

Testing and Certification report savannah task #37715: BLAH v. 1.18.2 (EMI2)

Summary

- Product: **BLAH v. 1.18.2**
- Release Task: Task #37715
- ETICS Subsystem Configuration Name: **emi-blahp_R_1_18_2_1**
- VCS Tag: glite-ce-blahp_R_1_18_2_1
- EMI Major Release: EMI 2 (Matterhorn)
- Platform: SL5 & SL6
- Author: Sergio Traldi
- Testing report: [here](#)
- Certification report: [here](#)
- Date: 20 Nov 2012
- Outcome: Certified

Deployment tests

Clean Installation

- EMI2 BLAH SL6 installation from scratch log: [install-SL6-EMI2-CETorque.txt](#).
- EMI2 BLAH SL6 configuration after an installation from scratch log: [configuration-SL6-EMI2-CETorque.txt](#).

Upgrade Installation

- EMI2 BLAH SL5 update log: [update-SL5-EMI2-CELSF.txt](#).
- EMI2 BLAH SL5 configuration after update log: [configuration-update-SL5-EMI2-CELSF.txt](#).

Unit Tests

- SL5 Unit test report available [here](#) .
- SL6 Unit test report available [here](#) .

System tests

Functionality tests

Submission tests SL5 PASSED

- Submission tests using old parser:

```
./blah_exerciser.sh exiting: Submitted 1200 jobs. 1200 succeeded. 0 failed.  
Took 5228 seconds to submit.  
Took 8308 seconds to complete.
```

Long log.

- Submission tests on SL5 new parser:

```
./blah_exerciser.sh exiting: Submitted 1200 jobs. 1200 succeeded. 0 failed.
```

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Took 5189 seconds to submit.
Took 8409 seconds to complete.

Long log.

Submission tests SL6 PASSED

- Submission tests on SL6 old parser

```
./blah_exerciser.sh exiting: Submitted 1000 jobs. 1000 succeeded. 0 failed.  
Took 3903 seconds to submit.  
Took 7460 seconds to complete.
```

Long log

- Submission tests on SL6 new parser

```
./blah_exerciser.sh exiting: Submitted 1000 jobs. 1000 succeeded. 0 failed.  
Took 3888 seconds to submit.  
Took 6916 seconds to complete.
```

Long log

Check Notifications SL5 - LSF New parser. PASSED

- For normally finished jobs

```
[traldi@cert-25 ~]$ pybot /opt/cream_blah_testsuites/testsuites/blah_testing/tests  
=====
```

Tests

```
=====
```

```
batch_system = lsf  
ce_admin_user = root  
ce_admin_pass = omiss  
ce_host = cream-29.pd.infn.it  
ce_endpoint = cream-29.pd.infn.it:8443  
cream_queue = cream-lsf-cert  
vo = dteam  
proxy_pass =  
log_level = TRACE  
tmp_dir = /tmp  
delete_files = False  
tomcat_service = tomcat5  
catalina_home = /var/lib/tomcat5  
middleware_version = emi2  
ce_cream_xml = /etc/glite-ce-cream/cream-config.xml  
cream_config_xml = /etc/glite-ce-cream/cream-config.xml  
blah_config = /etc/blah.config  
site_info = /root/siteinfo/site-info.def  
services_glite_creamce = /root/siteinfo/services/glite-creamce  
blah_bupdater_loop_interval = 20  
blah_check_children_interval = 30  
blah_bupdater_use_bhist_for_killed = yes  
cream_sandbox_path = CREAM_SANDBOX_PATH  
cream_concurrency_level_yaim_name = CREAM_CONCURRENCY_LEVEL  
middleware_version = emi2  
cream_concurrency_level = commandworkerpoolsize  
ce = cream-29.pd.infn.it:8443/cream-lsf-cert  
Command "/usr/bin/voms-proxy-info" output follows:  
subject : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
```

Submission tests SL5 PASSED

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```
issuer      : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
identity    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
type        : proxy
strength    : 1024 bits
path        : /tmp/x509up_u500
timeleft    : 11:59:53
```

Command's output printed.

```
dn = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
The files of this testsuite will be stored under: /tmp/tmpRRy05i.cream_testing/
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
=====
Output: /home/traldi/output.xml
Log:    /home/traldi/log.html
Report: /home/traldi/report.html
```

Long log and report of Check Notification CheckNotificationsSL5-LSFNewparser.tgz

Check Notifications SL5 - LSF Old parser PASSED

```
[traldi@cert-25 ~]$ pybot /opt/cream_blah_testsuites/testsuites/blah_testing/tests
=====
Tests
=====
batch_system = lsf
ce_admin_user = root
ce_admin_pass = omiss
ce_host = cream-29.pd.infn.it
ce_endpoint = cream-29.pd.infn.it:8443
cream_queue = cream-lsf-cert
vo = dteam
proxy_pass =
log_level = TRACE
tmp_dir = /tmp
```

Check Notifications SL5 - LSF New parser. PASSED

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```
delete_files = False
tomcat_service = tomcat5
catalina_home = /var/lib/tomcat5
middleware_version = emi2
ce_cream_xml = /etc/glite-ce-cream/cream-config.xml
cream_config_xml = /etc/glite-ce-cream/cream-config.xml
blah_config = /etc/blah.config
site_info = /root/siteinfo/site-info.def
services_glite_creamce = /root/siteinfo/services/glite-creamce
blah_bupdater_loop_interval = 20
blah_check_children_interval = 30
blah_bupdater_use_bhist_for_killed = yes
cream_sandbox_path = CREAM_SANDBOX_PATH
cream_concurrency_level_yaim_name = CREAM_CONCURRENCY_LEVEL
middleware_version = emi2
cream_concurrency_level = commandworkerpoolsize
ce = cream-29.pd.infn.it:8443/cream-lsf-cert
Command "/usr/bin/voms-proxy-info" output follows:
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
type      : proxy
strength  : 1024 bits
path      : /tmp/x509up_u500
timeleft  : 11:37:50
```

Command's output printed.

```
dn = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
The files of this testsuite will be stored under: /tmp/tmpz5Mqf1.cream_testing/
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
=====
Output: /home/traldi/output.xml
Log: /home/traldi/log.html
Report: /home/traldi/report.html
```

Long log and report of Check Notification CheckNotificationsSL5-LSFOldparser.tgz

Check Notifications SL6 - LSF New parser PASSED

```
[traldi@cert-25 ~]$ pybot /opt/cream_blah_testsuites/testsuites/blah_testing/tests
=====
Tests
=====
batch_system = pbs
ce_admin_user = root
ce_admin_pass = omiss
ce_host = cert-42.pd.infn.it
ce_endpoint = cert-42.pd.infn.it:8443
cream_queue = cream-pbs-cert
vo = dteam
proxy_pass =
log_level = TRACE
tmp_dir = /tmp
delete_files = False
tomcat_service = tomcat6
catalina_home = /usr/share/tomcat6
middleware_version = emi2
ce_cream_xml = /etc/glite-ce-cream/cream-config.xml
cream_config_xml = /etc/glite-ce-cream/cream-config.xml
blah_config = /etc/blah.config
site_info = /root/siteinfo/site-info.def
services_glite_creamce = /root/siteinfo/services/glite-creamce
blah_bupdater_loop_interval = 20
blah_check_children_interval = 30
blah_bupdater_use_bhist_for_killed = yes
cream_sandbox_path = CREAM_SANDBOX_PATH
cream_concurrency_level_yaim_name = CREAM_CONCURRENCY_LEVEL
middleware_version = emi2
cream_concurrency_level = commandworkerpoolsize
ce = cert-42.pd.infn.it:8443/cream-pbs-cert
Command "/usr/bin/voms-proxy-info" output follows:
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
type      : proxy
strength  : 1024 bits
path      : /tmp/x509up_u500
timeleft  : 11:25:42

Command's output printed.
dn = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
The files of this testsuite will be stored under: /tmp/tmp4gYf8W.cream_testing/
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
=====
Output: /home/traldi/output.xml
Log: /home/traldi/log.html
Report: /home/traldi/report.html
```

Long log and report of Check Notification CheckNotificationsSL6-LSFNewparser.tgz

Check Notifications SL6 - LSF Old parser PASSED

```
[traldi@cert-25 ~]$ pybot /opt/cream_blah_testsuites/testsuites/blah_testing/tests=====
Tests
=====
batch_system = pbs
ce_admin_user = root
ce_admin_pass = omiss
ce_host = cert-42.pd.infn.it
ce_endpoint = cert-42.pd.infn.it:8443
cream_queue = cream-pbs-cert
vo = dteam
proxy_pass =
log_level = TRACE
tmp_dir = /tmp
delete_files = False
tomcat_service = tomcat6
catalina_home = /usr/share/tomcat6
middleware_version = emi2
ce_cream_xml = /etc/glite-ce-cream/cream-config.xml
cream_config_xml = /etc/glite-ce-cream/cream-config.xml
blah_config = /etc/blah.config
site_info = /root/siteinfo/site-info.def
services_glite_creamce = /root/siteinfo/services/glite-creamce
blah_bupdater_loop_interval = bupdater_loop_interval
blah_check_children_interval = check_children_interval
blah_bupdater_use_bhist_for_killed = bupdater_use_bhist_for_killed
cream_sandbox_path = CREAM_SANDBOX_PATH
cream_concurrency_level_yaim_name = CREAM_CONCURRENCY_LEVEL
middleware_version = emi2
cream_concurrency_level = commandworkerpoolsize
ce = cert-42.pd.infn.it:8443/cream-pbs-cert
Command "/usr/bin/voms-proxy-info" output follows:
subject : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
issuer : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
identity : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
type : proxy
strength : 1024 bits
path : /tmp/x509up_u500
timeleft : 10:24:56

Command's output printed.
dn = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
The files of this testsuite will be stored under: /tmp/tmpzu4sVs.cream_testing/
Tests.Check Notifications For Cancelled Jobs :: Test that notifications are...
```

Check Notifications SL6 - LSF Old parser PASSED

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```
=====
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
=====
Output: /home/traldi/output.xml
Log: /home/traldi/log.html
Report: /home/traldi/report.html
```

Long log and report of Check Notification CheckNotificationsSL6-LSFOldparser.tgz

Regression tests

Verification attached bugs

bug #97491 : (BUUpdaterLSF should not execute any bhist query if all the bhist related conf parameter are set to "no") FIXED, NOT CERTIFIED

bug #95385 (Misleading message when Cream SGE aborts jobs requesting more than one CPU) FIXED, NOT CERTIFIED

bug #98855 There is a memory leak in a blah function FIXED

Before the bug was fixed:

FROM CE: top before submission:

```
[root@cream-29 ~]# top
```

```
top - 18:01:21 up 138 days, 2:33, 2 users, load average: 0.60, 0.44, 0.38
Tasks: 96 total, 2 running, 94 sleeping, 0 stopped, 0 zombie
Cpu(s): 0.0%us, 6.0%sy, 8.6%ni, 84.2%id, 0.3%wa, 0.0%hi, 0.9%si, 0.0%st
Mem: 2097152k total, 1966916k used, 130236k free, 97968k buffers
Swap: 2097144k total, 33640k used, 2063504k free, 766512k cached
```

```
  PID USER      PR  NI  VIRT  RES  SHR  S  %CPU  %MEM    TIME+  COMMAND
30337 tomcat    36   19 2649m 769m 13m  S   0.0  37.6   0:27.08 java
```

Regression tests

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```
2606 mysql      35  19  324m  22m 3584 S  0.0  1.1 757:15.05 mysqld
22256 tomcat    34  19 78596  11m  376 S  0.7  0.6  0:07.84 BNotifier
23659 ldap      34  19  128m 9052 4704 S  0.0  0.4  0:00.26 slapd
31149 tomcat    34  19 37048 7524 7160 S  0.0  0.4  0:00.04 blahpd
25865 tomcat    34  19 37048 7300 7008 S  0.0  0.3  0:00.01 blahpd
22298 tomcat    39  19 15044 6082 420 S 39.4  0.3  4:22.97 BUdaterLSF
25080 ntp        15  0 19212 4904 3800 S  0.0  0.2  0:00.37 ntpd
18445 ldap      36  19 69496 4456 1024 S  0.0  0.2  0:01.14 bdii-update
...
```

FROM UI: (submitted 10.000 jobs having output DONE FAIL)

```
[traldi@cert-25 ~]$ for i in {1..10000}; do glite-ce-job-submit -r cream-29.pd.infn.it:8443/cream
https://cream-29.pd.infn.it:8443/CREAM114333135
https://cream-29.pd.infn.it:8443/CREAM580535769
https://cream-29.pd.infn.it:8443/CREAM846997993
...
```

```
[traldi@cert-25 ~]$ glite-ce-job-status https://cream-29.pd.infn.it:8443/CREAM114333135
```

```
***** JobID=[https://cream-29.pd.infn.it:8443/CREAM114333135]
Status      = [DONE-FAILED]
ExitCode    = [W]
FailureReason = [./pippoErrato.sh not found or unreadable]
```

FROM CE: [root@cream-29 ~]# top

```
top - 17:10:20 up 139 days, 2:40, 2 users, load average: 0.14, 0.23, 1.21 Tasks: 149 total, 2 running, 147
sleeping, 0 stopped, 0 zombie Cpu(s): 0.0%us, 4.1%sy, 6.9%ni, 88.2%id, 0.4%wa, 0.0%hi, 0.3%si, 0.0%st
Mem: 2097152k total, 2051612k used, 45540k free, 163372k buffers Swap: 2097144k total, 60k used,
2097084k free, 749940k cached
```

```
PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND 30337 tomcat 39 19 2795m 703m
13m S 0.0 34.3 203:21.29 java 2606 mysql 34 19 324m 39m 5948 S 0.0 1.9 156:20.52 mysqld 22298 tomcat
35 19 30040 21m 612 S 19.0 1.1 27:55.49 BUdaterLSF 23659 ldap 34 19 367m 9808 4760 S 0.0 0.5 0:08.37
slapd 22256 tomcat 34 19 54328 8020 508 S 0.0 0.4 0:38.12 BNotifier 1817 ldap 34 19 34032 7140 1736 S
4.3 0.3 0:00.13 info-dynamic-ls 25080 ntp 15 0 19212 4904 3800 S 0.0 0.2 0:00.24 ntpd 23716 ldap 35 19
69536 4380 1024 S 0.7 0.2 1:00.65 bdii-update 1769 ldap 36 19 69536 3840 484 S 0.0 0.2 0:00.00 bdii-update
```

BUdaterLSF increase memory from 6082 to 21M after 10.000 submissions.

After the bug was fixed:

CE Host: Before submission:

```
[root@cream-29 ~]# top
```

```
top - 17:03:24 up 141 days, 2:33, 2 users, load average: 0.60, 0.44, 0.38
Tasks: 96 total, 2 running, 94 sleeping, 0 stopped, 0 zombie
Cpu(s): 0.0%us, 6.0%sy, 8.6%ni, 84.2%id, 0.3%wa, 0.0%hi, 0.9%si, 0.0%st
Mem: 2097152k total, 1966916k used, 130236k free, 97968k buffers
Swap: 2097144k total, 33640k used, 2063504k free, 766512k cached
```

```
PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND
25235 tomcat 36 19 2649m 769m 13m S 0.0 37.6 0:27.08 java
2606 mysql 35 19 324m 22m 3584 S 0.0 1.1 757:15.05 mysqld
7638 tomcat 34 19 78596 11m 376 S 0.7 0.6 0:07.84 BNotifier
18432 ldap 34 19 128m 9052 4704 S 0.0 0.4 0:00.26 slapd
31149 tomcat 34 19 37048 7524 7160 S 0.0 0.4 0:00.04 blahpd
25865 tomcat 34 19 37048 7300 7008 S 0.0 0.3 0:00.01 blahpd
7636 tomcat 39 19 15044 7008 420 S 39.4 0.3 4:22.97 BUdaterLSF
.....
```

bug #98855 There is a memory leak in a blah function FIXED

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After 50.000 submissions 35.000 DONE FAILED + 15.000 DONE OK

```
[root@cream-29 ~]# top
```

```
top - 13:32:32 up 146 days, 23:02, 1 user, load average: 0.00, 0.01, 0.00
Tasks: 95 total, 2 running, 93 sleeping, 0 stopped, 0 zombie
Cpu(s): 0.0%us, 0.0%sy, 0.0%ni, 92.2%id, 7.8%wa, 0.0%hi, 0.0%si, 0.0%st
Mem: 2097152k total, 2056488k used, 40664k free, 132836k buffers
Swap: 2097144k total, 32364k used, 2064780k free, 873536k cached
```

```
  PID USER      PR  NI  VIRT  RES  SHR  S  %CPU  %MEM    TIME+  COMMAND
25235 tomcat    36   19 2657m 775m  13m  S   0.0  34.9   31:10.28 java
 2606 mysql     34   19  324m  22m 3584  S   0.0   1.1  773:55.00 mysqld
7638 tomcat    34   19 78596  11m  376  S   0.0   0.6   32:45.08 BNotifier
18432 ldap      34   19  367m 9784 4720  S   0.0   0.5    0:33.70 slapd
31149 tomcat    34   19 37048 7524 7160  S   0.0   0.4    0:00.06 blahpd
25865 tomcat    34   19 37048 7300 7008  S   0.0   0.3    0:00.03 blahpd
 7636 tomcat    35   19 16848 7920  472  S   0.0   0.3   35:25.62 BUdaterLSF
...
```

The BUdaterLSF memory did not increase so much

Verification old bugs

bug #81824 : (yaim-cream-ce should manage the attribute bupdater_loop_interval) FIXED

bug #84261 : BNotifier on CREAM CE seems to not restart cleanly FIXED

bug #86238 : blahpd doesn't check the status of its daemons when idling FIXED

bug #94519 : ((Updater for LSF can misidentify killed jobs as finished) FIXED

```
[traldi@cert-25 ~]$ pybot -i new_parser /opt/cream_blah_testsuites/testsuites/blah_regression/tes
```

```
=====
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519
=====
```

```
batch_system = pbs
ce_admin_user = root
ce_admin_pass = omiss
ce_host = cert-42.pd.infn.it
ce_endpoint = cert-42.pd.infn.it:8443
cream_queue = cream-pbs-cert
vo = dteam
proxy_pass =
log_level = TRACE
tmp_dir = /tmp
delete_files = False
tomcat_service = tomcat6
catalina_home = /usr/share/tomcat6
middleware_version = emi2
ce_cream_xml = /etc/glite-ce-cream/cream-config.xml
cream_config_xml = /etc/glite-ce-cream/cream-config.xml
blah_config = /etc/blah.config
site_info = /root/siteinfo/site-info.def
services_glite_creamce = /root/siteinfo/services/glite-creamce
blah_bupdater_loop_interval = bupdater_loop_interval
blah_check_children_interval = check_children_interval
blah_bupdater_use_bhist_for_killed = bupdater_use_bhist_for_killed
cream_sandbox_path = CREAM_SANDBOX_PATH
cream_concurrency_level_yaim_name = CREAM_CONCURRENCY_LEVEL
middleware_version = emi2
cream_concurrency_level = commandworkerpoolsize
ce = cert-42.pd.infn.it:8443/cream-pbs-cert
Command "/usr/bin/voms-proxy-info" output follows:
subject : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
```

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```
issuer      : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
identity    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
type        : proxy
strength    : 1024 bits
path        : /tmp/x509up_u500
timeleft    : 11:51:51
```

Command's output printed.

```
dn = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
The files of this testsuite will be stored under: /tmp/tmpa0V_zM.cream_testing/
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519.Bug 81824 :: Regression test ...
```

```
=====
bug_81824 | PASS |
```

```
-----
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519.Bug 81824 :: Regress... | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
```

```
=====
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519.Bug 84261 :: Regression test ...
```

```
=====
bug_84261 | PASS |
```

```
-----
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519.Bug 84261 :: Regress... | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
```

```
=====
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519.Bug 86238 :: Regression test ...
```

```
=====
bug_86238 | PASS |
```

```
-----
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519.Bug 86238 :: Regress... | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
```

```
=====
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519.Bug 94519 :: Bug #94519 (Upda...
```

```
=====
bug_94519 | PASS |
```

```
-----
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519.Bug 94519 :: Bug #94... | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
```

```
=====
Bug 81824 & Bug 84261 & Bug 86238 & Bug 94519 | PASS |
4 critical tests, 4 passed, 0 failed
4 tests total, 4 passed, 0 failed
```

```
=====
Output: /home/traldi/output.xml
Log:    /home/traldi/log.html
Report: /home/traldi/report.html
```

Long log and report of Regression Test on SL6 New Parser CheckNotificationsSL6-LSFNewparser.tgz

bug #94414 : (BLParserLSF could crash if a suspend on an idle job is done) FIXED

The bug is already tested in `check_notifications_for_suspended_resumed_jobs.html` because the testsuite is designed to suspend the job when the job status is IDLE.

bug #90085 : Suspend command doesn't work with old parser FIXED

bug #94414 : (BLParserLSF could crash if a suspend on an idle job is done) FIXED

bug #94519: ((Updater for LSF can misidentify killed jobs as finished) FIXED

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bug #94414 Stronger : (BLParserLSF could crash if a suspend on an idle job is done) FIXED

```
[traldi@cert-25 ~]$ pybot -i old_parser /opt/cream_blah_testsuites/testsuites/blah_regression/tes
=====
Bug 90085 & Bug 94414 & Bug 94414 Stronger
=====
batch_system = lsf
ce_admin_user = root
ce_admin_pass = omiss
ce_host = cream-29.pd.infn.it
ce_endpoint = cream-29.pd.infn.it:8443
cream_queue = cream-lsf-cert
vo = dteam
proxy_pass =
log_level = TRACE
tmp_dir = /tmp
delete_files = False
tomcat_service = tomcat6
catalina_home = /usr/share/tomcat6
middleware_version = emi2
ce_cream_xml = /etc/glite-ce-cream/cream-config.xml
cream_config_xml = /etc/glite-ce-cream/cream-config.xml
blah_config = /etc/blah.config
site_info = /root/siteinfo/site-info.def
services_glite_creamce = /root/siteinfo/services/glite-creamce
blah_bupdater_loop_interval = bupdater_loop_interval
blah_check_children_interval = check_children_interval
blah_bupdater_use_bhist_for_killed = bupdater_use_bhist_for_killed
cream_sandbox_path = CREAM_SANDBOX_PATH
cream_concurrency_level_yaim_name = CREAM_CONCURRENCY_LEVEL
middleware_version = emi2
cream_concurrency_level = commandworkerpoolsize
ce = cream-29.pd.infn.it:8443/cream-lsf-cert
Command "/usr/bin/voms-proxy-info" output follows:
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
type      : proxy
strength  : 1024 bits
path      : /tmp/x509up_u500
timeleft  : 11:54:06

Command's output printed.
dn = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi/CN=proxy
The files of this testsuite will be stored under: /tmp/tmpCF6h5w.cream_testing/
Bug 90085 & Bug 94414 & Bug 94414 Stronger.Bug 90085 :: Regression test of ...
=====
bug_90085 | PASS |
-----
Teardown | PASS |
-----
Bug 90085 & Bug 94414 & Bug 94414 Stronger.Bug 90085 :: Regression... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Bug 90085 & Bug 94414 & Bug 94414 Stronger.Bug 94414 :: Regression test of ...
=====
bug_94414 | PASS |
-----
Bug 90085 & Bug 94414 & Bug 94414 Stronger.Bug 94414 :: Regression... | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
=====
Bug 90085 & Bug 94414 & Bug 94414 Stronger.Bug 94414 Stronger :: Regression...
=====
bug_94414_stronger | PASS |
-----
```

bug #94414 Stronger: (BLParserLSF could crash if a suspend on an idle job is done) FIXED

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Bug 90085 & Bug 94414 & Bug 94414 Stronger.Bug 94414 Stronger :: R... | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed

=====
Bug 90085 & Bug 94414 & Bug 94414 Stronger | PASS |
4 critical tests, 4 passed, 0 failed
4 tests total, 4 passed, 0 failed

=====
Output: /home/traldi/output.xml
Log: /home/traldi/log.html
Report: /home/traldi/report.html

Long log and report of Regression Test on SL5 Old Parser CheckNotificationsSL6-LSFNewparser.tgz

-- SergioTraldi - 2012-11-21

This topic: IGIRelease > Task37715

Topic revision: r11 - 2012-12-07 - CristinaAiftimiei



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