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# Certification Report for patch 3057

- Certifier: AndrewElwell
- SA3 Partner: CERN

## General Background

Installed on vtb-generic-104, part of the VNode testbed. After initialising the machine the steps were:

```
./AE_vnode_setup.sh prod creamCE
# added my AFS account
yum install xml-commons-apis
./AE_getpatch.sh 3057 #CREAM
./AE_getpatch.sh 3106 #yaim-core
# Tried to remove vomscerts
[root@vtb-generic-104 ~]# rpm -e lcg-vomscerts
error: Failed dependencies:
    lcg-vomscerts >= 5.4.0-1 is needed by (installed) 3057-1.0.0-1.x86_64
```

```
# Add Torque Server and Client patches
./AE_getpatch.sh 3097
./AE_getpatch.sh 3074
```

```
# YAIM
Changed CE_BATCH_SYS from torque to pbs
Changed JOB_MANAGER from lcgpbs to pbs
ie:
  BATCH_SERVER=vtb-generic-104.$MY_DOMAIN
  JOB_MANAGER=pbs
  CE_BATCH_SYS=pbs
  BATCH_BIN_DIR=/usr/bin
  BATCH_VERSION=torque-2.3.6-2cri
  BATCH_LOG_DIR=/var/spool/pbs/server_logs
```

```
Versions of yaim used:
  glite-yaim-core-4.0.10-1.noarch
  glite-yaim-cream-ce-4.0.9-0.noarch
  glite-yaim-torque-server-4.0.1-5.noarch
  glite-yaim-torque-utils-4.0.2-2.noarch
```

### Yaim Log from setup: Show full yaim log Hide

```
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
DEBUG: Detect platform: OS flavour detected is: redhat
DEBUG: Detected architecture is 64BIT
DEBUG: Detect platform: OS type detected: s15
DEBUG: Detect platform: The gLite version detected is: 32
DEBUG: Detect platform: VDT version detected is: 1.1
DEBUG: GROUPS_CONF is defined. Adding global groups to the groups.conf temp file
DEBUG: GROUPS_CONF points now to the groups.conf temp file
DEBUG: GROUPS_CONF=/tmp/yaim.L24945
DEBUG: Resulted NODE_TYPE_LIST is : creamCE TORQUE_server TORQUE_utils
DEBUG: Setting environment variable JAVA_HOME, to value "/usr/lib/jvm/java".
DEBUG: Setting environment variable GRID_ENV_LOCATION, to value "/opt/glite/etc/profile.d".
DEBUG: Setting environment variable EDG_LOCATION, to value "/opt/edg".
DEBUG: Setting environment variable LCG_LOCATION, to value "/opt/lcg".
DEBUG: Setting environment variable GLITE_LOCATION, to value "/opt/glite".
DEBUG: Setting environment variable GLITE_LOCATION_VAR, to value "/opt/glite/var".
DEBUG: Appending value "/opt/lcg/lib" to environment variable LD_LIBRARY_PATH.
DEBUG: Appending value "/opt/glite/lib64" to environment variable LD_LIBRARY_PATH.
DEBUG: Appending value "/opt/glite/lib" to environment variable LD_LIBRARY_PATH.
```

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```
DEBUG: Appending value "/opt/lcg/bin" to environment variable PATH.
DEBUG: Appending value "/opt/edg/bin" to environment variable PATH.
DEBUG: Appending value "/opt/glite/bin" to environment variable PATH.
DEBUG: Appending value "/opt/glite/share/man" to environment variable MANPATH.
DEBUG: Appending value "/opt/lcg/man" to environment variable MANPATH.
DEBUG: Appending value "/opt/lcg/share/man" to environment variable MANPATH.
DEBUG: Appending value "/opt/edg/share/man" to environment variable MANPATH.
DEBUG: Appending value "/opt/glite/yaim/man" to environment variable MANPATH.
DEBUG: Sourcing node definition file: /opt/glite/yaim/bin/./node-info.d/glite-creamce
DEBUG: Sourcing node definition file: /opt/glite/yaim/bin/./node-info.d/glite-torque_server
DEBUG: Sourcing node definition file: /opt/glite/yaim/bin/./node-info.d/glite-torque_utils
INFO: Executing function: config_cream_stop_check
INFO: Executing function: config_cream_clean_check
DEBUG: No required variables.
INFO: Executing function: config_cream_db_check
INFO: Executing function: config_add_pool_env_check
DEBUG: Skipping function: config_ldconf_check because it is not defined
DEBUG: Skipping function: config_sysconfig_edg_check because it is not defined
INFO: Executing function: config_host_certs_check
DEBUG: Skipping function: config_crl_check because it is not defined
INFO: Executing function: config_vomsdir_check
INFO: Executing function: config_vomses_check
INFO: Executing function: config_users_check
INFO: Executing function: config_edgusers_check
INFO: Executing function: config_cream_glexec_user_check
INFO: Executing function: config_cream_tomcat_user_check
INFO: Executing function: config_vomsmap_check
INFO: Executing function: config_globus_clients_check
INFO: Executing function: config_rgma_client_check
INFO: Executing function: config_lcas_lcmapi_gt4_check
INFO: Executing function: config_globus_gridftp_check
INFO: Executing function: config_cream_glexec_check
INFO: Executing function: config_cream_blah_check
INFO: Executing function: config_cream_trustmanager_check
DEBUG: No required variables.
INFO: Executing function: config_cream_ce_check
INFO: Executing function: config_bdii_only_check
DEBUG: Skipping function: config_gip_only_check because it is not defined
INFO: Executing function: config_cream_gip_check
INFO: Executing function: config_gip_scheduler_plugin_check
DEBUG: Skipping function: config_gip_software_plugin_check because it is not defined
INFO: Executing function: config_gip_vo_tag_check
DEBUG: Skipping function: config_gip_service_release_check because it is not defined
INFO: Executing function: config_info_service_cream_ce_check
INFO: Executing function: config_info_service_cemon_check
INFO: Executing function: config_cream_cemon_check
INFO: Executing function: config_glite_locallogger_check
DEBUG: Skipping function: config_glite_initd_check because it is not defined
INFO: Executing function: config_torque_server_check
INFO: Executing function: config_maui_cfg_check
INFO: Executing function: config_apel_pbs_check
DEBUG: The function: config_apel_pbs_check hasn't been executed, because not defined. It is OK
t worry.
INFO: Executing function: config_gip_sched_plugin_pbs_check
INFO: Executing function: config_torque_submitter_ssh_check
INFO: Executing function: config_cream_stop_setenv
DEBUG: No environment variables to set.
INFO: Executing function: config_cream_stop
INFO: blah not running
INFO: tomcat not running
INFO: blah not running
INFO: Stopping lb processes
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ... done
INFO: Executing function: config_cream_clean_setenv
DEBUG: Setting environment variable CATALINA_HOME, to value "/var/lib/tomcat5".
INFO: Executing function: config_cream_clean
```

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```
INFO: Executing function: config_cream_db_setenv
DEBUG: No environment variables to set.
INFO: Executing function: config_cream_db
INFO: Executing function: config_add_pool_env_setenv
DEBUG: Currently this function doesn't set any environment variables.
INFO: Executing function: config_add_pool_env
DEBUG: Creating links for the grid environment in /etc/profile.d/
DEBUG: Skipping function: config_ldconf_setenv because it is not defined
INFO: Executing function: config_ldconf
DEBUG: Skipping function: config_sysconfig_edg_setenv because it is not defined
INFO: Executing function: config_sysconfig_edg
DEBUG: Skipping function: config_host_certs_setenv because it is not defined
INFO: Executing function: config_host_certs
DEBUG: Skipping function: config_crl_setenv because it is not defined
INFO: Executing function: config_crl
INFO: Now updating the CRLs - this may take a few minutes...
INFO: Executing function: config_vomsdir_setenv
DEBUG: This function currently doesn't set any environment variables.
INFO: Executing function: config_vomsdir
DEBUG: .lsc file configuration for VO atlas...
DEBUG: Create the /etc/grid-security/vomsdir/atlas directory
DEBUG: Create the /etc/grid-security/vomsdir/atlas/lcg-voms.cern.ch.lsc
... snip certificates
DEBUG: Skipping function: config_vomses_setenv because it is not defined
INFO: Executing function: config_vomses
DEBUG: Skipping function: config_users_setenv because it is not defined
INFO: Executing function: config_users
DEBUG: Group 'alice' with gid '1395' for user 'alice001' succesfully created.
... snip Group / User setup
DEBUG: Skipping function: config_edgusers_setenv because it is not defined
INFO: Executing function: config_edgusers
DEBUG: Creating user dpmmgr...
DEBUG: Skipping user dpmmgr because we are not configuring a DPM
DEBUG: Creating user lfcmgr...
DEBUG: Skipping user lfcmgr because we are not configuring a LFC
DEBUG: Creating user edguser...
DEBUG: Skipping user edguser since it already exists...
DEBUG: Creating user edginfo...
DEBUG: User edginfo doesn't exist
DEBUG: YAIM is going to add user edginfo
DEBUG: HOME directory ${EDGINFO_HOME_DIR} is specified for the user
DEBUG: Checking whether the group edginfo infosys for user edginfo already exist...
DEBUG: Group edginfo added
DEBUG: Group infosys added
DEBUG: User edginfo added
DEBUG: Creating user rgma...
DEBUG: User rgma doesn't exist
DEBUG: YAIM is going to add user rgma
DEBUG: HOME directory ${INSTALL_ROOT}/glite/etc/rgma is specified for the user
DEBUG: Checking whether the group rgma infosys for user rgma already exist...
DEBUG: Group rgma added
DEBUG: Group infosys added
DEBUG: User rgma added
DEBUG: Creating user glite...
DEBUG: User glite doesn't exist
DEBUG: YAIM is going to add user glite
DEBUG: HOME directory ${GLITE_HOME_DIR} is specified for the user
DEBUG: Checking whether the group glite for user glite already exist...
DEBUG: Group glite added
DEBUG: User glite added
DEBUG: Creating user edguser...
DEBUG: Skipping user edguser since it already exists...
INFO: Executing function: config_cream_glexec_user_setenv
DEBUG: No environment variables to set.
INFO: Executing function: config_cream_glexec_user
INFO: CONFIG_USERS is set to yes
INFO: Creating group glexec
```

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```
INFO: Creating user glxec
INFO: Executing function: config_cream_tomcat_user_setenv
DEBUG: No environment variables to set.
INFO: Executing function: config_cream_tomcat_user
DEBUG: CONFIG_USERS = yes
INFO: CONFIG_USERS is set to 'yes'.
INFO: Adding tomcat user to group atlas
INFO: Adding tomcat user to group atlasprd
INFO: Adding tomcat user to group atlssgm
INFO: Adding tomcat user to group alice
INFO: Adding tomcat user to group aliceprd
INFO: Adding tomcat user to group alicesgm
INFO: Adding tomcat user to group lhcb
INFO: Adding tomcat user to group lhcbprd
INFO: Adding tomcat user to group lhcbsgm
INFO: Adding tomcat user to group cms
INFO: Adding tomcat user to group cmsprd
INFO: Adding tomcat user to group cmssgm
INFO: Adding tomcat user to group dteam
INFO: Adding tomcat user to group dteamprd
INFO: Adding tomcat user to group dteamsgm
INFO: Adding tomcat user to group ops
INFO: Adding tomcat user to group opssgm
INFO: Adding tomcat user to group ogvt
INFO: Executing function: config_vomsmap_setenv
DEBUG: Setting environment variable GRIDMAPDIR, to value "/etc/grid-security/gridmapdir".
INFO: Executing function: config_vomsmap
INFO: Creating grid-map directory in /etc/grid-security/gridmapdir
INFO: Creating voms grid-map file in /etc/grid-security/voms-grid-mapfile
INFO: Creating voms groupmap file in /etc/grid-security/groupmapfile
DEBUG: **** VO ATLAS ****
DEBUG: create gridmapdir files
DEBUG: **** VO ALICE ****
DEBUG: create gridmapdir files
DEBUG: **** VO LHCb ****
DEBUG: create gridmapdir files
DEBUG: **** VO CMS ****
DEBUG: create gridmapdir files
DEBUG: **** VO DTEAM ****
DEBUG: create gridmapdir files
DEBUG: **** VO OPS ****
DEBUG: create gridmapdir files
DEBUG: **** VO ORG.GLITE.VOMS-TEST ****
DEBUG: create gridmapdir files
INFO: Copying the /etc/grid-security/voms-grid-mapfile in the standard location /etc/grid-security/voms-grid-mapfile
INFO: Executing function: config_globus_clients_setenv
DEBUG: Setting environment variable GLOBUS_LOCATION, to value "/opt/globus".
DEBUG: Setting environment variable GLOBUS_TCP_PORT_RANGE, to value "20000 25000".
DEBUG: Appending value "/opt/globus/lib" to environment variable LD_LIBRARY_PATH.
DEBUG: Appending value "/opt/globus/bin" to environment variable PATH.
DEBUG: Appending value "/opt/globus/man" to environment variable MANPATH.
DEBUG: Appending value "/opt/gpt/lib/perl" to environment variable PERL5LIB.
DEBUG: Setting environment variable GT_PROXY_MODE, to value "old".
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_rgma_client_setenv
INFO: Executing function: config_rgma_client
INFO: YAIM has detected the OS is SL5. The rgma client is no longer configured in SL5.
```

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```
INFO: Executing function: config_lcas_lcmmaps_gt4_setenv
DEBUG: Setting environment variable X509_VOMS_DIR, to value "/etc/grid-security/vomsdir/".
DEBUG: Setting environment variable X509_CERT_DIR, to value "/etc/grid-security/certificates/".
DEBUG: Setting environment variable LCMAPS_LOG_LEVEL, to value "1".
DEBUG: Setting environment variable LCMAPS_DEBUG_LEVEL, to value "0".
DEBUG: Setting environment variable LCAS_LOG_LEVEL, to value "1".
DEBUG: Setting environment variable LCAS_DEBUG_LEVEL, to value "0".
INFO: Executing function: config_lcas_lcmmaps_gt4
DEBUG: Creating GSI authorization file in /etc/grid-security/gsi-authz.conf
Error: Interface doesn't exist at '/opt/glite/lib/liblcas_lcmmaps_gt4_mapping.so'.
Error: Please search for 'liblcas_lcmmaps_gt4_mapping.so' and link it to 'liblcas_lcmmaps_gt4_mappi
2.so' and adjust the '/etc/grid-security/gsi-authz.conf' accordingly
DEBUG: Creating and setting permissions in /opt/glite/etc/lcas
INFO: Creating LCAS_DB_FILE in /opt/glite/etc/lcas/lcas.db
DEBUG: Creating an empty BANNED_DB_FILE in /opt/glite/etc/lcas/ban_users.db
DEBUG: Creating and setting permissions in /opt/glite/etc/lcmmaps
INFO: Creating LCMAPS_DB_FILE in /opt/glite/etc/lcmmaps/lcmmaps.db
INFO: Executing function: config_globus_gridftp_setenv
DEBUG: Setting environment variable GLOBUS_LOCATION, to value "/opt/globus".
DEBUG: Setting environment variable GLOBUS_TCP_PORT_RANGE, to value "20000 25000".
DEBUG: Appending value "/opt/globus/lib" to environment variable LD_LIBRARY_PATH.
DEBUG: Appending value "/opt/globus/bin" to environment variable PATH.
INFO: Executing function: config_globus_gridftp
DEBUG: Set up maximum number of connections
INFO: Starting gridftp service :
Shutting down globus-gridftp-server: ESC[60G[ESC[0;31mFAILEDESC[0;39m]
Starting globus-gridftp-serverESC[60G[ESC[0;32m OK ESC[0;39m]
INFO: Executing function: config_cream_glexec_setenv
DEBUG: No enviroment variables to set.
INFO: Executing function: config_cream_glexec
DEBUG: OS_ARCH = 64BIT
DEBUG: moddir = /opt/glite/lib64/modules
DEBUG: BATCH_SYS=pbs
INFO: Executing function: config_cream_blah_setenv
DEBUG: No enviroment variables to set.
INFO: Executing function: config_cream_blah
INFO: Executing function: config_cream_trustmanager_setenv
DEBUG: No enviroment variables to set.
INFO: Executing function: config_cream_trustmanager
Info: using default install root: /opt/glite
Info: using default configuration file: /opt/glite/etc/glite-security-trustmanager/config.properties
Info: using default configuration directory: /opt/glite/etc/glite-security-trustmanager
Info: you can clean up using the following commands
mv -f /etc/tomcat5/server.xml.old-glite /etc/tomcat5/server.xml
rm -f /usr/share/tomcat5/server/lib/bcprov*.jar
rm -f /usr/share/tomcat5/server/lib/log4j*.jar
rm -f /usr/share/tomcat5/server/lib/glite-security-*.jar
rm -f /etc/tomcat5/log4j-trustmanager.properties
rm -f /opt/glite/etc/glite-security-trustmanager/server.xml
INFO: Executing function: config_cream_ce_setenv
DEBUG: Setting environment variable CATALINA_HOME, to value "/var/lib/tomcat5".
DEBUG: Setting environment variable EDG_LOCATION_VAR, to value "/opt/edg/var".
DEBUG: Setting environment variable EDG_TMP, to value "/tmp".
DEBUG: Appending value "/opt/edg/lib" to environment variable LD_LIBRARY_PATH.
DEBUG: Appending value "/usr/local/lib" to environment variable LD_LIBRARY_PATH.
INFO: Executing function: config_cream_ce
DEBUG: Directory found: alice
DEBUG: Directory found: atlas
DEBUG: Directory found: cms
DEBUG: Directory found: dteam
DEBUG: Directory found: lhcb
DEBUG: Directory found: ops
DEBUG: Directory found: org.glite.voms-test
Starting tomcat5: ESC[60G[ OK ]
DEBUG: Skipping function: config_bdii_only_setenv because it is not defined
INFO: Executing function: config_bdii_only
Stopping BDII: BDII Already StoppedESC[60G[ESC[0;32m OK ESC[0;39m]
```

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```
Starting SLAPD: ESC[60G[ESC[0;32m OK ESC[0;39m]
Starting update process: ESC[60G[ESC[0;32m OK ESC[0;39m]
  DEBUG: Skipping function: config_gip_only_setenv because it is not defined
  INFO: Executing function: config_gip_only
  INFO: Executing function: config_cream_gip_setenv
  DEBUG: This function currently doesn't set any environment variables.
  INFO: Executing function: config_cream_gip
  DEBUG: Creating Cluster ldif info in /opt/glite/etc/gip/ldif/static-file-Cluster.ldif
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.gl
ms-test/Role=lcgadmin
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> /org.
voms-test/Role=production
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.gl
ms-test/Role=lcgadmin
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> /org.
voms-test/Role=production
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.gl
ms-test/Role=lcgadmin
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> /org.
voms-test/Role=production
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.gl
ms-test/Role=lcgadmin  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE
voms-test/Role=production
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.gl
```

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```
ms-test/Role=lcgadmin
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> /org.
voms-test/Role=production
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.gl
ms-test/Role=lcgadmin
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> /org.
voms-test/Role=production
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.gl
ms-test/Role=lcgadmin
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> /org.
voms-test/Role=production
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.gl
ms-test/Role=lcgadmin
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> /org.
voms-test/Role=production
  DEBUG: Converted: alice --> alice
  DEBUG: Converted: atlas --> atlas
  DEBUG: Converted: cms --> cms
  DEBUG: Converted: dteam --> dteam
  DEBUG: Converted: lhcb --> lhcb
  DEBUG: Converted: ops --> ops
  DEBUG: Converted: org.glite.voms-test --> org.glite.voms-test
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.gl
ms-test/Role=lcgadmin
  DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> /org.
voms-test/Role=production
  DEBUG: Creating CE ldif info in /opt/glite/etc/gip/ldif/static-file-CE.ldif
  DEBUG: Creating CESEBind ldif info in /opt/glite/etc/gip/ldif/static-file-CESEBind.ldif
  INFO: Executing function: config_gip_scheduler_plugin_setenv
  DEBUG: This function currently doesn't set any environment variables.
  INFO: Executing function: config_gip_scheduler_plugin
  DEBUG: Converted: /VO=alice/GROUP=/alice/ROLE=lcgadmin --> /alice/Role=lcgadmin
  DEBUG: Converted: /VO=alice/GROUP=/alice/ROLE=production --> /alice/Role=production
  DEBUG: Converted: /VO=alice/GROUP=/alice --> /alice
  DEBUG: Converted: /VO=atlas/GROUP=/atlas/ROLE=lcgadmin --> /atlas/Role=lcgadmin
  DEBUG: Converted: /VO=atlas/GROUP=/atlas/ROLE=production --> /atlas/Role=production
  DEBUG: Converted: /VO=atlas/GROUP=/atlas --> /atlas
  DEBUG: Converted: /VO=cms/GROUP=/cms/ROLE=lcgadmin --> /cms/Role=lcgadmin
  DEBUG: Converted: /VO=cms/GROUP=/cms/ROLE=production --> /cms/Role=production
  DEBUG: Converted: /VO=cms/GROUP=/cms/HeavyIons --> /cms/HeavyIons
  DEBUG: Converted: /VO=cms/GROUP=/cms/Higgs --> /cms/Higgs
  DEBUG: Converted: /VO=cms/GROUP=/cms/StandardModel --> /cms/StandardModel
  DEBUG: Converted: /VO=cms/GROUP=/cms/Susy --> /cms/Susy
  DEBUG: Converted: /VO=cms/GROUP=/cms --> /cms
  DEBUG: Converted: /VO=lhcb/GROUP=/lhcb/ROLE=lcgadmin --> /lhcb/Role=lcgadmin
  DEBUG: Converted: /VO=lhcb/GROUP=/lhcb/ROLE=production --> /lhcb/Role=production
  DEBUG: Converted: /VO=lhcb/GROUP=/lhcb --> /lhcb
```



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```
DEBUG: Converted: /VO=dteam/GROUP=/dteam/ROLE=lcgadmin --> /dteam/Role=lcgadmin
DEBUG: Converted: /VO=dteam/GROUP=/dteam/ROLE=production --> /dteam/Role=production
DEBUG: Converted: /VO=dteam/GROUP=/dteam --> /dteam
DEBUG: Converted: /VO=biomed/GROUP=/biomed/ROLE=lcgadmin --> /biomed/Role=lcgadmin
DEBUG: Converted: /VO=biomed/GROUP=/biomed/ROLE=production --> /biomed/Role=production
DEBUG: Converted: /VO=biomed/GROUP=/biomed --> /biomed
DEBUG: Converted: /VO=ops/GROUP=/ops/ROLE=lcgadmin --> /ops/Role=lcgadmin
DEBUG: Converted: /VO=ops/GROUP=/ops --> /ops
DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> /org.glite.voms-test/Role=lcgadmin
DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> /org.glite.voms-test/Role=production
DEBUG: Converted: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test --> /org.glite.voms-test
DEBUG: Skipping function: config_gip_software_plugin_setenv because it is not defined
INFO: Executing function: config_gip_software_plugin
DEBUG: Skipping function: config_gip_vo_tag_setenv because it is not defined
INFO: Executing function: config_gip_vo_tag
DEBUG: Creating subcluster VO tag directory for cluster vtb-generic-104.cern.ch
DEBUG: Creating subcluster VO tag directory for subcluster vtb-generic-104.cern.ch
DEBUG: Creating subcluster VO tag directory for VO atlas
DEBUG: atlas, atlassgm
DEBUG: Adding grop writeability of files in /opt/glite/var/info/vtb-generic-104.cern.ch/atlas,
DEBUG: Creating subcluster VO tag directory for VO alice
DEBUG: alice, alicesgm
DEBUG: Adding grop writeability of files in /opt/glite/var/info/vtb-generic-104.cern.ch/alice,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: Creating subcluster VO tag directory for VO lhcb
DEBUG: lhcb, lhcbsgm
DEBUG: Adding grop writeability of files in /opt/glite/var/info/vtb-generic-104.cern.ch/lhcb,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: Creating subcluster VO tag directory for VO cms
DEBUG: cms, cmssgm
DEBUG: Adding grop writeability of files in /opt/glite/var/info/vtb-generic-104.cern.ch/cms,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: Creating subcluster VO tag directory for VO dteam
DEBUG: dteam, dteamsgm
DEBUG: Adding grop writeability of files in /opt/glite/var/info/vtb-generic-104.cern.ch/dteam,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: Creating subcluster VO tag directory for VO ops
DEBUG: ops, opssgm
DEBUG: Adding grop writeability of files in /opt/glite/var/info/vtb-generic-104.cern.ch/ops,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: Creating subcluster VO tag directory for VO org.glite.voms-test
DEBUG: ogvt, ogvt
DEBUG: Removing grop writeability of files in /opt/glite/var/info/vtb-generic-104.cern.ch/org.glite.voms-test,
DEBUG: sgm's primary group is equal to pool account's primary group.
DEBUG: Creating VO tag directories
DEBUG: atlas, atlassgm
DEBUG: Adding grop writeability of files in /opt/edg/var/info/atlas,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: alice, alicesgm
DEBUG: Adding grop writeability of files in /opt/edg/var/info/alice,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: lhcb, lhcbsgm
DEBUG: Adding grop writeability of files in /opt/edg/var/info/lhcb,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: cms, cmssgm
DEBUG: Adding grop writeability of files in /opt/edg/var/info/cms,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: dteam, dteamsgm
DEBUG: Adding grop writeability of files in /opt/edg/var/info/dteam,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: ops, opssgm
DEBUG: Adding grop writeability of files in /opt/edg/var/info/ops,
DEBUG: sgm's primary group is different to pool account's primary group.
DEBUG: ogvt, ogvt
```

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```
DEBUG: Removing group writeability of files in /opt/edg/var/info/org.glite.voms-test,
DEBUG: sgm's primary group is equal to pool account's primary group.
DEBUG: Skipping function: config_gip_service_release_setenv because it is not defined
INFO: Executing function: config_gip_service_release
INFO: Executing function: config_info_service_cream_ce_setenv
DEBUG: This function currently doesn't set any environment variables.
INFO: Executing function: config_info_service_cream_ce
DEBUG: Delete a previous version of the glite-info-service-cream.conf if it exists
DEBUG: Create the glite-info-service-cream.conf file out of the template file
DEBUG: Delete a previous version of the glite-info-provider-service-cream-wrapper if it exists
DEBUG: Create the /opt/glite/etc/gip/provider in case it doesn't exist
DEBUG: Create the glite-info-provider-service-cream-wrapper file
INFO: Executing function: config_info_service_cemon_setenv
DEBUG: This function currently doesn't set any environment variables.
INFO: Executing function: config_info_service_cemon
DEBUG: Delete a previous version of the glite-info-service-cemon.conf if it exists
DEBUG: Create the glite-info-service-cemon.conf file out of the template file
DEBUG: Delete a previous version of the glite-info-provider-service-cemon-wrapper if it exists
DEBUG: Create the /opt/glite/etc/gip/provider in case it doesn't exist
DEBUG: Create the glite-info-provider-service-cemon-wrapper file
INFO: Executing function: config_cream_cemon_setenv
DEBUG: No environment variables to set.
INFO: Executing function: config_cream_cemon
INFO: Executing function: config_glite_locallogger_setenv
DEBUG: Setting environment variable GLITE_USER, to value "glite".
DEBUG: Setting environment variable GLITE_HOST_CERT, to value "/home/glite/.certs/hostcert.pem"
DEBUG: Setting environment variable GLITE_HOST_KEY, to value "/home/glite/.certs/hostkey.pem".
DEBUG: Setting environment variable X509_CERT_DIR, to value "/etc/grid-security/certificates/"
DEBUG: Appending value "/opt/c-ares/lib" to environment variable LD_LIBRARY_PATH.
DEBUG: Appending value "/opt/classads/lib64" to environment variable LD_LIBRARY_PATH.
INFO: Executing function: config_glite_locallogger
INFO: Applying the workaround for bug 22389...
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ... done
Starting glite-lb-logd ...This is LocalLogger, part of Workload Management System in EU DataGrid
.
done
Starting glite-lb-interlogd ... done
DEBUG: Skipping function: config_glite_initd_setenv because it is not defined
INFO: Executing function: config_glite_initd
INFO: Executing function: config_torque_server_setenv
DEBUG: Setting environment variable GLITE_LOCATION, to value "/opt/glite".
INFO: Executing function: config_torque_server
INFO: Re-starting the torque server
Shutting down TORQUE Server: ESC[60G[ESC[0;31mFAILEDESC[0;39m]
Starting TORQUE Server: ESC[60G[ESC[0;32m OK ESC[0;39m]
DEBUG: Creating queue: atlas
Max open servers: 4
DEBUG: Creating queue: alice
Max open servers: 4
DEBUG: Creating queue: lhcb
Max open servers: 4
DEBUG: Creating queue: cms
Max open servers: 4
DEBUG: Creating queue: dteam
Max open servers: 4
DEBUG: Creating queue: ops
Max open servers: 4
DEBUG: Creating queue: org.glite.voms-test
Max open servers: 4
Max open servers: 4
Max open servers: 4
DEBUG: Mapping: atlas --> atlas
DEBUG: Adding acl_groups += atlas to queue atlas.
Max open servers: 4
DEBUG: Mapping: alice --> alice
DEBUG: Adding acl_groups += alice to queue alice.
```

```

Max open servers: 4
  DEBUG: Mapping: lhcb --> lhcb
  DEBUG: Adding acl_groups += lhcb to queue lhcb.
Max open servers: 4
  DEBUG: Mapping: cms --> cms
  DEBUG: Adding acl_groups += cms to queue cms.
Max open servers: 4
  DEBUG: Mapping: dteam --> dteam
  DEBUG: Adding acl_groups += dteam to queue dteam.
Max open servers: 4
  DEBUG: Mapping: ops --> ops
  DEBUG: Adding acl_groups += ops to queue ops.
Max open servers: 4
  DEBUG: Mapping: org.glite.voms-test --> ogvt
  DEBUG: Adding acl_groups += ogvt to queue org.glite.voms-test.
  DEBUG: Mapping: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=lcgadmin --> ogvt
  DEBUG: Adding acl_groups += ogvt to queue org.glite.voms-test.
  DEBUG: Mapping: /VO=org.glite.voms-test/GROUP=/org.glite.voms-test/ROLE=production --> ogvt
  DEBUG: Adding acl_groups += ogvt to queue org.glite.voms-test.
Shutting down TORQUE Server: ESC[60G[ESC[0;32m OK ESC[0;39m]
Starting TORQUE Server: ESC[60G[ESC[0;32m OK ESC[0;39m]
  INFO: Executing function: config_maui_cfg_setenv
  DEBUG: Currently this function doesn't set any environment variables.
  INFO: Executing function: config_maui_cfg
creamCE TORQUE_server TORQUE_utils
MAUI is already stopped: ESC[60G[ESC[0;32m OK ESC[0;39m]
Starting MAUI Scheduler: ESC[60G[ESC[0;32m OK ESC[0;39m]
  INFO: Executing function: config_apel_pbs_setenv
  DEBUG: This function currently doesn't set any environment variables.
  INFO: Executing function: config_apel_pbs
  DEBUG: Creating APEL parser configuration in /opt/glite/etc/glite-apel-pbs/parser-config.xml
  DEBUG: Creating workaround for bug #29510
  INFO: Executing function: config_gip_sched_plugin_pbs_setenv
  DEBUG: This function currently doesn't set any environment variables.
  INFO: Executing function: config_gip_sched_plugin_pbs
  DEBUG: Skipping function: config_torque_submitter_ssh_setenv because it is not defined
  INFO: Executing function: config_torque_submitter_ssh
Reloading sshd: ESC[60G[ESC[0;32m OK ESC[0;39m]
ESC[80G[ ESC[1;32mOKESC[0;39m ]^M INFO: Configuration Complete.
  INFO: YAIM terminated succesfully.

```

## General Tests

Ran a freshly checked out version of the testsuite - CREAM/CREAM-cli -- not a good start:

```

aelwell@vtb-generic-102 CREAM-cli]$ ./runtest.sh
--> ++++++
--> + Test of CREAM-CE command line interface +
--> ++++++
--> Test starts at: 16:41:30
-->
--> [ 16:41:30 ] run: ./CREAM-cli-delegation.sh
-->
--> === TEST PASSED ===
-->
-->
--> [ 16:41:37 ] run: ./CREAM-cli-delegation-renew.sh
-->
--> === TEST PASSED ===
-->
-->
--> [ 16:41:43 ] run: ./CREAM-cli-job-submit.sh
--> Command FAILED
--> >>> TEST NOT PASSED <<< -->
--> [ 16:41:45 ] run: ./CREAM-cli-job-status-simple.sh

```

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```
--> Command FAILED
--> >>> TEST NOT PASSED <<< -->
--> [ 16:41:47 ] run: ./CREAM-cli-job-cancel.sh
--> Command FAILED
--> >>> TEST NOT PASSED <<< -->
--> [ 16:41:52 ] run: ./CREAM-cli-job-suspend.sh
--> Command FAILED
--> >>> TEST NOT PASSED <<< -->
--> [ 16:41:53 ] run: ./CREAM-cli-job-resume.sh
--> Command FAILED
--> >>> TEST NOT PASSED <<< -->
--> [ 16:41:54 ] run: ./CREAM-cli-job-purge.sh
--> Command FAILED
--> >>> TEST NOT PASSED <<< -->
--> [ 16:41:56 ] run: ./CREAM-cli-job-list.sh
--> Command FAILED
--> >>> TEST NOT PASSED <<< -->
--> [ 16:41:57 ] run: ./CREAM-cli-submission-management.sh
-->
--> === TEST PASSED ===
-->
-->
--> [ 16:41:58 ] run: ./CREAM-cli-get-cemon-url.sh
-->
--> === TEST PASSED ===
-->
--> !!! 7 test(s) failed !!!
--> cleaning up /tmp/cream-cli-test-aelwell-13399 ...
```

Running the job-submit alone gives the following error:

```
--> *** TEST NOT PASSED ***
--> *** Failure reason: Command failed: 2009-07-10 16:46:02,320 WARN - No configuration file su
-->
```

Turns out blparser isn't running...

trying to start by hand goes wrong:

```
[root@vtb-generic-104 CREAM-service]# /opt/glite/etc/init.d/glite-ce-blparser status
blparser_master is stopped
[root@vtb-generic-104 CREAM-service]# /opt/glite/etc/init.d/glite-ce-blparser start
Starting blparser_master: /bin/bash: line 1: 15091 Segmentation fault          /opt/glite/bin/blparse
[FAILED]
```

even caling the binary by hand:

```
root@vtb-generic-104 CREAM-service]# /opt/glite/bin/blparser_master
Segmentation fault
```

No core file generated (bah) so included strace: Show strace Hide

```
[root@vtb-generic-104 CREAM-service]# strace /opt/glite/bin/blparser_master
execve("/opt/glite/bin/blparser_master", ["/opt/glite/bin/blparser_master"], [/* 47 vars */]) = 0
brk(0) = 0xf088000
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x2af0f50ec000
uname({sys="Linux", node="vtb-generic-104.cern.ch", ...}) = 0
access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)
open("/opt/c-ares/lib/tls/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directo
stat("/opt/c-ares/lib/tls/x86_64", 0x7fffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/c-ares/lib/tls/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/c-ares/lib/tls", 0x7fffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/c-ares/lib/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/c-ares/lib/x86_64", 0x7fffb59bb640) = -1 ENOENT (No such file or directory)
```

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```
open("/opt/c-ares/lib/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/c-ares/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...}) = 0
open("/opt/classads/lib64/tls/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/classads/lib64/tls/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/classads/lib64/tls/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/classads/lib64/tls", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/classads/lib64/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/classads/lib64/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/classads/lib64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/classads/lib64", {st_mode=S_IFDIR|0755, st_size=4096, ...}) = 0
open("/opt/glite/lib/tls/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/glite/lib/tls/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/glite/lib/tls/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/glite/lib/tls", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/glite/lib/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/glite/lib/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/glite/lib/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/glite/lib", {st_mode=S_IFDIR|0755, st_size=12288, ...}) = 0
open("/opt/glite/lib64/tls/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/glite/lib64/tls/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/glite/lib64/tls/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/glite/lib64/tls", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/glite/lib64/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/glite/lib64/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/glite/lib64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/glite/lib64", {st_mode=S_IFDIR|0755, st_size=4096, ...}) = 0
open("/opt/globus/lib/tls/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/globus/lib/tls/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/globus/lib/tls/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/globus/lib/tls", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/globus/lib/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/globus/lib/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/globus/lib/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/globus/lib", {st_mode=S_IFDIR|0755, st_size=36864, ...}) = 0
open("/opt/lcg/lib/tls/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/lcg/lib/tls/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/lcg/lib/tls/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/lcg/lib/tls", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/lcg/lib/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/lcg/lib/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/lcg/lib/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/lcg/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...}) = 0
open("/usr/local/lib/tls/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/usr/local/lib/tls/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/usr/local/lib/tls/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/usr/local/lib/tls", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/usr/local/lib/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/usr/local/lib/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/usr/local/lib/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/usr/local/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...}) = 0
open("/opt/edg/lib/tls/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/edg/lib/tls/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/edg/lib/tls/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/edg/lib/tls", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/edg/lib/x86_64/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/edg/lib/x86_64", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/opt/edg/lib/libpthread.so.0", O_RDONLY) = -1 ENOENT (No such file or directory)
stat("/opt/edg/lib", 0x7ffffb59bb640) = -1 ENOENT (No such file or directory)
open("/etc/ld.so.cache", O_RDONLY) = 3
fstat(3, {st_mode=S_IFREG|0644, st_size=105819, ...}) = 0
mmap(NULL, 105819, PROT_READ, MAP_PRIVATE, 3, 0) = 0x2af0f50ed000
close(3) = 0
open("/lib64/libpthread.so.0", O_RDONLY) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\200W\200\2050\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0755, st_size=145592, ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x2af0f5107000
mmap(0x3085800000, 2204528, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x3085800000
```

```

mprotect(0x3085816000, 2093056, PROT_NONE) = 0
mmap(0x3085a15000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x15000) =
mmap(0x3085a17000, 13168, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x3
close(3)
= 0
open("/opt/c-ares/lib/libc.so.6", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/opt/classads/lib64/libc.so.6", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/opt/glite/lib/libc.so.6", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/opt/glite/lib64/libc.so.6", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/opt/globus/lib/libc.so.6", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/opt/lcg/lib/libc.so.6", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/usr/local/lib/libc.so.6", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/lib64/libc.so.6", O_RDONLY)
= 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0p\332\301\2040\0\0\0"... , 832) = 832
fstat(3, {st_mode=S_IFREG|0755, st_size=1713160, ...}) = 0
mmap(0x3084c00000, 3494168, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x3084c00000
mprotect(0x3084d4c000, 2097152, PROT_NONE) = 0
mmap(0x3084f4c000, 20480, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x14c000)
mmap(0x3084f51000, 16664, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x3
close(3)
= 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x2af0f5108000
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x2af0f5109000
arch_prctl(ARCH_SET_FS, 0x2af0f5108890) = 0
mprotect(0x3084f4c000, 16384, PROT_READ) = 0
mprotect(0x3085a15000, 4096, PROT_READ) = 0
mprotect(0x3084a1b000, 4096, PROT_READ) = 0
munmap(0x2af0f50ed000, 105819) = 0
set_tid_address(0x2af0f5108920) = 15307
set_robust_list(0x2af0f5108930, 0x18) = 0
futex(0x7ffffb59bc16c, FUTEX_WAKE_PRIVATE, 1) = 0
rt_sigaction(SIGRTMIN, {0x3085805370, [], SA_RESTORER|SA_SIGINFO, 0x308580e4c0}, NULL, 8) = 0
rt_sigaction(SIGRT_1, {0x30858052b0, [], SA_RESTORER|SA_RESTART|SA_SIGINFO, 0x308580e4c0}, NULL,
rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0
getrlimit(RLIMIT_STACK, {rlim_cur=10240*1024, rlim_max=RLIM_INFINITY}) = 0
brk(0)
= 0xf088000
brk(0xf0a9000)
= 0xf0a9000
pipe([3, 4])
= 0
clone(child_stack=0, flags=CLONE_CHILD_CLEARTID|CLONE_CHILD_SETTID|SIGCHLD, child_tidptr=0x2af0f5
close(4)
= 0
fstat(3, {st_mode=S_IFIFO|0600, st_size=0, ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x2af0f50ed000
read(3, "BASH=/bin/sh\n", 4096)
= 13
read(3, "BASH_ARGC=( )\nBASH_ARGV=( )\nBASH_E"... , 4096) = 1032
read(3, "GLITE_CE_USE_BLPARSERLSF=no\nGLIT"... , 4096) = 2032
read(3, "UID=0\nUSER=root\nX509_CERT_DIR=/e"... , 4096) = 136
--- SIGCHLD (Child exited) @ 0 (0) ---
read(3, "", 4096)
= 0
close(3)
= 0
wait4(15308, [{WIFEXITED(s) && WEXITSTATUS(s) == 0}], 0, NULL) = 15308
munmap(0x2af0f50ed000, 4096)
= 0
--- SIGSEGV (Segmentation fault) @ 0 (0) ---
+++ killed by SIGSEGV +++

```

\* a copy and paste of the output observed when the running the certification test suite component, when available \* a copy and paste of the output observed when the running the regression tests test suite component, when available \* a short description of any manual tests performed and their results (copy and paste of the commands or a screenshot will do)

## Specific Bugs

\* if you do not plan to reproduce it nor test it, describe with a sentence why \* if you plan to reproduce it, then you should cover o if applicable, the steps you did to reproduce the conditions in which the bug was experienced o the tests done o the outcome of your tests

This topic: EGEE > CertificationReportPatch3057

Topic revision: r3 - 2009-07-10 - AndrewElwell



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