

Table of Contents

Testing report: IGIRTC-56.....	1
Summary.....	1
Deployment tests.....	1
Clean Installation.....	1
Upgrade Installation.....	1
LSF CE.....	1
PBS CE.....	1
(S)GE CE.....	1
Unit Tests.....	1
System tests.....	1
Functionality tests.....	2
Test submission.....	2
BLParser test.....	3
Old BLParser.....	3
New BLParser.....	5
Regression tests.....	6
Verification attached bugs.....	6
Bug #89527: BLAHP produced -W stage(in/out) directives are incompatible with Torque 2.5.8 FIXED.....	6
Bug #91037: BUdaterLSF should use bjobs to detect final job state FIXED.....	6
Bug #92281: Purge of registry can cause registry corruption FIXED not certified.....	7
Bug #92774: BLParserLSF could crash searching in old logs FIXED not certified.....	7
Verification old bugs.....	7

Testing report: IGIRTC-56

Summary

- Product: **BLAH 1.16.5**
- Release Task: Task #27056
- ETICS Subsystem Configuration Name: **emi-cream-ce_R_1_13_8_2**
- VCS Tag: *emi-blahp_R_1_16_5_2, glite-yaim-cream-ce_R_4_2_4_1*
- EMI Major Release: **EMI 1 (Kebnekaise)**
- Platform: **SL5 epel**
- Author:
- Testing report:
- Certification report:
- Outcome: "Certified"

Deployment tests

Clean Installation

- Installation log file
- Configuration log file The first configuration attempt fails because pbs server does not start, it must be started manually and then re-configured.

Upgrade Installation

LSF CE

- Installation log file
- Configuration log file (using new BLParser model)
- Configuration log file (using old BLParser model)

PBS CE

- Installation log file
- Configuration log file (using new BLParser model)
- Configuration log file (using old BLParser model)

(S)GE CE

- Installation log file
- Configuration log file (using new BLParser model)

Unit Tests

Not Available. The plan is to provide some unit tests starting with EMI-2.

System tests

Functionality tests

Test submission

- Test result for LSF is available here **PASSED**
- Test result for PBS is available here **PASSED**
- Test result for SGE is available here **PASSED** with WARNING \The Job Cancel Test failed.
Anaklysis of problm: it is a delay in state detection by bnotifier, sending a job sleeping for 10min it finishes in DONE-OK:

```

cat test.jdl
[
executable="/bin/sleep" ;
arguments = "600";
stdoutoutput="out3.out";
stderrerror="err3.err";
]

$ glite-ce-job-submit -a -r emitestbed21.cnaf.infn.it:8443/cream-sge-emitesters -a /home/bertocco
https://emitestbed21.cnaf.infn.it:8443/CREAM499803862

$ glite-ce-job-cancel https://emitestbed21.cnaf.infn.it:8443/CREAM499803862

Are you sure you want to cancel specified job(s) [y/n]: y

$ glite-ce-job-status https://emitestbed21.cnaf.infn.it:8443/CREAM499803862

***** JobID=[https://emitestbed21.cnaf.infn.it:8443/CREAM499803862]
      Status      = [CANCELLED]
      ExitCode     = []
      Description  = [Cancelled by user]

```

Checking the batch system another strange thing: the job seems to remain in the batch system and finish regularly in 10min, after cancellation:

```

# qstat -u '*'
job-ID  prior   name       user          state submit/start at   queue
-----
      105 0.55500 cream_4998 tst22          r      03/27/2012 17:34:06 emitesters@emitestbed13.cnaf.i

# qstat -j 105
=====
job_number:                105
exec_file:                  job_scripts/105
submission_time:            Tue Mar 27 17:33:57 2012
owner:                       tst22
uid:                          61022
group:                       testers
gid:                          6100
sge_o_home:                  /home/tst22
sge_o_log_name:              tst22
sge_o_path:                  /opt/SGE/bin/linux-x64:/usr/bin:/bin
sge_o_shell:                 /bin/sh
sge_o_workdir:               /var/tmp
sge_o_host:                  emitestbed21
account:                     sge
mail_list:                   tst22@emitestbed21.cnaf.infn.it
notify:                      FALSE
job_name:                    cream_499803862
jobshare:                    0
hard_queue_list:             emitesters
shell_list:                  NONE:/bin/bash
env_list:                    SGE_stagein=CREAM499803862_jobWrapper.sh.61022.6563.1332862437@emites

```

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```
script_file: /tmp/cream_499803862
usage 1: cpu=00:00:00, mem=0.00448 GBs, io=0.00110, vmem=404.660M, maxvmem=404
scheduling info: queue instance "emitesters@emitestbed13.cnaf.infn.it" dropped because
```

```
# qacct -j 105
```

```
=====
qname      emitesters
hostname   emitestbed13.cnaf.infn.it
group      testers
owner      tst22
project    NONE
department defaultdepartment
jobname    cream_499803862
jobnumber  105
taskid     undefined
account    sge
priority   0
qsub_time  Tue Mar 27 17:33:57 2012
start_time Tue Mar 27 17:34:07 2012
end_time   Tue Mar 27 17:44:08 2012
granted_pe NONE
slots      1
failed     0
exit_status 0
ru_wallclock 601
ru_utime    0.615
ru_stime    0.578
ru_maxrss   2788
ru_ixrss    0
ru_ismrss   0
ru_idrss    0
ru_isrss    0
ru_minflt  43062
ru_majflt   0
ru_nswap    0
ru_inblock  0
ru_oublock  0
ru_msgsnd   0
ru_msgrcv   0
ru_nsignals 0
ru_nvcsw    270
ru_nivcsw   344
cpu         1.193
mem         0.004
io          0.001
iow         0.000
maxvmem     404.660M
arid        undefined
```

BLParser test

Old BLParser

• Test results for LSF PASSED

```
Tests.Check Notifications For Cancelled Jobs :: Test that notifications are...
```

```
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
```

```
-----
check_notifications_for_cancelled_jobs | PASS |
```

```
-----
Tests.Check Notifications For Cancelled Jobs :: Test that notifica... | PASS |
```

```
2 critical tests, 2 passed, 0 failed
```

```
2 tests total, 2 passed, 0 failed
```

```
=====
Tests.Check Notifications For Normally Finished Jobs :: Test that notificat...
```

Test submission

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```
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_normally_finished_jobs | PASS |
-----
Tests.Check Notifications For Normally Finished Jobs :: Test that ... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Tests.Check Notifications For Suspended Resumed Jobs :: Test that notificat...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_suspended_resumed_jobs | FAIL |
_error: Expected status should be in ['HELD'] for job https://cream-29.pd.infn.it:8443/CREAM70515
-----
Tests.Check Notifications For Suspended Resumed Jobs :: Test that ... | FAIL |
2 critical tests, 1 passed, 1 failed
2 tests total, 1 passed, 1 failed
=====
Tests | FAIL |
6 critical tests, 5 passed, 1 failed
6 tests total, 5 passed, 1 failed
=====
Output: /home/ale/blah/italiangrid-cream_blah_testsuites-09156c3_ver2/output.xml
Log: /home/ale/blah/italiangrid-cream_blah_testsuites-09156c3_ver2/log.html
Report: /home/ale/blah/italiangrid-cream_blah_testsuites-09156c3_ver2/report.html
```

• results for PBS PASSED

```
Tests.Check Notifications For Cancelled Jobs :: Test that notifications are...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_cancelled_jobs | PASS |
-----
Tests.Check Notifications For Cancelled Jobs :: Test that notifica... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Tests.Check Notifications For Normally Finished Jobs :: Test that notificat...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_normally_finished_jobs | PASS |
-----
Tests.Check Notifications For Normally Finished Jobs :: Test that ... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Tests.Check Notifications For Suspended Resumed Jobs :: Test that notificat...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_suspended_resumed_jobs | FAIL |
_error: Expected status should be in ['HELD'] for job https://cream-41.pd.infn.it:8443/CREAM32431
-----
Tests.Check Notifications For Suspended Resumed Jobs :: Test that ... | FAIL |
2 critical tests, 1 passed, 1 failed
2 tests total, 1 passed, 1 failed
=====
Tests | FAIL |
6 critical tests, 5 passed, 1 failed
6 tests total, 5 passed, 1 failed
=====
```

- Job which is suspended and then resumed
 - ◆ LSF **NOT PASSED** see Bug #90085
 - ◆ PBS **NOT PASSED** see Bug #90085

New BLParse

• **Test results for LSF PASSED**

```
Tests.Check Notifications For Cancelled Jobs :: Test that notifications are...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_cancelled_jobs | PASS |
-----
Tests.Check Notifications For Cancelled Jobs :: Test that notifica... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Tests.Check Notifications For Normally Finished Jobs :: Test that notificat...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_normally_finished_jobs | PASS |
-----
Tests.Check Notifications For Normally Finished Jobs :: Test that ... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Tests.Check Notifications For Suspended Resumed Jobs :: Test that notificat...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_suspended_resumed_jobs | PASS |
-----
Tests.Check Notifications For Suspended Resumed Jobs :: Test that ... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Tests | PASS |
6 critical tests, 6 passed, 0 failed
6 tests total, 6 passed, 0 failed
=====
```

• **Test results for PBS PASSED**

```
Tests.Check Notifications For Cancelled Jobs :: Test that notifications are...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_cancelled_jobs | PASS |
-----
Tests.Check Notifications For Cancelled Jobs :: Test that notifica... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Tests.Check Notifications For Normally Finished Jobs :: Test that notificat...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_normally_finished_jobs | PASS |
-----
Tests.Check Notifications For Normally Finished Jobs :: Test that ... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

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```
Tests.Check Notifications For Suspended Resumed Jobs :: Test that notificat...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_suspended_resumed_jobs | PASS |
-----
Tests.Check Notifications For Suspended Resumed Jobs :: Test that ... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Tests | PASS |
6 critical tests, 6 passed, 0 failed
6 tests total, 6 passed, 0 failed
=====
```

Regression tests

Verification attached bugs

Bug #89527: BLAHP produced -W stage(in/out) directives are incompatible with Torque 2.5.8 FIXED

Content of file to check here.

Bug #91037: BUpdaterLSF should use bjobs to detect final job state FIXED

- Change debug_level and restart the services:

```
[root@cream-29 ~]# sed -i 's/bupdater_debug_level=2/bupdater_debug_level=3/' /etc/blah.config
[root@cream-29 ~]# mv /var/log/cream/glite-ce-bupdater.log /var/log/cream/glite-ce-bupdater.log.o
[root@cream-29 ~]# service gLite restart
STOPPING SERVICES
*** glite-ce-blahparser:
Shutting down BNotifier: [ OK ]
Shutting down BUpdaterLSF: [ OK ]

*** glite-lb-locallogger:
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ... done

*** tomcat5:
Stopping tomcat5: [ OK ]

STARTING SERVICES
*** tomcat5:
Starting tomcat5: [ OK ]

*** glite-lb-locallogger:
Starting glite-lb-logd ...This is LocalLogger, part of Workload Management System in EU DataGrid
done
Starting glite-lb-interlogd ... done

*** glite-ce-blahparser:
Starting BNotifier: /usr/bin/BNotifier: Error creating and binding socket: Address already in use
[FAILED]
Starting BUpdaterLSF: [ OK ]
```

- Submit a job and wait for its completion:

```
[ale@cream-12 UI]$ glite-ce-job-submit -a -r cream-29.pd.infn.it:8443/cream-lsf-cert cream.jdl
https://cream-29.pd.infn.it:8443/CREAM239301025
[ale@cream-12 UI]$ glite-ce-job-status https://cream-29.pd.infn.it:8443/CREAM239301025

***** JobID=[https://cream-29.pd.infn.it:8443/CREAM239301025]
```

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```
Status      = [DONE-OK]
ExitCode    = [0]
```

```
[root@cream-29 ~]# grep 239301025 /var/log/cream/glite-ce-bnotifier.log
2012-03-22 17:05:36 Sent for Cream:[BatchJobId="622199"; JobStatus=4; ChangeTime="2012-03-22 17:0
```

- Verify if bhist has been called:

```
[root@cream-29 ~]# grep bhist /var/log/cream/glite-ce-bupdater.log
2012-03-22 17:00:43 /usr/bin/BUUpdaterLSF: key bupdater_use_bhist_time_constraint not found - using the
2012-03-22 17:00:43 /usr/bin/BUUpdaterLSF: key bupdater_use_bhist_for_killed not found - using the
2012-03-22 17:01:26 /usr/bin/BUUpdaterLSF: key bupdater_use_bhist_time_constraint not found - using the
2012-03-22 17:01:26 /usr/bin/BUUpdaterLSF: key bupdater_use_bhist_for_killed not found - using the
2012-03-22 17:03:54 /usr/bin/BUUpdaterLSF: key bupdater_use_bhist_time_constraint not found - using the
2012-03-22 17:03:54 /usr/bin/BUUpdaterLSF: key bupdater_use_bhist_for_killed not found - using the
2012-03-22 17:04:51 /usr/bin/BUUpdaterLSF: key bupdater_use_bhist_time_constraint not found - using the
2012-03-22 17:04:51 /usr/bin/BUUpdaterLSF: key bupdater_use_bhist_for_killed not found - using the
```

Bug #92281: Purge of registry can cause registry corruption FIXED not certified

It is not possible to replicate the problem sistematically.

Bug #92774: BLParserLSF could crash searching in old logs FIXED not certified

Using the old LSF BLParser it usually crashed, so the fact that the functional tests passed should be a good signal that the bug has been fixed.

Verification old bugs

- Bug #75854 Problems related to the growth of the blah registry)

Submitted 5000 jobs to a CREAM CE configured using the new blparser, and with job_registry_use_mmap=yes.

Monitored the used RSS of the blahpd processes. At the end the maximum value between all the process is **4560**.

Test PASSED

- Bug #77776 (BUUpdater should have an option to use cached batch system commands)

Configure /etc/blah.config:

```
[root@cream-29 ~]# tail -4 /etc/blah.config
# Verify fix for bug #77776
lsf_batch_caching_enabled=yes
batch_command_caching_filter=/usr/bin/runcmd.pl
```

Where runcmd.pl is:

```
#!/usr/bin/perl
#-----#
# PROGRAM:  argv.pl  #
#-----#

$numArgs = $#ARGV + 1;
open (MYFILE, '>>/tmp/xyz');
foreach $argnum (0 .. $#ARGV) {
    print MYFILE "$ARGV[$argnum] ";
}
}
```

Bug #91037: BUUpdaterLSF should use bjobs to detect final job state FIXED

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```
print MYFILE "\n";
close (MYFILE);
```

Restart the services and submit 10 jobs to the CE.

```
[root@cream-29 cream]# cat /tmp/xyz
/opt/lsf/7.0/linux2.6-glibc2.3-x86_64/bin/bjobs -u all -l -a
/opt/lsf/7.0/linux2.6-glibc2.3-x86_64/bin/bhist -u all -d -l -n 10
/opt/lsf/7.0/linux2.6-glibc2.3-x86_64/bin/bjobs -u all -l -a
/opt/lsf/7.0/linux2.6-glibc2.3-x86_64/bin/bhist -u all -d -l -n 10
/opt/lsf/7.0/linux2.6-glibc2.3-x86_64/bin/bjobs -u all -l -a
/opt/lsf/7.0/linux2.6-glibc2.3-x86_64/bin/bhist -u all -d -l -n 10
/opt/lsf/7.0/linux2.6-glibc2.3-x86_64/bin/bjobs -u all -l -a
/opt/lsf/7.0/linux2.6-glibc2.3-x86_64/bin/bhist -u all -d -l -n 10
```

Test PASSED

- Bug #80805 (BLAH job registry permissions should be improved)

```
[root@cream-29 cream]# ls -l /var/blah
total 8
-rw-r--r-- 1 tomcat tomcat 0 Mar 23 15:49 blah_bnotifier.pid
-rw-r--r-- 1 tomcat tomcat 4 Mar 23 15:53 blah_bupdater.pid
drwxrwx--t 4 tomcat tomcat 4096 Mar 23 16:07 user_blah_job_registry.bjr/
[root@cream-29 cream]# ls -l /var/blah/user_blah_job_registry.bjr/
total 14388
-rw-rw-r-- 1 tomcat tomcat 11377096 Mar 23 17:04 registry
-rw-r--r-- 1 tomcat tomcat 3066960 Mar 23 16:07 registry.by_blah_index
-rw-rw-rw- 1 tomcat tomcat 0 Mar 23 17:04 registry.locktest
drwxrwx-wt 2 tomcat tomcat 4096 Mar 23 17:04 registry.npudir
drwxrwx-wt 2 tomcat tomcat 253952 Mar 23 17:04 registry.proxydir
-rw-r--r-- 1 tomcat tomcat 99 Mar 23 15:49 registry.subjectlist
[root@cream-29 cream]# ls -l /var/blah/user_blah_job_registry.bjr/registry.npudir
total 8
-rw-rw-r-- 1 dteam017 dteam 856 Mar 23 17:04 npu_d4X1Ao
-rw-rw-r-- 1 dteam017 dteam 856 Mar 23 17:04 npu_jZXJGF
[root@cream-29 cream]# ls -l /var/blah/user_blah_job_registry.bjr/registry.proxydir/ | head -10
total 2448
lrwxrwxrwx 1 dteam017 dteam 198 Mar 23 16:41 proxy_637551_RUGJ92 -> /var/glite/cream_sandbox/dtea
lrwxrwxrwx 1 dteam017 dteam 198 Mar 23 16:41 proxy_637552_LrF5tC -> /var/glite/cream_sandbox/dtea
lrwxrwxrwx 1 dteam017 dteam 198 Mar 23 16:41 proxy_637553_WvebYm -> /var/glite/cream_sandbox/dtea
lrwxrwxrwx 1 dteam017 dteam 198 Mar 23 16:41 proxy_637554_4vdiJs -> /var/glite/cream_sandbox/dtea
lrwxrwxrwx 1 dteam017 dteam 198 Mar 23 16:41 proxy_637555_QX5Bi6 -> /var/glite/cream_sandbox/dtea
lrwxrwxrwx 1 dteam017 dteam 198 Mar 23 16:41 proxy_637556_jTHBm1 -> /var/glite/cream_sandbox/dtea
lrwxrwxrwx 1 dteam017 dteam 198 Mar 23 16:41 proxy_637557_DbWTbB -> /var/glite/cream_sandbox/dtea
lrwxrwxrwx 1 dteam017 dteam 198 Mar 23 16:41 proxy_637558_hhAHKX -> /var/glite/cream_sandbox/dtea
lrwxrwxrwx 1 dteam017 dteam 198 Mar 23 16:41 proxy_637559_WjeEfp -> /var/glite/cream_sandbox/dtea
```

Test PASSED

- Bug #81354 (Missing 'Iwd' Attribute when transferring files with the 'TransferInput' attribute causes thread to loop)

```
[root@cream-29 cream]# su - tomcat
-sh-3.2$ chown tomcat.tomcat /tmp/proxy
-sh-3.2$ ls -l /tmp/proxy
-rw----- 1 tomcat tomcat 6501 Mar 26 10:52 /tmp/proxy

-sh-3.2$ /usr/bin/blahpd
$GahpVersion: 1.16.5 Mar 31 2008 INFN\ blahpd\ (poly,new_esc_format) $
BLAH_SET_SUDO_ID dteam001
S Sudo\ mode\ on
blah_job_submit 1 [cmd="/bin/cp";Args="fstab\ fstab.out";TransferInput="/home/dteam001/dir1/fstab
S
```

Verification old bugs

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```
results
S 1
1 0 No\ error lsf/20120326/642806
Connection closed by remote host
```

```
[root@cream-29 cream]# ls -l /home/dteam001/dir1/
total 8
-rw-r--r-- 1 dteam001 dteam 618 Mar 23 17:11 fstab
-rw-r--r-- 1 dteam001 dteam 618 Mar 26 10:54 fstab.out
```

Test PASSED

- Bug #81824: yaim-cream-ce should manage the attribute bupdater_loop_interval

Content of report file here.

```
=====
Bug 81824 :: Regression test of bug #81824 yaim-cream-ce should manage the ...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_81824 | PASS |
-----
Bug 81824 :: Regression test of bug #81824 yaim-cream-ce should ma... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

Test PASSED

- Bug #82281 (blahp.log records should always contain CREAM job ID)

Try first with direct submission:

```
[ale@cream-12 UI]$ glite-ce-job-submit -a -r cream-29.pd.infn.it:8443/cream-lsf-creamtest1 cream.
https://cream-29.pd.infn.it:8443/CREAM499441859
```

```
[root@cream-29 cream]# grep CREAM499441859 /var/log/cream/accounting/blahp.log-20120326
"timestamp=2012-03-26 09:00:36" "userDN=/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Alessio
```

Try submission through a WMS:

```
[ale@cream-12 UI]$ glite-wms-job-submit -a -e https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmpr
```

```
Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
===== glite-wms-job-submit Success =====
```

```
The job has been successfully submitted to the WMPProxy
Your job identifier is:
```

```
https://emi-demo11.cnaf.infn.it:9000/kKD1V4dLlSdALEzPA_1qyg
```

```
=====
```

```
[ale@cream-12 UI]$ glite-wms-job-logging-info -v 2 --event Transfer https://emi-demo11.cnaf.infn
- Dest jobid = unavailable
- Dest jobid = https://cream-29.pd.infn.it:8443/CREAM581241790
```

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```
[root@cream-29 cream]# grep kKD1V4dLlSdALEzPA_lqyg /var/log/cream/accounting/blahp.log-20120326
"timestamp=2012-03-26 09:05:37" "userDN=/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Alessio
```

Test PASSED

- Bug #82297 (blahp.log rotation period is too short)

```
[root@cream-29 cream]# cat /etc/logrotate.d/blahp-logrotate | grep rotate
rotate 365
```

Test PASSED

- Bug #83275 (Problem in updater with very short jobs that can cause no notification to cream)

```
[ale@cream-12 UI]$ glite-ce-job-submit -a -r cream-29.pd.infn.it:8443/cream-lsf-creamtest1 cream.
https://cream-29.pd.infn.it:8443/CREAM670118061
```

```
[root@cream-29 cream]# grep 670118061 /var/log/cream/glite-ce-bnotifier.log
2012-03-26 11:12:00 Sent for Cream:[BatchJobId="642813"; JobStatus=2; ChangeTime="2012-03-26 11:1
2012-03-26 11:12:20 Sent for Cream:[BatchJobId="642813"; JobStatus=4; ChangeTime="2012-03-26 11:1
```

Test PASSED

- Bug #83347 (Incorrect special character handling for BLAH Arguments and Environment attributes)

```
[root@cream-29 cream]# su - tomcat
-sh-3.2$ /usr/bin/blahpd
$GahpVersion: 1.16.5 Mar 31 2008 INFN\ blahpd\ (poly,new_esc_format) $
BLAH_SET_SUDO_ID dteam001
S Sudo\ mode\ on
BLAH_JOB_SUBMIT 1 [Cmd="/bin/echo";Args="$HOSTNAME";Out="/tmp/stdout_115367";In="/dev/null";GridT
S
results
S 1
1 0 No\ error lsf/20120326/642815
Connection closed by remote host
-sh-3.2$ cat /tmp/stdout_115367
prod-wn-001
-sh-3.2$ logout
```

```
[root@cream-29 cream]# bhist -w -l 642815 | grep Dispatched
Mon Mar 26 11:18:42: Dispatched to <prod-wn-001>;
```

Test PASSED

- Bug #87419 (blparser_master add some spurious character in the BLParser command line)

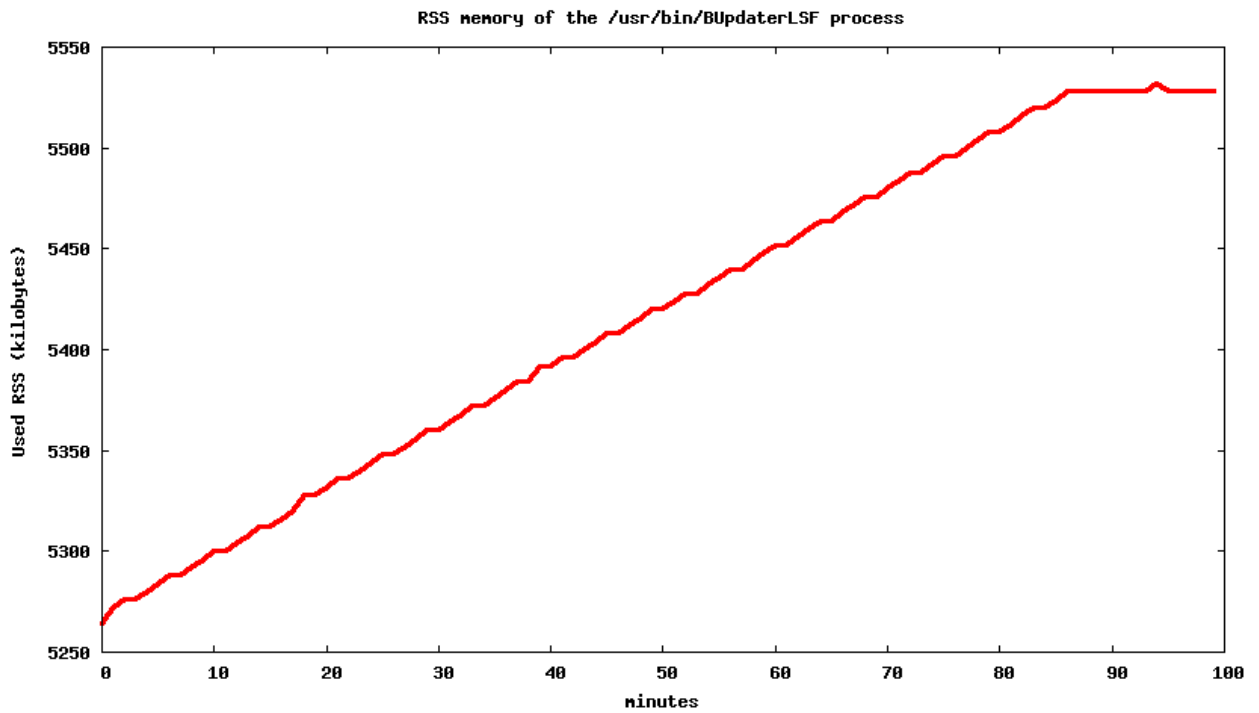
```
[root@cream-29 ~]# ps ax | grep BLParserLSF
 754 pts/1    S+      0:00 grep BLParserLSF
31468 ?        Sl      0:00 /usr/bin/BLParserLSF -d 1 -l /var/log/cream/glite-lsfparser.log -b /op
```

Test PASSED

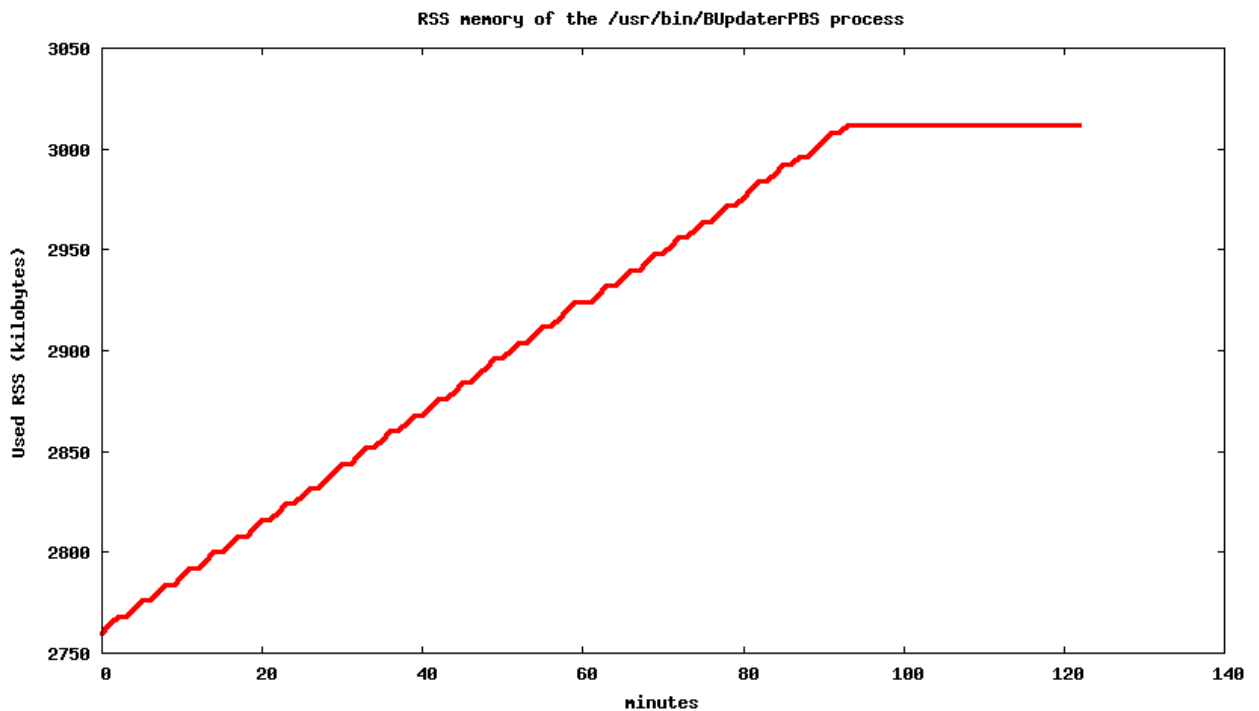
- Bug #89859: There is a memory leak in the updater for LSF, PBS and Condor

Submit 1000 jobs, one every 3 seconds monitoring the Used RSS memory of the `/usr/bin/BUUpdaterLSF` process:

Task27056 < IGIRelease < TWiki



Submit 1000 jobs, one every 3 seconds monitoring the Used RSS memory of the /usr/bin/BUdaterPBS process:



Test PASSED

This topic: IGIRelease > Task27056

Topic revision: r35 - 2012-03-28 - CristinaAiftimiei



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