Dependency: glite-lb-state-machine >= 1.1.4 for package: glite-lb-server
```


CertificationReportForPatch4623 < EGEE < TWiki

```
--> Processing Dependency: libglite_security_gsoap_plugin_276b_gcc64dbg_c.so.1() (64bit) for packa
--> Processing Dependency: liblcas.so.0() (64bit) for package: glite-lb-server
--> Processing Dependency: libglite_lbu_server_bones.so.2() (64bit) for package: glite-lb-server
--> Processing Dependency: libglite_lbu_maildir.so.2() (64bit) for package: glite-lb-server
--> Processing Dependency: libvomsapi_gcc64dbg.so.0() (64bit) for package: glite-lb-server
--> Processing Dependency: libgridsite_globus.so.1.5() (64bit) for package: glite-lb-server
---> Package glite-lb-utils.x86_64 0:2.0.8-3.s15 set to be updated
--> Processing Dependency: glite-lbjp-common-jp-interface >= 2.0.3 for package: glite-lb-utils
--> Processing Dependency: libglite_jp_common_gcc64dbg.so.2() (64bit) for package: glite-lb-utils
---> Package glite-lb-ws-test.x86_64 0:1.1.5-4.s15 set to be updated
---> Package glite-lb-yaim.x86_64 0:4.2.14-3.s15 set to be updated
--> Processing Dependency: glite-yaim-core >= 4.0.14 for package: glite-lb-yaim
---> Package glite-version.noarch 0:3.2.3-1 set to be updated
---> Package glue-schema.noarch 0:2.0.6-1 set to be updated
---> Package gpt.x86_64 0:3.2.4.0.8p1_x86_64_rhap_5-1 set to be updated
---> Package org.glite.lb.client-java.x86_64 0:1.0.5-5.s15 set to be updated
--> Processing Dependency: glite-security-trustmanager >= 2.5.5 for package: org.glite.lb.client-
--> Processing Dependency: glite-security-util-java >= 2.9.2 for package: org.glite.lb.client-jav
--> Processing Dependency: jakarta-commons-lang >= 2.1 for package: org.glite.lb.client-java
--> Processing Dependency: glite-jobid-api-java >= 1.0.3 for package: org.glite.lb.client-java
--> Running transaction check
---> Package c-ares.x86_64 0:1.6.0-1.e15 set to be updated
---> Package classads.x86_64 0:1.0-2.s15 set to be updated
---> Package expect.x86_64 0:5.43.0-5.1 set to be updated
---> Package glite-jobid-api-c.x86_64 0:1.0.6-1.s15 set to be updated
---> Package glite-jobid-api-java.x86_64 0:1.0.3-2.s15 set to be updated
--> Processing Dependency: jakarta-commons-codec >= 1.3 for package: glite-jobid-api-java
---> Package glite-lb-client.x86_64 0:4.1.7-2.s15 set to be updated
---> Package glite-lb-common.x86_64 0:7.1.8-2.s15 set to be updated
---> Package glite-lb-state-machine.x86_64 0:1.1.4-4.s15 set to be updated
---> Package glite-lb-ws-interface.x86_64 0:3.1.2-6.s15 set to be updated
---> Package glite-lbjp-common-db.x86_64 0:2.0.5-2.s15 set to be updated
---> Package glite-lbjp-common-gsoap-plugin.x86_64 0:2.1.3-2.s15 set to be updated
---> Package glite-lbjp-common-gss.x86_64 0:2.1.5-2.s15 set to be updated
---> Package glite-lbjp-common-jp-interface.x86_64 0:2.0.3-3.s15 set to be updated
---> Package glite-lbjp-common-maildir.x86_64 0:2.0.2-3.s15 set to be updated
---> Package glite-lbjp-common-server-bones.x86_64 0:2.0.3-2.s15 set to be updated
---> Package glite-lbjp-common-trio.x86_64 0:2.0.3-3.s15 set to be updated
---> Package glite-security-lcas.x86_64 0:1.3.11-3.1.s15 set to be updated
---> Package glite-security-trustmanager.noarch 0:2.5.5-1 set to be updated
--> Processing Dependency: log4j >= 1.2.13 for package: glite-security-trustmanager
---> Package glite-security-util-java.noarch 0:2.9.2-1.GL32 set to be updated
---> Package glite-security-voms-api-cpp.x86_64 0:1.9.19-2.s15 set to be updated
---> Package glite-yaim-core.noarch 0:4.0.14-1 set to be updated
---> Package gridsite-shared.x86_64 0:1.7.9-3.s15 set to be updated
---> Package jakarta-commons-lang.x86_64 0:2.1-5jpp.1 set to be updated
---> Package log4c.x86_64 0:1.2.1-2.s15 set to be updated
---> Package mysql.x86_64 0:5.0.77-4.e15_5.4 set to be updated
--> Processing Dependency: perl(DBI) for package: mysql
---> Package mysql-server.x86_64 0:5.0.77-4.e15_5.4 set to be updated
--> Processing Dependency: perl-DBD-MySQL for package: mysql-server
---> Package openldap-clients.x86_64 0:2.3.43-12.e15_6.7 set to be updated
---> Package openldap-servers.x86_64 0:2.3.43-12.e15_6.7 set to be updated
glite-LB/filelists
glite-LB_ext/filelists
glite-LB_updates/filelists
sl-security/filelists_db
--> Processing Dependency: libltdl.so.3() (64bit) for package: openldap-servers
---> Package org.glite.lbjp-common.log.x86_64 0:1.0.5-2.s15 set to be updated
---> Package perl-LDAP.noarch 1:0.33-3.fc6 set to be updated
--> Processing Dependency: perl(HTTP::Status) for package: perl-LDAP
--> Processing Dependency: perl(HTTP::Negotiate) for package: perl-LDAP
--> Processing Dependency: perl(Convert::ASN1) for package: perl-LDAP
--> Processing Dependency: perl(LWP::MediaTypes) for package: perl-LDAP
--> Processing Dependency: perl(HTTP::Response) for package: perl-LDAP
--> Processing Dependency: perl(LWP::Protocol) for package: perl-LDAP
--> Processing Dependency: perl(XML::SAX::Base) for package: perl-LDAP
```

CertificationReportForPatch4623 < EGEE < TWiki

```

--> Processing Dependency: perl(IO::Socket::SSL) for package: perl-LDAP
---> Package vdt_globus_essentials.x86_64 0:VDT1.10.1x86_64_rhap_5-4 set to be updated
--> Running transaction check
---> Package jakarta-commons-codec.x86_64 0:1.3-7jpp.2 set to be updated
---> Package libtool-ltdl.x86_64 0:1.5.22-7.el5_4 set to be updated
---> Package log4j.x86_64 0:1.2.13-3jpp.2 set to be updated
--> Processing Dependency: xml-commons-apis for package: log4j
---> Package perl-Convert-ASN1.noarch 0:0.20-1.1 set to be updated
---> Package perl-DBD-MySQL.x86_64 0:3.0007-2.el5 set to be updated
---> Package perl-DBI.x86_64 0:1.52-2.el5 set to be updated
---> Package perl-IO-Socket-SSL.noarch 0:1.01-1.fc6 set to be updated
--> Processing Dependency: perl(Net::SSLeay) >= 1.21 for package: perl-IO-Socket-SSL
---> Package perl-XML-SAX.noarch 0:0.14-8 set to be updated
--> Processing Dependency: perl(XML::NamespaceSupport) for package: perl-XML-SAX
---> Package perl-libwww-perl.noarch 0:5.805-1.1.1 set to be updated
--> Processing Dependency: perl-HTML-Parser >= 3.33 for package: perl-libwww-perl
--> Processing Dependency: perl(HTML::Entities) for package: perl-libwww-perl
--> Processing Dependency: perl(Compress::Zlib) for package: perl-libwww-perl
--> Running transaction check
---> Package jdk.x86_64 2000:1.6.0_24-fcs set to be updated
---> Package perl-Compress-Zlib.x86_64 0:1.42-1.fc6 set to be updated
---> Package perl-HTML-Parser.x86_64 0:3.55-1.fc6 set to be updated
--> Processing Dependency: perl-HTML-Tagset >= 3.03 for package: perl-HTML-Parser
--> Processing Dependency: perl(HTML::Tagset) for package: perl-HTML-Parser
---> Package perl-Net-SSLeay.x86_64 0:1.30-4.fc6 set to be updated
---> Package perl-XML-NamespaceSupport.noarch 0:1.09-1.2.1 set to be updated
--> Running transaction check
---> Package perl-HTML-Tagset.noarch 0:3.10-2.1.1 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

Dependencies Resolved

```

=====
Package                                                    Arch
=====
Installing:
glite-LB                                                    x86_64
Installing for dependencies:
bdii                                                         noarch
bouncycastle-glite                                         noarch
c-ares                                                       x86_64
classads                                                     x86_64
expect                                                       x86_64
fetch-crl                                                    noarch
glite-info-provider-release                                noarch
glite-info-provider-service                                noarch
glite-info-templates                                        noarch
glite-jobid-api-c                                           x86_64
glite-jobid-api-java                                        x86_64
glite-lb-client                                              x86_64
glite-lb-common                                              x86_64
glite-lb-doc                                                 x86_64
glite-lb-harvester                                          x86_64
glite-lb-logger                                              x86_64
glite-lb-server                                              x86_64
glite-lb-state-machine                                       x86_64
glite-lb-utils                                               x86_64
glite-lb-ws-interface                                       x86_64
glite-lb-ws-test                                             x86_64
glite-lb-yaim                                                x86_64
glite-lbjp-common-db                                         x86_64
glite-lbjp-common-gsoap-plugin                             x86_64
glite-lbjp-common-gss                                        x86_64
glite-lbjp-common-jp-interface                             x86_64
glite-lbjp-common-maildir                                    x86_64

```

CertificationReportForPatch4623 < EGEE < TWiki

glite-lbjp-common-server-bones	x86_64
glite-lbjp-common-trio	x86_64
glite-security-lcas	x86_64
glite-security-trustmanager	noarch
glite-security-util-java	noarch
glite-security-voms-api-cpp	x86_64
glite-version	noarch
glite-yaim-core	noarch
glue-schema	noarch
gpt	x86_64
gridsite-shared	x86_64
jakarta-commons-codec	x86_64
jakarta-commons-lang	x86_64
jdk	x86_64
libtool-ltdl	x86_64
log4c	x86_64
log4j	x86_64
mysql	x86_64
mysql-server	x86_64
openldap-clients	x86_64
openldap-servers	x86_64
org.glite.lb.client-java	x86_64
org.glite.lbjp-common.log	x86_64
perl-Compress-Zlib	x86_64
perl-Convert-ASN1	noarch
perl-DBD-MySQL	x86_64
perl-DBI	x86_64
perl-HTML-Parser	x86_64
perl-HTML-Tagset	noarch
perl-IO-Socket-SSL	noarch
perl-LDAP	noarch
perl-Net-SSLeay	x86_64
perl-XML-NamespaceSupport	noarch
perl-XML-SAX	noarch
perl-libwww-perl	noarch
vdt_globus_essentials	x86_64

Transaction Summary

```
=====
Install      64 Package(s)
Upgrade      0 Package(s)
```

Total download size: 129 M

Downloading Packages:

```
(1/64): glite-info-provider-release-1.0.1-1.noarch.rpm
(2/64): glite-LB-3.2.12-8.s15.x86_64.rpm
(3/64): glite-version-3.2.3-1.noarch.rpm
(4/64): glite-jobid-api-java-1.0.3-2.s15.x86_64.rpm
(5/64): glite-info-templates-1.0.0-12.noarch.rpm
(6/64): glite-lb-yaim-4.2.14-3.s15.x86_64.rpm
(7/64): glite-lbjp-common-maildir-2.0.2-3.s15.x86_64.rpm
(8/64): perl-HTML-Tagset-3.10-2.1.1.noarch.rpm
(9/64): perl-XML-NamespaceSupport-1.09-1.2.1.noarch.rpm
(10/64): org.glite.lbjp-common.log-1.0.5-2.s15.x86_64.rpm
(11/64): bdii-5.0.9-1.noarch.rpm
(12/64): glite-lb-ws-interface-3.1.2-6.s15.x86_64.rpm
(13/64): glite-jobid-api-c-1.0.6-1.s15.x86_64.rpm
(14/64): fetch-crl-2.7.0-2.noarch.rpm
(15/64): glite-lbjp-common-server-bones-2.0.3-2.s15.x86_64.rpm
(16/64): glue-schema-2.0.6-1.noarch.rpm
(17/64): libtool-ltdl-1.5.22-7.e15_4.x86_64.rpm
(18/64): glite-lbjp-common-jp-interface-2.0.3-3.s15.x86_64.rpm
(19/64): perl-Convert-ASN1-0.20-1.1.noarch.rpm
(20/64): c-ares-1.6.0-1.s15.x86_64.rpm
(21/64): glite-info-provider-service-1.4.3-0.noarch.rpm
(22/64): perl-IO-Socket-SSL-1.01-1.fc6.noarch.rpm
(23/64): perl-Compress-Zlib-1.42-1.fc6.x86_64.rpm
```

Full output of the installation

CertificationReportForPatch4623 < EGEE < TWiki

```
(24/64): glite-lb-utils-2.0.8-3.s15.x86_64.rpm
(25/64): glite-lbjp-common-db-2.0.5-2.s15.x86_64.rpm
(26/64): glite-lbjp-common-trio-2.0.3-3.s15.x86_64.rpm
(27/64): glite-lbjp-common-gss-2.1.5-2.s15.x86_64.rpm
(28/64): glite-lb-harvester-1.0.10-4.s15.x86_64.rpm
(29/64): perl-XML-SAX-0.14-8.noarch.rpm
(30/64): glite-lb-logger-2.1.12-2.s15.x86_64.rpm
(31/64): glite-security-lcas-1.3.11-3.1.s15.x86_64.rpm
(32/64): perl-HTML-Parser-3.55-1.fc6.x86_64.rpm
(33/64): jakarta-commons-codec-1.3-7jpp.2.x86_64.rpm
(34/64): glite-yaim-core-4.0.14-1.noarch.rpm
(35/64): gridsite-shared-1.7.9-3.s15.x86_64.rpm
(36/64): perl-DBD-MySQL-3.0007-2.el5.x86_64.rpm
(37/64): glite-lb-state-machine-1.1.4-4.s15.x86_64.rpm
(38/64): expect-5.43.0-5.1.x86_64.rpm
(39/64): log4c-1.2.1-2.s15.x86_64.rpm
(40/64): perl-Net-SSLeay-1.30-4.fc6.x86_64.rpm
(41/64): openldap-clients-2.3.43-12.el5_6.7.x86_64.rpm
(42/64): perl-LDAP-0.33-3.fc6.noarch.rpm
(43/64): glite-security-util-java-2.9.2-1.GL32.noarch.rpm
(44/64): perl-libwww-perl-5.805-1.1.1.noarch.rpm
(45/64): jakarta-commons-lang-2.1-5jpp.1.x86_64.rpm
(46/64): org.glite.lb.client-java-1.0.5-5.s15.x86_64.rpm
(47/64): perl-DBI-1.52-2.el5.x86_64.rpm
(48/64): log4j-1.2.13-3jpp.2.x86_64.rpm
(49/64): glite-lb-common-7.1.8-2.s15.x86_64.rpm
(50/64): glite-lb-server-2.1.14-2.s15.x86_64.rpm
(51/64): glite-lb-ws-test-1.1.5-4.s15.x86_64.rpm
(52/64): gpt-3.2_4.0.8p1_x86_64_rhap_5-1.x86_64.rpm
(53/64): bouncycastle-glite-1.42-3.jdk5.noarch.rpm
(54/64): glite-lb-client-4.1.7-2.s15.x86_64.rpm
(55/64): openldap-servers-2.3.43-12.el5_6.7.x86_64.rpm
(56/64): glite-lbjp-common-gsoap-plugin-2.1.3-2.s15.x86_64.rpm
(57/64): classads-1.0-2.s15.x86_64.rpm
(58/64): glite-lb-doc-1.1.11-2.s15.x86_64.rpm
(59/64): glite-security-voms-api-cpp-1.9.19-2.s15.x86_64.rpm
(60/64): mysql-5.0.77-4.el5_5.4.x86_64.rpm
(61/64): glite-security-trustmanager-2.5.5-1.noarch.rpm
(62/64): mysql-server-5.0.77-4.el5_5.4.x86_64.rpm
(63/64): vdt_globus_essentials-VDT1.10.1x86_64_rhap_5-4.x86_64.rpm
(64/64): jdk-1.6.0_24-fcs.x86_64.rpm
```

Total

Running rpm_check_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing      : glite-lbjp-common-trio
Installing      : c-ares
Installing      : glite-jobid-api-c
Installing      : classads
Installing      : log4c
Installing      : org.glite.lbjp-common.log
Installing      : glite-lbjp-common-db
Installing      : perl-DBI
Installing      : mysql
Installing      : glite-lbjp-common-jp-interface
Installing      : glite-lbjp-common-maildir
Installing      : perl-DBD-MySQL
Installing      : mysql-server
Installing      : glite-lbjp-common-server-bones
Installing      : expect
Installing      : openldap-clients
Installing      : perl-Net-SSLeay
Installing      : jakarta-commons-codec
Installing      : libtool-ltdl
```

CertificationReportForPatch4623 < EGEE < TWiki

```
Installing      : openldap-servers
Installing      : gridsite-shared
Installing      : jakarta-commons-lang
Installing      : perl-Compress-Zlib
Installing      : glite-security-voms-api-cpp
Installing      : glite-lb-ws-interface
Installing      : gpt
sed: can't read sbin/CVS: No such file or directory
sed: can't read Entries: No such file or directory
sed: can't read Repository: No such file or directory
sed: can't read Root: No such file or directory
sed: can't read Tag: No such file or directory
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 x86_64-unknown-linux-gnu
Installing      : vdt_globus_essentials
Installing      : glite-lbjp-common-gss
Installing      : glite-lb-common
Installing      : glite-lb-state-machine
Installing      : glite-lb-client
Installing      : glite-lbjp-common-gsoap-plugin
Installing      : glite-security-util-java
Installing      : glite-version
Installing      : glue-schema
Installing      : bouncycastle-glite
Installing      : glite-lb-ws-test
Installing      : glite-lb-utils
Installing      : glite-lb-harvester
Installing      : glite-lb-logger
Installing      : glite-security-lcas
Installing      : glite-lb-server
Installing      : bdi
Installing      : glite-jobid-api-java
Installing      : perl-IO-Socket-SSL
Installing      : glite-info-templates
Installing      : glite-yaim-core
Installing      : glite-lb-yaim
Installing      : glite-info-provider-service
Installing      : perl-HTML-Tagset
Installing      : perl-HTML-Parser
Installing      : perl-libwww-perl
Installing      : glite-lb-doc
Installing      : fetch-curl
Installing      : perl-Convert-ASN1
Installing      : perl-XML-NamespaceSupport
Installing      : perl-XML-SAX
Installing      : perl-LDAP
Installing      : glite-info-provider-release
Installing      : jdk
Unpacking JAR files...
  rt.jar...
  jsse.jar...
  charsets.jar...
  tools.jar...
  localedata.jar...
```

CertificationReportForPatch4623 < EGEE < TWiki

```

plugin.jar...
javaws.jar...
deploy.jar...
Installing      : log4j
Installing      : glite-security-trustmanager
Installing      : org.glite.lb.client-java
Installing      : glite-LB
  
```

```

Installed:
  glite-LB.x86_64 0:3.2.12-8.s15
  
```

Dependency Installed:

```

bdii.noarch 0:5.0.9-1
expect.x86_64 0:5.43.0-5.1
glite-info-templates.noarch 0:1.0.0-12
glite-lb-common.x86_64 0:7.1.8-2.s15
glite-lb-server.x86_64 0:2.1.14-2.s15
glite-lb-ws-test.x86_64 0:1.1.5-4.s15
glite-lbjp-common-gss.x86_64 0:2.1.5-2.s15
glite-lbjp-common-trio.x86_64 0:2.0.3-3.s15
glite-security-voms-api-cpp.x86_64 0:1.9.19-2.s15
gpt.x86_64 0:3.2_4.0.8p1_x86_64_rhap_5-1
jdk.x86_64 2000:1.6.0_24-fcs
mysql.x86_64 0:5.0.77-4.el5_5.4
org.glite.lb.client-java.x86_64 0:1.0.5-5.s15
perl-DBD-MySQL.x86_64 0:3.0007-2.el5
perl-IO-Socket-SSL.noarch 0:1.01-1.fc6
perl-XML-SAX.noarch 0:0.14-8
bouncycastle-glite.noarch 0:1.42-3.jdk5
fetch-curl.noarch 0:2.7.0-2
glite-jobid-api-c.x86_64 0:1.0.6-1.s15
glite-lb-doc.x86_64 0:1.1.11-2.s15
glite-lb-state-machine.x86_64 0:1.1.4-4.s15
glite-lb-yaim.x86_64 0:4.2.14-3.s15
glite-lbjp-common-jp-interface.x86_64 0:2.0.3
glite-security-lcas.x86_64 0:1.3.11-3.1.s15
glite-version.noarch 0:3.2.3-1
gridsite-shared.x86_64 0:1.7.9-3.s15
libtool-ltdl.x86_64 0:1.5.22-7.el5_4
mysql-server.x86_64 0:5.0.77-4.el5_5.4
org.glite.lbjp-common.log.x86_64 0:1.0.5-2.s15
perl-DBI.x86_64 0:1.52-2.el5
perl-LDAP.noarch 1:0.33-3.fc6
perl-libwww-perl.noarch 0:5.805-1.1.1
  
```

Complete!

```

[root@delwin yum.repos.d]#
[root@delwin yum.repos.d]# cd ~/
[root@delwin ~]# mkdir -m 700 yaim
[root@delwin ~]# cd yaim
[root@delwin yaim]#
[root@delwin yaim]# cat << EOF > site-info.def
> MYSQL_PASSWORD=[Edited]
> SITE_NAME=delwin
> SITE_EMAIL="[Edited]"
> GLITE_LB_TYPE=both
> GLITE_LB_SUPER_USERS="/DC=org/DC=terena/DC=tcs/C=CZ/O=CESNET/CN=Zdenek Sustar 4040"
> EOF
  
```

```

[root@delwin yaim]#
[root@delwin 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: May 6 12:29 ./site-info.def
yaim command: -c -s ./site-info.def -n glite-LB
log file: /opt/glite/yaim/bin/./log/yaimlog
Fri May 6 12:29:51 CEST 2011 : /opt/glite/yaim/bin/yaim
  
```

```

Installed YAIM versions:
glite-lb-yaim 4.2.14-3
glite-yaim-core 4.0.14-1
  
```

CertificationReportForPatch4623 < EGEE < TWiki

```
#####
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
sed: can't read /opt/glite/etc/gip/glite-info-generic.conf: No such file or directory
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
INFO: Configuring nodes [LB], using L&B mode: both
Initializing MySQL database: Installing MySQL system tables...
OK
Filling help tables...
OK

To start mysqld at boot time you have to copy
support-files/mysql.server to the right place for your system

PLEASE REMEMBER TO SET A PASSWORD FOR THE MySQL root USER !
To do so, start the server, then issue the following commands:
/usr/bin/mysqladmin -u root password 'new-password'
/usr/bin/mysqladmin -u root -h delwin.fi.muni.cz password 'new-password'

Alternatively you can run:
/usr/bin/mysql_secure_installation

which will also give you the option of removing the test
databases and anonymous user created by default. This is
strongly recommended for production servers.

See the manual for more instructions.

You can start the MySQL daemon with:
cd /usr ; /usr/bin/mysqld_safe &

You can test the MySQL daemon with mysql-test-run.pl
```

CertificationReportForPatch4623 < EGEE < TWiki

```
cd mysql-test ; perl mysql-test-run.pl
```

Please report any problems with the /usr/bin/mysqlbug script!

The latest information about MySQL is available on the web at

<http://www.mysql.com>

Support MySQL by buying support/licenses at <http://shop.mysql.com>

```
[ OK ]
Starting MySQL: [ OK ]
Warning: MySQL library version mismatch (compiled '50045', runtime '50077')
glite-lb-notif-interlogd not running
glite-lb-bkserverd not running
glite-jp-importer not running
glite-lb-interlogd not running
Starting glite-lb-bkserver ... done
Starting glite-lb-notif-interlogd ... done
Starting glite-lb-interlog for proxy ... 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 ... not running
Stopping glite-lb-interlogd ... not running
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: BDII Already stopped
Starting SLAPD: [ OK ]

Starting update process: [ OK ]

INFO: Configuration Complete. [ OK ]
INFO: YAIM terminated succesfully.
[root@delwin yaim]#
[root@delwin yaim]# cd /etc/yum.repos.d/
[root@delwin yum.repos.d]#
[root@delwin yum.repos.d]# wget http://etics-repository.cern.ch/repository/pm/registered/repomd/i
--2011-05-06 12:31:39-- http://etics-repository.cern.ch/repository/pm/registered/repomd/id/dd41a
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: 868
Saving to: `etics-registered-build-by-id-protect.repo'
```

```
100%[=====
```

```
2011-05-06 12:31:39 (37.6 MB/s) - `etics-registered-build-by-id-protect.repo' saved [868/868]
```

```
[root@delwin yum.repos.d]#
[root@delwin yum.repos.d]# yum -y upgrade
Loaded plugins: kernel-module
ETICS-registered-build-dd41acal-b38f-4f19-9c4e-fcebb4aa5ac0-sl5_x86_64_gcc412
ETICS-registered-build-dd41acal-b38f-4f19-9c4e-fcebb4aa5ac0-sl5_x86_64_gcc412/primary
ETICS-registered-build-dd41acal-b38f-4f19-9c4e-fcebb4aa5ac0-sl5_x86_64_gcc412
Setting up Upgrade Process
Resolving Dependencies
--> Running transaction check
---> Package glite-LB.x86_64 0:3.2.12-11.sl5 set to be updated
---> Package glite-lb-client.x86_64 0:4.1.9-1.sl5 set to be updated
---> Package glite-lb-common.x86_64 0:7.1.9-1.sl5 set to be updated
---> Package glite-lb-doc.x86_64 0:1.1.11-3.sl5 set to be updated
---> Package glite-lb-harvester.x86_64 0:1.0.11-1.sl5 set to be updated
---> Package glite-lb-logger.x86_64 0:2.1.14-1.sl5 set to be updated
---> Package glite-lb-server.x86_64 0:2.1.16-1.sl5 set to be updated
---> Package glite-lb-state-machine.x86_64 0:1.1.4-5.sl5 set to be updated
---> Package glite-lb-utils.x86_64 0:2.0.8-4.sl5 set to be updated
```


CertificationReportForPatch4623 < EGEE < TWiki

```

---> Package glite-lb-ws-interface.x86_64 0:3.1.2-7.s15 set to be updated
---> Package glite-lb-ws-test.x86_64 0:1.1.5-5.s15 set to be updated
---> Package glite-lb-yaim.x86_64 0:4.2.14-4.s15 set to be updated
---> Package glite-lbjp-common-db.x86_64 0:2.0.5-3.s15 set to be updated
---> Package glite-lbjp-common-gsoap-plugin.x86_64 0:2.1.3-3.s15 set to be updated
---> Package glite-lbjp-common-gss.x86_64 0:2.1.6-1.s15 set to be updated
---> Package glite-lbjp-common-jp-interface.x86_64 0:2.0.3-4.s15 set to be updated
---> Package glite-lbjp-common-maildir.x86_64 0:2.0.2-4.s15 set to be updated
---> Package glite-lbjp-common-server-bones.x86_64 0:2.0.3-3.s15 set to be updated
---> Package glite-lbjp-common-trio.x86_64 0:2.0.3-4.s15 set to be updated
---> Package glite-security-voms-api-cpp.x86_64 0:1.9.19-3.s15 set to be updated
---> Package log4j.noarch 0:1.2.14-1 set to be updated
---> Package org.glite.lb.client-java.x86_64 0:1.0.5-6.s15 set to be updated
---> Package org.glite.lbjp-common.log.x86_64 0:1.0.5-3.s15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

Dependencies Resolved

Package	Arch	Version
Updating:		
glite-LB	x86_64	3.2.12-11.s15
glite-lb-client	x86_64	4.1.9-1.s15
glite-lb-common	x86_64	7.1.9-1.s15
glite-lb-doc	x86_64	1.1.11-3.s15
glite-lb-harvester	x86_64	1.0.11-1.s15
glite-lb-logger	x86_64	2.1.14-1.s15
glite-lb-server	x86_64	2.1.16-1.s15
glite-lb-state-machine	x86_64	1.1.4-5.s15
glite-lb-utils	x86_64	2.0.8-4.s15
glite-lb-ws-interface	x86_64	3.1.2-7.s15
glite-lb-ws-test	x86_64	1.1.5-5.s15
glite-lb-yaim	x86_64	4.2.14-4.s15
glite-lbjp-common-db	x86_64	2.0.5-3.s15
glite-lbjp-common-gsoap-plugin	x86_64	2.1.3-3.s15
glite-lbjp-common-gss	x86_64	2.1.6-1.s15
glite-lbjp-common-jp-interface	x86_64	2.0.3-4.s15
glite-lbjp-common-maildir	x86_64	2.0.2-4.s15
glite-lbjp-common-server-bones	x86_64	2.0.3-3.s15
glite-lbjp-common-trio	x86_64	2.0.3-4.s15
glite-security-voms-api-cpp	x86_64	1.9.19-3.s15
log4j	noarch	1.2.14-1
org.glite.lb.client-java	x86_64	1.0.5-6.s15
org.glite.lbjp-common.log	x86_64	1.0.5-3.s15

Transaction Summary

```

Install      0 Package(s)
Upgrade     23 Package(s)

```

Total download size: 16 M

Downloading Packages:

```

(1/23): glite-LB-3.2.12-11.s15.x86_64.rpm
(2/23): glite-lb-yaim-4.2.14-4.s15.x86_64.rpm
(3/23): glite-lbjp-common-maildir-2.0.2-4.s15.x86_64.rpm
(4/23): org.glite.lbjp-common.log-1.0.5-3.s15.x86_64.rpm
(5/23): glite-lb-ws-interface-3.1.2-7.s15.x86_64.rpm
(6/23): glite-lbjp-common-server-bones-2.0.3-3.s15.x86_64.rpm
(7/23): glite-lbjp-common-jp-interface-2.0.3-4.s15.x86_64.rpm
(8/23): glite-lb-utils-2.0.8-4.s15.x86_64.rpm
(9/23): glite-lbjp-common-db-2.0.5-3.s15.x86_64.rpm
(10/23): glite-lbjp-common-trio-2.0.3-4.s15.x86_64.rpm
(11/23): glite-lb-harvester-1.0.11-1.s15.x86_64.rpm
(12/23): glite-lbjp-common-gss-2.1.6-1.s15.x86_64.rpm

```

CertificationReportForPatch4623 < EGEE < TWiki

(13/23): glite-lb-logger-2.1.14-1.s15.x86_64.rpm
(14/23): glite-lb-state-machine-1.1.4-5.s15.x86_64.rpm
(15/23): log4j-1.2.14-1.noarch.rpm
(16/23): org.glite.lb.client-java-1.0.5-6.s15.x86_64.rpm
(17/23): glite-lb-common-7.1.9-1.s15.x86_64.rpm
(18/23): glite-lb-server-2.1.16-1.s15.x86_64.rpm
(19/23): glite-lb-ws-test-1.1.5-5.s15.x86_64.rpm
(20/23): glite-lb-client-4.1.9-1.s15.x86_64.rpm
(21/23): glite-lbjp-common-gsoap-plugin-2.1.3-3.s15.x86_64.rpm
(22/23): glite-lb-doc-1.1.11-3.s15.x86_64.rpm
(23/23): glite-security-voms-api-cpp-1.9.19-3.s15.x86_64.rpm

Total

Running rpm_check_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

Updating : glite-lbjp-common-gss
Updating : glite-lbjp-common-trio
Updating : glite-lb-common
Updating : org.glite.lbjp-common.log
Updating : glite-lbjp-common-db
Updating : glite-lbjp-common-jp-interface
Updating : glite-lb-state-machine
Updating : glite-lb-client
Updating : glite-lbjp-common-gsoap-plugin
Updating : glite-lbjp-common-maildir
Updating : glite-lbjp-common-server-bones
Updating : glite-security-voms-api-cpp
Updating : org.glite.lb.client-java
Updating : glite-lb-utils
Updating : glite-lb-harvester
Updating : glite-lb-logger
Updating : glite-lb-ws-interface
Updating : glite-lb-server
Updating : glite-lb-ws-test
Updating : glite-lb-yaim
Updating : glite-lb-doc
Updating : log4j
Updating : glite-LB
Cleanup : glite-lb-utils
Cleanup : glite-lb-logger
Cleanup : glite-lb-common
Cleanup : org.glite.lb.client-java
Cleanup : glite-lbjp-common-server-bones
Cleanup : glite-lbjp-common-gsoap-plugin
Cleanup : glite-lbjp-common-jp-interface
Cleanup : glite-lb-client
Cleanup : log4j
Cleanup : glite-lbjp-common-db
Cleanup : org.glite.lbjp-common.log
Cleanup : glite-lbjp-common-trio
Cleanup : glite-lb-ws-test
Cleanup : glite-lbjp-common-gss
Cleanup : glite-lb-doc
Cleanup : glite-lb-harvester
Cleanup : glite-lb-state-machine
Cleanup : glite-security-voms-api-cpp
Cleanup : glite-lbjp-common-maildir
Cleanup : glite-lb-server
Cleanup : glite-LB
Cleanup : glite-lb-yaim
Cleanup : glite-lb-ws-interface

Updated:

glite-LB.x86_64 0:3.2.12-11.s15

glite-lb-client.x86_64 0:4.1.9-1.s15

CertificationReportForPatch4623 < EGEE < TWiki

```
glite-lb-harvester.x86_64 0:1.0.11-1.s15          glite-lb-logger.x86_64 0:2.1.14-1.s15
glite-lb-utils.x86_64 0:2.0.8-4.s15             glite-lb-ws-interface.x86_64 0:3.1.2-7.s15
glite-lbjp-common-db.x86_64 0:2.0.5-3.s15       glite-lbjp-common-gsoap-plugin.x86_64 0:2.1.3
glite-lbjp-common-maildir.x86_64 0:2.0.2-4.s15  glite-lbjp-common-server-bones.x86_64 0:2.0.3
log4j.noarch 0:1.2.14-1                         org.glite.lb.client-java.x86_64 0:1.0.5-6.s15
```

Complete!

```
[root@delwin yum.repos.d]#
[root@delwin yum.repos.d]# cd ~/yaim
[root@delwin yaim]#
[root@delwin 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: May 6 12:29 ./site-info.def
yaim command: -c -s ./site-info.def -n glite-LB
log file: /opt/glite/yaim/bin/./log/yaimlog
Fri May 6 12:32:39 CEST 2011 : /opt/glite/yaim/bin/yaim
```

```
Installed YAIM versions:
glite-lb-yaim 4.2.14-4
glite-yaim-core 4.0.14-1
```

```
#####
```

```
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: 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
```

Full output of the installation

CertificationReportForPatch4623 < EGEE < TWiki

```
Done
  INFO: Executing function: config_glite_lb_setenv
  INFO: Executing function: config_glite_lb
  INFO: Configuring nodes [LB], using L&B mode: both
  WARNING: Database lbserver20 already exists
Stopping glite-lb-notif-interlogd (10666) ... done
Stopping glite-lb-bkserverd (10600) ... done
glite-jp-importer not running
Stopping glite-lb-interlogd (10715) .../opt/glite/bin/glite-lb-interlogd: no process killed
Warning: MySQL library version mismatch (compiled '50045', runtime '50077')
done
Starting glite-lb-bkserver ... done
Starting glite-lb-notif-interlogd ... done
Starting glite-lb-interlog for proxy ... 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 ...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 update process: [ OK ]

Stopping SLAPD: [ OK ]

Starting SLAPD: [ OK ]

Starting update process: [ OK ]

  INFO: Configuration Complete. [ OK ]
  INFO: YAIM terminated succesfully.
```

Tests

Tests

TestPlan	https://twiki.cern.ch/twiki/bin/view/EGEE/LBTestPlan
TestPlan	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

```
Testing if all binaries are available
Testing credentials
Getting proxy cert path... /tmp/x509up_u503
L&B server: 'delwin.fi.muni.cz'
x509up_u503
arrange_lb_test_root.sh
Initializing database: [ OK ]
Starting postgresql service: [ OK ]
CREATE ROLE
glite user ID is 155
cvs checkout: Updating org.glite.testsuites.ctb/LB
U org.glite.testsuites.ctb/LB/LB-certconfig
U org.glite.testsuites.ctb/LB/LB-certtest.sh
U org.glite.testsuites.ctb/LB/Makefile
cvs checkout: Updating org.glite.testsuites.ctb/LB/manual
U org.glite.testsuites.ctb/LB/manual/Readme.txt
U org.glite.testsuites.ctb/LB/manual/Readme2.txt.old
cvs checkout: Updating org.glite.testsuites.ctb/LB/tests
U org.glite.testsuites.ctb/LB/tests/Makefile
U org.glite.testsuites.ctb/LB/tests/lb-common.sh
U org.glite.testsuites.ctb/LB/tests/lb-l2.sh
```

Tests

CertificationReportForPatch4623 < EGEE < TWiki

```
U org.glite.testsuites.ctb/LB/tests/lb-l2ILR.sh
U org.glite.testsuites.ctb/LB/tests/lb-l2Stat.sh
U org.glite.testsuites.ctb/LB/tests/lb-run-tests.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-acl-authz.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-bdii.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-binaries.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-changeacl.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-event-delivery.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-harvester.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-https.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-il-recovery.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-job-registration.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-job-states.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-logevent.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-logger-local.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-logger-remote.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif-msg.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif-recovery.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif-stream.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif-switch.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-notif.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-proxy-delivery.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-purge.pl
U org.glite.testsuites.ctb/LB/tests/lb-test-sandbox-transfer.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-server-local.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-server-remote.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-statistics.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-switch-owner.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-threaded.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-wild.sh
U org.glite.testsuites.ctb/LB/tests/lb-test-ws.sh
U org.glite.testsuites.ctb/LB/tests/test-common.sh
U org.glite.testsuites.ctb/LB/tests/testSocket.c
org.glite.testsuites.ctb
MANPATH=/opt/edg/share/man:/opt/glite/share/man:/opt/glite/yaim/man:/opt/globus/man:/opt/lcg/man:
GLITE_JP_LOCATION=
HOSTNAME=delwin.fi.muni.cz
GLITE_WMS_QUERY_TIMEOUT=300
GLITE_LB_NOTIF_IL_OTHER_OPTIONS=
GLITE_LB_HARVESTER_OTHER_OPTIONS=
GLITE_LB_SERVER_OTHER_OPTIONS=
GLITE_MYSQL_ROOT_PASSWORD=[Edited]
GLITE_WMS_QUERY_SERVER=delwin.fi.muni.cz:9000
LD_LIBRARY_PATH=/opt/glite/lib64:/opt/globus/lib:/opt/log4c/lib64:/opt/classads/lib64:/opt/c-ares
GLITE_LB_SERVER_WPORT=9003
GLITE_WMS_LBPROXY_STORE_SOCKET=/tmp/lb_proxy_
GLITE_WMS_NOTIF_SERVER=delwin.fi.muni.cz:9000
PATH=/usr/kerberos/bin:/opt/edg/bin:/opt/glite/bin:/opt/globus/bin:/opt/lcg/bin:/usr/local/bin:/b
GLITE_LB_TYPE=both
GLITE_HOST_KEY=/home/glite/.certs/hostkey.pem
GLITE_LB_LOGGER_PORT=9002
GLITE_USER=glite
GLITE_LB_EXPORT_ENABLED=false
GLITE_LOCATION_VAR=/var/glite
GLITE_LB_PROXY_IL_OTHER_OPTIONS=
GLITE_LB_SERVER_PORT=9000
GLITE_LB_EXPORT_PURGE_ARGS=---cleared 2d --aborted 15d --cancelled 15d --other 60d
HNAME=delwin.fi.muni.cz
GLITE_LOCATION=/opt/glite
GLITE_HOST_CERT=/home/glite/.certs/hostcert.pem
GLITE_WMS_LOG_DESTINATION=delwin.fi.muni.cz:9002
/home/glite/LB_testing/org.glite.testsuites.ctb/LB/tests
=====
REAL TESTS START HERE
=====
```

May 06 12:38:09 delwin.fi.muni.cz lb-test-event-delivery.sh: start
 Testing if all binaries are available done
 Testing credentials done
 Registering testing job... Registered job: https://delwin.fi.muni.cz:9000/Ux4uHcEd7kOpoyiIRFRhbQ done
 Logging events resulting in READY state... Sleeping for 10 seconds... Is the testing job (https://delwin.fi.muni.cz:9000/Ux4uHcEd7kOpoyiIRFRhbQ) in a correct state? Ready done
 Logging events resulting in DONE state... Sleeping for 10 seconds... Testing job (https://delwin.fi.muni.cz:9000/Ux4uHcEd7kOpoyiIRFRhbQ) is in state: Done done
 Registering collection done
 Collection ID: https://delwin.fi.muni.cz:9000/b0sKSgYFdSf6t7cYv6Yt9A Subjob 1: https://delwin.fi.muni.cz:9000/hIE8XeFEdcKUWK4-P0fbDw Subjob 2: https://delwin.fi.muni.cz:9000/NpE-FgBqAFTtrvAbArdW5w Checking if subjob registration worked...
 Registration event recorded done
 JDL present done
 Logging events for subjobs... Sleeping for 10 seconds (waiting for events to deliver)... Is the testing job (https://delwin.fi.muni.cz:9000/hIE8XeFEdcKUWK4-P0fbDw) in a correct state? Ready done
 Is the testing job (https://delwin.fi.muni.cz:9000/NpE-FgBqAFTtrvAbArdW5w) in a correct state? Done done
 Is the collection (https://delwin.fi.muni.cz:9000/b0sKSgYFdSf6t7cYv6Yt9A) in a correct state? Waiting done
 Logging events to clear subjobs... Sleeping for 10 seconds (waiting for events to deliver)... Is the collection (https://delwin.fi.muni.cz:9000/b0sKSgYFdSf6t7cYv6Yt9A) in a correct state? Cleared done
 Purging collection... The jobs were not dumped. Sleeping for 10 seconds... Checking state of collection... skipped
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:39:23 delwin.fi.muni.cz lb-test-event-delivery.sh:** end
May 06 12:39:23 delwin.fi.muni.cz lb-test-il-recovery.sh: start
 Testing if all binaries are available done
 Testing credentials done
 Registering testing job (https://delwin.fi.muni.cz:9000/0YK_deZuN9rBrjGKozw0-Q) done
 Info: No command to stop was given Generating events resulting in CLEARED state Info: No command to start was given Sleeping for 70 seconds (waiting for interlogger to notice and deliver events)... Testing job (https://delwin.fi.muni.cz:9000/0YK_deZuN9rBrjGKozw0-Q) is in state: Cleared done
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:40:34 delwin.fi.muni.cz lb-test-il-recovery.sh:** end
May 06 12:40:34 delwin.fi.muni.cz lb-test-job-registration.sh: start
 Testing if all binaries are available done
 Testing credentials done
 Registering testing job (https://delwin.fi.muni.cz:9000/-Q2a3SV-vR9x4hbQZGgUKA) done
 Is the job in a correct state? Submitted done
 Trying to re-register job with the same jobid...(Event No. 2)... done
 Trying to re-register job with the same jobid, 'exclusive' flag on... Returned 1 done
 Checking events... (There are 2 events)... done
 Test job purged. Testing state... done
 Trying to re-register. Same JobID, exclusive flag... Returned 1 done
 Checking state (expecting state 'Purged' or EIDRM). done
 Trying to re-register same JobID, exclusive flag off. Returned 0 done
 Checking state (expecting state 'Submitted'). done
May 06 12:40:35 delwin.fi.muni.cz lb-test-job-registration.sh: end
May 06 12:40:35 delwin.fi.muni.cz lb-test-https.sh: start
 Testing if all binaries are available done
 Testing credentials done
 Getting proxy cert path... /tmp/x509up_u155 done
 Registering testing job done

Evaluating job list... done
 Looking up the test job... done
 Evaluating job status listing... done
 Checking for jobid (verifying content)... done
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. Registering notification
 glite-lb-notify new -j https://delwin.fi.muni.cz:9000/dl4cRA-dNW-unIRih1_WNA
 (https://delwin.fi.muni.cz:9000/NOTIF:f9twgntXYFZQOOQ897essA) done
 Evaluating notification status listing... done
 Checking for jobid (verifying content)... done
 Dropping the test notification (https://delwin.fi.muni.cz:9000/NOTIF:f9twgntXYFZQOOQ897essA) done
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:40:36**
delwin.fi.muni.cz lb-test-https.sh: end
May 06 12:40:36 delwin.fi.muni.cz lb-test-job-states.sh: start
 Testing if all binaries are available done
 Testing credentials done
 Registering testing job (https://delwin.fi.muni.cz:9000/e7Eq2IUxDW5x9S3kP6x1Kg) 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. **May 06 12:43:01**
delwin.fi.muni.cz lb-test-job-states.sh: end
May 06 12:43:01 delwin.fi.muni.cz lb-test-logevent.sh: start
 Testing if all binaries are available done
 Testing credentials done
 Registering testing job (https://delwin.fi.muni.cz:9000/Y7wFB7NrShrqfOO6m1OhbQ) 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.Y7wFB7NrShrqfOO6m1OhbQ) **done**
 Comparing results () ... (MATCH) **done**
 Cleaning up Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:43:04 delwin.fi.muni.cz lb-test-logevent.sh: end**
May 06 12:43:04 delwin.fi.muni.cz lb-test-notif-recovery.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job (https://delwin.fi.muni.cz:9000/vwkW6yuGSVXaVaf-yKP1Kg) **done**
 Registering notification (https://delwin.fi.muni.cz:9000/NOTIF:RfnvANa3PuEdvVja3pwmFA) **done**
 Logging events resulting in DONE state notification is valid until: '2011-05-06 11:43:16 UTC' (1304682196)
 glite-lb-notify: Connection timed out (edg_wll_NotifReceive: poll() timed out) ./lb-test-notif-recovery.sh: line 157: kill: (29112) - No such process Notifications were delivered **done**
 Dropping the test notification (https://delwin.fi.muni.cz:9000/NOTIF:RfnvANa3PuEdvVja3pwmFA) **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:43:26 delwin.fi.muni.cz lb-test-notif-recovery.sh: end**
May 06 12:43:26 delwin.fi.muni.cz lb-test-notif.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job (https://delwin.fi.muni.cz:9000/LlpzvK-zro5UUAbg7ZJVjg) **done**
 Registering notification (https://delwin.fi.muni.cz:9000/NOTIF:ces8YZW38z9Ai0y6QF6ehA) **done**
 Logging events resulting in DONE state notification is valid until: '2011-05-06 11:43:27 UTC' (1304682207)
 glite-lb-notify: Connection timed out (edg_wll_NotifReceive: poll() timed out) ./lb-test-notif.sh: line 156: kill: (30862) - No such process Notifications were delivered **done**
 Dropping the test notification (https://delwin.fi.muni.cz:9000/NOTIF:ces8YZW38z9Ai0y6QF6ehA) **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:43:39 delwin.fi.muni.cz lb-test-notif.sh: end**
May 06 12:43:39 delwin.fi.muni.cz lb-test-notif-switch.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing jobs old: https://delwin.fi.muni.cz:9000/SYrJ-sHKpM3QbaN287PHag
 new:https://delwin.fi.muni.cz:9000/hPxHEa-49qq_92g6-oHj1w **done**
 Registering notification (https://delwin.fi.muni.cz:9000/NOTIF:Qh6pJpoH4vN4KXFZy5rx5g) **done**
 Logging events resulting in RUNNING state notification is valid until: '2011-05-06 11:43:39 UTC' (1304682219) Notifications were delivered **done**
 Changing notification ... glite-lb-notify: Connection timed out (edg_wll_NotifReceive: poll() timed out)
 glite-lb-notify change returned OK **done**
 ./lb-test-notif-switch.sh: line 185: kill: (32633) - No such process Logging events resulting in DONE state for both jobs notification is valid until: '2011-05-06 11:43:56 UTC' (1304682236) glite-lb-notify: Connection timed out (edg_wll_NotifReceive: poll() timed out) ./lb-test-notif-switch.sh: line 197: kill: (2810) - No such process Notifications for the old job were not delivered **done**
 Notifications for the new job were delivered **done**
 Dropping the test notification (https://delwin.fi.muni.cz:9000/NOTIF:Qh6pJpoH4vN4KXFZy5rx5g) **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:44:10 delwin.fi.muni.cz lb-test-notif-switch.sh: end**

May 06 12:44:10 delwin.fi.muni.cz lb-test-notif-stream.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Srv. version 2.1 >= 2.2? no Capability not detected. This test will be **skipped**
May 06 12:44:10 delwin.fi.muni.cz lb-test-notif-stream.sh: end
May 06 12:44:10 delwin.fi.muni.cz lb-test-proxy-delivery.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job **done**
 Registered job: https://delwin.fi.muni.cz:9000/wXhSkWKwrOLeu0sGJWk-VQ Is the testing job
 (https://delwin.fi.muni.cz:9000/wXhSkWKwrOLeu0sGJWk-VQ) in a correct state? Submitted **done**
 Logging events resulting in READY state... Sleeping for 10 seconds... Is the testing job
 (https://delwin.fi.muni.cz:9000/wXhSkWKwrOLeu0sGJWk-VQ) in a correct state? Ready **done**
 Logging events for the testing job... Sleeping for 10 seconds... Testing job
 (https://delwin.fi.muni.cz:9000/wXhSkWKwrOLeu0sGJWk-VQ) is in state: Done **done**
 Registering collection **done**
 Collection ID: https://delwin.fi.muni.cz:9000/vwsezIT7hi4RQu6Hj6tgWA Subjob 1:
 https://delwin.fi.muni.cz:9000/fuyNci0FSbnHdfo2KC9JZg Subjob 2:
 https://delwin.fi.muni.cz:9000/GKYLnlDbsTiFcbKUdTRULg Checking if subjob registration worked... JDL
 present **done**
 Checking if subjob has stateEnterTime set and > 0... 1304678672.274944 (Fri May 6 12:44:32 CEST
 2011) **done**
 Logging events for subjobs... Sleeping for 10 seconds (waiting for events to deliver)... Is the testing job
 (https://delwin.fi.muni.cz:9000/fuyNci0FSbnHdfo2KC9JZg) in a correct state? Ready **done**
 Is the testing job (https://delwin.fi.muni.cz:9000/GKYLnlDbsTiFcbKUdTRULg) in a correct state?
 Done **done**
 Is the collection (https://delwin.fi.muni.cz:9000/vwsezIT7hi4RQu6Hj6tgWA) in a correct state?
 Waiting **done**
 Logging events to clear subjobs... Sleeping for 10 seconds (waiting for events to deliver)... Is the collection
 (https://delwin.fi.muni.cz:9000/vwsezIT7hi4RQu6Hj6tgWA) in a correct state? Cleared **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:44:54**
delwin.fi.muni.cz lb-test-proxy-delivery.sh: end
May 06 12:44:54 delwin.fi.muni.cz lb-test-ws.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job **done**
 WS interface to query: delwin.fi.muni.cz:9003 Has the job
 (https://delwin.fi.muni.cz:9000/L9zhLPd8Ka2ESSi7f7s0Xg) been submitted? **done**
 Checking if doneCode unset for job not yet done... Srv. version 2.1 >= 2.2? no **skipped**
 Is it possible to retrieve events? **done**
 Is it possible to retrieve AGU activity info? **done**
 Does AGU activity status return correct state? **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. Getting server version...
 2.1.16 **done**
 Getting WS interface version... Srv. version 2.1 >= 2.2? no **skipped**
May 06 12:44:55 delwin.fi.muni.cz lb-test-ws.sh: end
May 06 12:44:55 delwin.fi.muni.cz lb-test-bdii.sh: start
 Testing if all essential binaries are available **done**
 Testing optional WS client binary **done**
 Testing credentials **done**
 Checking if BDII operational... **done**
 Checking Glue 1 root entry... **done**
 Checking ServiceStatus... OK **done**
 Checking Glue 2.0 entry with 'o=glue'... **done**

Checking GLUE2 HealthStatus... ok **done**
 Checking GlueServiceVersion... 2.1.16 **done**
 Reading version through WS... 2.1.16 **done**
 Comparing versions: '2.1.16' == '2.1.16' **done**
May 06 12:44:56 delwin.fi.muni.cz lb-test-bdii.sh: end
May 06 12:44:56 delwin.fi.muni.cz lb-test-sandbox-transfer.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Registering testing job **done**
 Is the testing job (https://delwin.fi.muni.cz:9000/IQ_d6s30hUsBkhBk-nT7Fw) in a correct state?
 Submitted **done**
 Registering input SandBox... https://delwin.fi.muni.cz:9000/FT:TPmakpekz9ssLvgaTZYXwg **done**
 Registering output SandBox... https://delwin.fi.muni.cz:9000/FT:RIRmFi0PzHPNB1xV_Ef3Bg **done**
 Input SB transfer starting... **done**
 Checking state... Running **done**
 Input SB transfer finishing... **done**
 Checking state... Done **done**
 Output SB transfer starting... **done**
 Checking state... Running **done**
 Output SB transfer failing... **done**
 Checking Done Code... DONE_CODE_FAILED **done**
 Check ISB transfer JobID for computing job...
 https://delwin.fi.muni.cz:9000/FT:TPmakpekz9ssLvgaTZYXwg **done**
 Check OSB transfer JobID for computing job...
 https://delwin.fi.muni.cz:9000/FT:RIRmFi0PzHPNB1xV_Ef3Bg **done**
 Check computing Job ID for ISB... https://delwin.fi.muni.cz:9000/IQ_d6s30hUsBkhBk-nT7Fw **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. Srv. version 2.1 >= 2.2?
 no SB collection capability not detected... **skipped**
May 06 12:45:38 delwin.fi.muni.cz lb-test-sandbox-transfer.sh: end
May 06 12:45:38 delwin.fi.muni.cz lb-test-changeacl.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Srv. version 2.1 >= 2.2? no **done**
 Testing Tags permissions... Capability not detected... **skipped**
 Registering testing job https://delwin.fi.muni.cz:9000/b9u8Gl6C24aOi0fsTL7EyQ **done**
 Changing ACL... **done**
 Checking ACL for new values... **done**
 Removing ACL entries... **done**
 Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:45:39**
delwin.fi.muni.cz lb-test-changeacl.sh: end
May 06 12:45:39 delwin.fi.muni.cz lb-test-statistics.sh: start
 Testing if all binaries are available **done**
 Testing credentials **done**
 Test jobs registered. **done**
 Sleeping for 10 seconds... Sending events for all test jobs, Submitted => Running **done**
 Sleeping for 10 seconds... Sending events for all test jobs, Running => Done **done**
 Sleeping for 10 seconds... Getting job rate (should be around .0166666, testing if > 0): 0.166667 **done**
 Getting average 'Submitted' -> 'Running' transfer time (should be a number > 10): 17.700001 **done**
 Getting the dispersion index (should be a number >= 0): 4.029056 **done**
 Getting average 'Submitted' -> 'Done/OK' transfer time (should be a number > 20): 34.700001 **done**
 Comparing. 'Submitted' -> 'Running' should take longer than 'Submitted' -> 'Done/OK': OK **done**
 Long term: Getting average 'Submitted' -> 'Running' transfer times (should be numbers >= 0): 0. destination
 CE/queue: 18.700001 34.570538 **done**
 1. CE20110506124515546: 17.700001 4.029056 **done**

Long term: Getting average 'Running' rates (should be numbers >= 0): 0. destination CE/queue:

0.002778 **done**

1. CE20110506124515546: 0.011111 **done**

Purging test job (Trying the best, result will not be tested) The jobs were not dumped. **May 06 12:46:26**

delwin.fi.muni.cz lb-test-statistics.sh: **end**

May 06 12:46:26 delwin.fi.muni.cz lb-test-threaded.sh: **start**

Testing if all binaries are available **done**

Testing credentials **done**

Registering testing jobs 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 **done**

Asking for states of all 30 jobs... **done**

Checking if states were returned for all jobs... 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 **done**

May 06 12:46:32 delwin.fi.muni.cz lb-test-threaded.sh: **end**

**** Hey, purging the whole database...**

The jobs were not dumped. The following jobs were purged:

<https://delwin.fi.muni.cz:9000/0j-HcekKb3T5pguhMzvBAG>

https://delwin.fi.muni.cz:9000/2DR9Tk5_nIvXDy4ALPb9QQ

<https://delwin.fi.muni.cz:9000/3h4ciXYFRFeC0TJsqa6yvQ>

<https://delwin.fi.muni.cz:9000/6qdXWEDbvtqBwHIWsKBxwA>

<https://delwin.fi.muni.cz:9000/9MT15RSEnh0dill1Pv9hg>

<https://delwin.fi.muni.cz:9000/9hnI7Nnbl4kPLPLjciCJEQ>

<https://delwin.fi.muni.cz:9000/ABZVHPTdIs9no-MshBdFg>

<https://delwin.fi.muni.cz:9000/COiMvodgWS7Z6cQFg83SsA>

<https://delwin.fi.muni.cz:9000/EzF0cNTDe-SY7VQ3RhPWRQ>

<https://delwin.fi.muni.cz:9000/HGdvV6AHpxoZ1y9VHtkf-Q>

https://delwin.fi.muni.cz:9000/J3TQjV96bYNm_3--qzuBnA

<https://delwin.fi.muni.cz:9000/KFB94GiiRje0G1MoJylS3g>

<https://delwin.fi.muni.cz:9000/PPrDuPHOYflb9La6PTwiDA>

<https://delwin.fi.muni.cz:9000/PVImrfoxY6A-k27ghHC5-g>

<https://delwin.fi.muni.cz:9000/RYxHIDnaV2nC0ScKQpwYXQ>

<https://delwin.fi.muni.cz:9000/Rr16L4wT8ScHu9MmISjYPA>

<https://delwin.fi.muni.cz:9000/VIaxMSh5QsVngTZ6nWSIyw>

<https://delwin.fi.muni.cz:9000/ZoyNZUcYtg0qXGt034IbNw>

https://delwin.fi.muni.cz:9000/aVMtXBnY6ILzxjJ_9aOMrQ

<https://delwin.fi.muni.cz:9000/fSuOzc4ZQro66oW9F6aRGw>

https://delwin.fi.muni.cz:9000/foy9Qbw_kneX65LmNsGabg

<https://delwin.fi.muni.cz:9000/g0IpMp99JxhvBwPASNpCIQ>

<https://delwin.fi.muni.cz:9000/h51U7ZsI8wHxCH4xcaWjHw>

https://delwin.fi.muni.cz:9000/ku6CnBfOUsvTz_2fkON5yg

<https://delwin.fi.muni.cz:9000/nDwhh3ogfSefypUCRte3fQ>

<https://delwin.fi.muni.cz:9000/oociNGb2RrcfBnEPzbhwFg>

<https://delwin.fi.muni.cz:9000/rIWW5P2fnYKIqKEeHxnF4g>

<https://delwin.fi.muni.cz:9000/sWQbzHGFwFxpI81EiMn-kA>

https://delwin.fi.muni.cz:9000/t8EscixHdcyH_snc5R8muA

<https://delwin.fi.muni.cz:9000/vDsFEvoTerQV8waSLf0E4Q>

<https://delwin.fi.muni.cz:9000/wERrHzBE9v9h-FvtHjBXAw>

<https://delwin.fi.muni.cz:9000/wzrFLFOP7MQQxEvPFsrCw> **done**

**** Logging test jobs**

**** So far so good**

done

**** sleeping 60 seconds...**

**** OK, another set of jobs
done**

**** draining other 6 seconds ...**

**** test jobs:**

aborted: <https://delwin.fi.muni.cz:9000/XL7WYJyTQtT4k4Q1gv7Dhg>
<https://delwin.fi.muni.cz:9000/YShln7waDztBdEzXTw2zow> cleared:
https://delwin.fi.muni.cz:9000/Wdf5VPz_BM8UzEHZX6Vkqg
https://delwin.fi.muni.cz:9000/yoL5bjHE7QG81h3-_PI02Q cancelled:
https://delwin.fi.muni.cz:9000/YpnYMvs2uJ9-9_BmfWgwWw
<https://delwin.fi.muni.cz:9000/KBJfHEXgTvRLxa40qxRS3Q> other:
<https://delwin.fi.muni.cz:9000/BJAzWBXbpA6GorOfnffozg>
https://delwin.fi.muni.cz:9000/Mc6s_leBCLVrTfR2ZXN3GA

**** Dry run**

30s aborted <https://delwin.fi.muni.cz:9000/XL7WYJyTQtT4k4Q1gv7Dhg> **done**
0s aborted <https://delwin.fi.muni.cz:9000/XL7WYJyTQtT4k4Q1gv7Dhg> **done**
0s aborted <https://delwin.fi.muni.cz:9000/YShln7waDztBdEzXTw2zow> **done**
30s cleared https://delwin.fi.muni.cz:9000/Wdf5VPz_BM8UzEHZX6Vkqg **done**
0s cleared https://delwin.fi.muni.cz:9000/Wdf5VPz_BM8UzEHZX6Vkqg **done**
0s cleared https://delwin.fi.muni.cz:9000/yoL5bjHE7QG81h3-_PI02Q **done**
30s cancelled https://delwin.fi.muni.cz:9000/YpnYMvs2uJ9-9_BmfWgwWw **done**
0s cancelled <https://delwin.fi.muni.cz:9000/KBJfHEXgTvRLxa40qxRS3Q> **done**
0s cancelled https://delwin.fi.muni.cz:9000/YpnYMvs2uJ9-9_BmfWgwWw **done**
30s other <https://delwin.fi.muni.cz:9000/BJAzWBXbpA6GorOfnffozg> **done**
0s other <https://delwin.fi.muni.cz:9000/BJAzWBXbpA6GorOfnffozg> **done**
0s other https://delwin.fi.muni.cz:9000/Mc6s_leBCLVrTfR2ZXN3GA **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**

<https://delwin.fi.muni.cz:9000/BJAzWBXbpA6GorOfnffozg> Purged **done**
<https://delwin.fi.muni.cz:9000/XL7WYJyTQtT4k4Q1gv7Dhg> Purged **done**
https://delwin.fi.muni.cz:9000/YpnYMvs2uJ9-9_BmfWgwWw Purged **done**
https://delwin.fi.muni.cz:9000/Wdf5VPz_BM8UzEHZX6Vkqg Purged **done**
https://delwin.fi.muni.cz:9000/Mc6s_leBCLVrTfR2ZXN3GA Purged **done**
<https://delwin.fi.muni.cz:9000/YShln7waDztBdEzXTw2zow> Purged **done**
<https://delwin.fi.muni.cz:9000/KBJfHEXgTvRLxa40qxRS3Q> Purged **done**
https://delwin.fi.muni.cz:9000/yoL5bjHE7QG81h3-_PI02Q Purged **done**

**** All tests passed ****

done

```
=====
TESTS END HERE
=====
```

In the Wild—Real-World Test

```
uil.egee.cesnet.cz$ time ./lb-test-wild.sh -n 1 -w -f html delwin.fi.muni.cz:9000
```

May 06 18:18:11 uil.egee.cesnet.cz lb-test-wild.sh: start

```
[wild] submit (done test): https://delwin.fi.muni.cz:9000/8IW2EFMYV7xJZmAbKI1b0Q
[wild] submit (fail test): https://delwin.fi.muni.cz:9000/nco-iUFT_Lp2LKG3_OxcLA
[wild] submit (collection to fail test): https://delwin.fi.muni.cz:9000/nSXzXaAkqeEWoXWr4lzZ7A
[wild] submit (collection to done test): https://delwin.fi.muni.cz:9000/O2isb2S-jCYaikQn3xySbQ
[wild] submit (done test): https://delwin.fi.muni.cz:9000/FBjX02CJPzjnW7Yp80LpSg
[wild] submit (collection to done test): https://delwin.fi.muni.cz:9000/F0q6HCz7JHWO8YioBFehww
[wild] sleep before cancel...
[wild] cancel https://delwin.fi.muni.cz:9000/FBjX02CJPzjnW7Yp80LpSg
[wild] cancel https://delwin.fi.muni.cz:9000/F0q6HCz7JHWO8YioBFehww
[wild] submitted done
[wild] =====
[wild] 2011-05-06 18:18:47 https://delwin.fi.muni.cz:9000/8IW2EFMYV7xJZmAbKI1b0Q Scheduled (done
test)
[wild] 2011-05-06 18:18:49 https://delwin.fi.muni.cz:9000/nco-iUFT_Lp2LKG3_OxcLA Scheduled (fail test)
[wild] 2011-05-06 18:18:49 https://delwin.fi.muni.cz:9000/nSXzXaAkqeEWoXWr4lzZ7A Waiting (fail_coll
test)
[wild] 2011-05-06 18:18:50 https://delwin.fi.muni.cz:9000/O2isb2S-jCYaikQn3xySbQ Running (done_coll
test)
[wild] 2011-05-06 18:18:51 https://delwin.fi.muni.cz:9000/FBjX02CJPzjnW7Yp80LpSg Cancelled (cancel
test)
[wild] 2011-05-06 18:18:52 https://delwin.fi.muni.cz:9000/F0q6HCz7JHWO8YioBFehww Cleared
(cancel_coll test)
[wild] 2011-05-06 18:22:15 https://delwin.fi.muni.cz:9000/nco-iUFT_Lp2LKG3_OxcLA Running (fail test)
[wild] 2011-05-06 18:22:16 https://delwin.fi.muni.cz:9000/nSXzXaAkqeEWoXWr4lzZ7A Running (fail_coll
test)
[wild] 2011-05-06 18:23:57 https://delwin.fi.muni.cz:9000/nco-iUFT_Lp2LKG3_OxcLA Aborted (fail test)
[wild] 2011-05-06 18:23:58 https://delwin.fi.muni.cz:9000/nSXzXaAkqeEWoXWr4lzZ7A Waiting (fail_coll
test)
[wild] 2011-05-06 18:25:04 https://delwin.fi.muni.cz:9000/8IW2EFMYV7xJZmAbKI1b0Q Running (done
test)
[wild] 2011-05-06 18:25:06 https://delwin.fi.muni.cz:9000/nSXzXaAkqeEWoXWr4lzZ7A Running (fail_coll
test)
[wild] 2011-05-06 18:25:07 https://delwin.fi.muni.cz:9000/O2isb2S-jCYaikQn3xySbQ Done (done_coll test)
[wild] 2011-05-06 18:44:56 https://delwin.fi.muni.cz:9000/8IW2EFMYV7xJZmAbKI1b0Q Done (done test)
[wild] 2011-05-06 18:44:58 https://delwin.fi.muni.cz:9000/nSXzXaAkqeEWoXWr4lzZ7A Aborted (fail_coll
test)
[wild] all jobs finished done
[wild] =====
[wild] https://delwin.fi.muni.cz:9000/8IW2EFMYV7xJZmAbKI1b0Q: 'Done' OK (done) done
[wild] components: JobController LogMonitor LRMS NetworkServer WorkloadManager OK done
[wild] https://delwin.fi.muni.cz:9000/nco-iUFT_Lp2LKG3_OxcLA: 'Aborted' OK (fail) done
[wild] components: JobController LogMonitor LRMS NetworkServer WorkloadManager OK done
[wild] https://delwin.fi.muni.cz:9000/nSXzXaAkqeEWoXWr4lzZ7A: 'Aborted' OK (fail_coll) done
[wild] components: LBServer NetworkServer WorkloadManager OK done
```

```
[wild] https://delwin.fi.muni.cz:9000/O2isb2S-jCYaikQn3xySbQ: 'Done' OK (done_coll) done
[wild] components: LBServer NetworkServer WorkloadManager OK done
[wild] https://delwin.fi.muni.cz:9000/FBjX02CJPzjnW7Yp80LpSg: 'Cancelled' OK (cancel) done
[wild] components: JobController LogMonitor NetworkServer WorkloadManager OK done
[wild] https://delwin.fi.muni.cz:9000/F0q6HCz7JHWO8YioBFehww: expected 'Cancelled', got 'Cleared'
(cancel_coll), so be it! done
[wild] components: LBServer NetworkServer WorkloadManager ?
[wild] =====
[wild] job output test
[wild] fetching output from https://delwin.fi.muni.cz:9000/8IW2EFMYV7xJZmAbKI1b0Q
Warning - JobPurging not allowed (The Operation is not allowed: Unable to complete job purge) [wild]
output of 'https://delwin.fi.muni.cz:9000/8IW2EFMYV7xJZmAbKI1b0Q' fetched done
[wild] fetching output from https://delwin.fi.muni.cz:9000/O2isb2S-jCYaikQn3xySbQ
Warning - JobPurging not allowed (The Operation is not allowed: Unable to complete job purge) [wild]
output of https://delwin.fi.muni.cz:9000/_w4lwTR-_BVJ6vJpZWzcOA (1. offspring of
https://delwin.fi.muni.cz:9000/O2isb2S-jCYaikQn3xySbQ) fetched done
Warning - JobPurging not allowed (The Operation is not allowed: Unable to complete job purge) [wild]
output of https://delwin.fi.muni.cz:9000/f2xlqLK-UgbVfTM175B18w (2. offspring of
https://delwin.fi.muni.cz:9000/O2isb2S-jCYaikQn3xySbQ) fetched done
[wild] outputs: jobOutput.30806/0/sustr_8IW2EFMYV7xJZmAbKI1b0Q/std.err
jobOutput.30806/0/sustr_8IW2EFMYV7xJZmAbKI1b0Q/std.out
jobOutput.30806/3-2/sustr_f2xlqLK-UgbVfTM175B18w/std1.out
jobOutput.30806/3-2/sustr_f2xlqLK-UgbVfTM175B18w/std1.err
[wild] waiting for cleared states...
```

Review of Linked Bugs

LB locallogger and bkserverd startup scripts should remove stale sockets (#77357) [🔗](#)

- Bug classification: 1

Steps (with proxy and harvester enabled):

```
killall -9 glite-lb-logd glite-lb-interlogd glite-lb-notif-interlogd glite-lb-harvester glite-lb-
chown root:root /tmp/glite-lb-notif.sock /tmp/glite-lbproxy-ilog.sock /tmp/interlogger.sock /tmp/
ps xafw | grep glite
/etc/init.d/gLite start
/etc/init.d/gLite status
```

- Output before:

```
[root@pelargir2 yaim]# killall -9 glite-lb-logd glite-lb-interlogd glite-lb-notif-interlogd glite
[root@pelargir2 yaim]# chown root:root /tmp/glite-lb-notif.sock /tmp/glite-lbproxy-ilog.sock /tmp
[root@pelargir2 yaim]# ps xafw | grep glite
3811 pts/0 S+ 0:00 \_ grep glite
[root@pelargir2 yaim]# /etc/init.d/gLite start
*** glite-lb-locallogger:
Warning: stalled /var/glite/glite-lb-logd.pid for glite-lb-logdStarting glite-lb-logd ...This is
done
Warning: stalled /var/glite/glite-lb-interlogd.pid for glite-lb-interlogdStarting glite-lb-interl
*** glite-lb-harvester:
Warning: stalled /var/glite/glite-lb-harvester.pid for glite-lb-harvesterStarting glite-lb-harves
*** glite-lb-bkserverd:
Warning: stalled /var/glite/glite-lb-bkserverd.pid for glite-lb-bkserverStarting glite-lb-bkserve
```

CertificationReportForPatch4623 < EGEE < TWiki

```
bind(/tmp/lb_proxy_serve.sock)
```

```
FAILED
```

```
Warning: stalled /var/glite/glite-lb-notif-interlogd.pid for glite-lb-notif-interlogdStarting gli
```

```
Warning: stalled /var/glite/glite-lb-proxy-interlogd.pid for glite-lb-interlog for proxyStarting
```

```
[root@pelargir2 yaim]# /etc/init.d/gLite status
```

```
*** glite-lb-locallogger:
```

```
glite-lb-logd running as 3956
```

```
glite-lb-interlogd running as 3956
```

```
*** glite-lb-harvester:
```

```
glite-lb-harvester not running
```

```
*** glite-lb-bkserverd:
```

```
glite-lb-notif-interlogd not running (stalled pidfile)
```

```
glite-lb-interlogd for proxy not running (stalled pidfile)
```

```
glite-lb-bkserverd not running (stalled pidfile)
```

```
glite-jp-importer not running (disabled)
```

• Output after:

```
[root@delwin yaim]# killall -9 glite-lb-logd glite-lb-interlogd glite-lb-notif-interlogd glite-lb-
```

```
glite-lb-harvester: no process killed
```

```
[root@delwin yaim]# chown root:root /tmp/glite-lb-notif.sock /tmp/glite-lbproxy-ilog.sock /tmp/in
```

```
chown: cannot access `/var/tmp/notifs.txt': No such file or directory
```

```
[root@delwin yaim]# ps xafw | grep glite
```

```
25060 pts/0 S+ 0:00 \_ grep glite
```

```
11433 pts/1 S 0:00 | \_ su glite
```

```
[root@delwin yaim]# /etc/init.d/gLite start
```

```
*** glite-lb-locallogger:
```

```
Warning: stale /var/glite/glite-lb-logd.pid for glite-lb-logd
```

```
Starting glite-lb-logd ...This is LocalLogger, part of Workload Management System in EU DataGrid
```

```
done
```

```
Warning: stale /var/glite/glite-lb-interlogd.pid for glite-lb-interlogd
```

```
Warning: stale /tmp/interlogger.sock for glite-lb-interlogd
```

```
Starting glite-lb-interlogd ... done
```

```
*** glite-lb-bkserverd:
```

```
Warning: stale /var/glite/glite-lb-bkserverd.pid for glite-lb-bkserver
```

```
Warning: stale /tmp/lb_proxy_serve.sock for glite-lb-bkserver
```

```
Warning: stale /tmp/lb_proxy_store.sock for glite-lb-bkserver
```

```
Starting glite-lb-bkserver ...Warning: MySQL library version mismatch (compiled '50045', runtime
```

```
done
```

```
Warning: stale /var/glite/glite-lb-notif-interlogd.pid for glite-lb-notif-interlogd
```

```
Warning: stale /tmp/glite-lb-notif.sock for glite-lb-notif-interlogd
```

```
Starting glite-lb-notif-interlogd ... done
```

```
Warning: stale /var/glite/glite-lb-proxy-interlogd.pid for glite-lb-interlog for proxy
```

```
Warning: stale /tmp/glite-lbproxy-ilog.sock for glite-lb-interlog for proxy
```

```
Starting glite-lb-interlog for proxy ... done
```

```
[root@delwin yaim]# /etc/init.d/gLite status
```

```
*** glite-lb-locallogger:
```

```
glite-lb-logd running as 25141
```

```
glite-lb-interlogd running as 25141
```

```
*** glite-lb-bkserverd:
```

```
glite-lb-notif-interlogd running as 25326
```

```
glite-lb-interlogd for proxy running as 25381
```

```
glite-lb-bkserverd running as 25254
```

```
glite-jp-importer not running (disabled)
```

Fix certified

wrong categorization of errors at interlog--bkserver interface (#77365) [↗](#)

- Bug classification: 1

Simple sequence to test if ENOENT delays processing:

```
JOBID=`glite-lb-job_reg -m delwin.fi.muni.cz -s Application | egrep "^new" | sed 's/new jobid:\W*/glite-lb-logevent -j https://delwin.fi.muni.cz:9000/BadJobID -c UI=000003:NS=0000000000:WM=000000:glite-lb-logevent -j $JOBID -c UI=000003:NS=0000000000:WM=000000:BH=0000000000:JSS=000000:LM=0000sleep 2 ;\
echo $JOBID ;\
glite-lb-job_status $JOBID | egrep "^state\W" ;\
unset JOBID
```

- Output prior to update:

```
UI=000003:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000:LBS=0
UI=000003:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000:LBS=0
https://delwin.fi.muni.cz:9000/Cy4gz39QmG9NI-7PXbBotQ
state : Submitted
```

The job eventually reached state `Waiting` after a noticeable delay:

```
$ glite-lb-job_status https://delwin.fi.muni.cz:9000/Cy4gz39QmG9NI-7PXbBotQ | egrep "^state\W"
state : Waiting
```

- Output after update:

```
UI=000003:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000:LBS=0
UI=000003:NS=0000000002:WM=000000:BH=0000000000:JSS=000000:LM=000000:LRMS=000000:APP=000000:LBS=0
https://delwin.fi.muni.cz:9000/izZuQIMsfCiN5_Hz1nt92w
state : Waiting
```

Fix Certified**edg_wll_DoLogEventServer() should read any reply only once (#77366)** [↗](#)

- Bug classification: 3

This bug can present itself only under load and non-standard proxy or server conditions; replication of such conditions is not straightforward. Results of TestPlan test `lb-test-proxy-delivery.sh` show that expected functionality under standard conditions has not changed. WMS stress-testing (not documented here) confirms that problems they were experiencing have disappeared.

Fix Certified**interlogd should access /tmp/interlogger.sock regularly (#71311)** [↗](#)

- Bug classification: 3

Test:

```
ls -l /tmp/interlogger.sock;sleep 60;ls -l /tmp/interlogger.sock;sleep 60;ls -l /tmp/interlogger.
```

Output, with no events arriving:

```
srwxrwxr-x 1 glite glite 0 Mar 15 11:31 /tmp/interlogger.sock
```



```
srwxrwxr-x 1 glite glite 0 Mar 15 11:32 /tmp/interlogger.sock
srwxrwxr-x 1 glite glite 0 Mar 15 11:33 /tmp/interlogger.sock
```

Fix Certified

Wrong default for GLITE_LB_EXPORT_PURGE_ARGS (#78560) [↗](#)

- Bug classification: 1

File contents prior to upgrade:

```
[root@delwin ~]# grep GLITE_LB_EXPORT_PURGE_ARGS /opt/glite/sbin/glite-lb-export.sh
GLITE_LB_EXPORT_PURGE_ARGS=${GLITE_LB_EXPORT_PURGE_ARGS:---cleared 2d --aborted 2w --cancelled 2w
GLITE_LB_EXPORT_PURGE_ARGS="$GLITE_LB_EXPORT_PURGE_ARGS -s"
GLITE_LB_EXPORT_PURGE_ARGS="$GLITE_LB_EXPORT_PURGE_ARGS --target-runtime $GLITE_LB_PURGE_TARGET
X509_USER_CERT="$X509_USER_CERT" X509_USER_KEY="$X509_USER_KEY" $PREFIX/bin/glite-lb-purge $GL
```

File contents after upgrade:

```
[root@delwin ~]# grep GLITE_LB_EXPORT_PURGE_ARGS /opt/glite/sbin/glite-lb-export.sh
GLITE_LB_EXPORT_PURGE_ARGS=${GLITE_LB_EXPORT_PURGE_ARGS:---cleared 2d --aborted 15d --cancelled 1
GLITE_LB_EXPORT_PURGE_ARGS="$GLITE_LB_EXPORT_PURGE_ARGS -s"
GLITE_LB_EXPORT_PURGE_ARGS="$GLITE_LB_EXPORT_PURGE_ARGS --target-runtime $GLITE_LB_PURGE_TARGET
X509_USER_CERT="$X509_USER_CERT" X509_USER_KEY="$X509_USER_KEY" $PREFIX/bin/glite-lb-purge $GL
```

Fix certified

-- ZdenekSustr - 25-Jan-2011

This topic: EGEE > CertificationReportForPatch4623

Topic revision: r28 - 2011-05-11 - ZdenekSustr



Copyright &© by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Ask a support question or Send feedback