

# Testing and Certification report savannah task #30328: BLAH v. 1.18.1 (EMI2)

## Summary

- Product: **BLAH v. 1.18.1**
- Release Task: Task #30328
- ETICS Subsystem Configuration Name: **emi-blahp\_R\_1\_18\_1\_2**
- VCS Tag: glite-ce-blahp\_R\_1\_18\_1\_2
- EMI Major Release: EMI 2 (Matterhorn)
- Platform: SL5 epel, SL6 epel
- Author: Sara Bertocco
- Testing report: [here](#)
- Certification report: [here](#)
- Date: 19 Jun 2012
- Outcome: In certification

## Deployment tests

### Clean Installation

- EMI2 BLAH SL5 installation from scratch and configuration log (in CREAM environment) [here](#)
- EMI2 BLAH SL6 installation from scratch and configuration log (in CREAM environment) [here](#).

### Upgrade Installation

- EMI2 BLAH SL5 update and configuration log (in CREAM environment) [here](#).
- EMI2 BLAH SL6 update and configuration log (in CREAM environment) [here](#). Configuration using USE\_EMIES=true

## Unit Tests

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

## System tests

### Functionality tests

#### Submission tests SL5 PASSED

- Submission tests on SL5 old parser log.
- Submission tests on SL5 new parser log.

#### Submission tests SL6 PASSED

- Submission tests on SL6 new parser log
- Submission tests on old parser log

**Check Notifications SL5 - LSF New parser. PASSED**

- For normally finished jobs

```
$ pybot check_notifications_for_normally_finished_jobs.html
The files of this testsuite will be stored under: /tmp/tmpY00NkC.cream_testing/
=====
Check Notifications For Normally Finished Jobs :: Test that notifications a...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_normally_finished_jobs | PASS |
-----
Check Notifications For Normally Finished Jobs :: Test that notifi... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

- For cancelled jobs

```
$ pybot check_notifications_for_cancelled_jobs.html
The files of this testsuite will be stored under: /tmp/tmpZX4Pgl.cream_testing/
=====
Check Notifications For Cancelled Jobs :: Test that notifications are sent ...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_cancelled_jobs | PASS |
-----
Check Notifications For Cancelled Jobs :: Test that notifications ... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

- For suspended and resumed jobs:

```
$ pybot check_notifications_for_suspended_resumed_jobs.html
The files of this testsuite will be stored under: /tmp/tmpi7uk2S.cream_testing/
=====
Check Notifications For Suspended Resumed Jobs :: Test that notifications a...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_suspended_resumed_jobs | PASS |
-----
Check Notifications For Suspended Resumed Jobs :: Test that notifi... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

**Check Notifications SL5 - LSF Old parser PASSED**

- For normally finished jobs

```
$ pybot check_notifications_for_normally_finished_jobs.html
The files of this testsuite will be stored under: /tmp/tmpQxvJj7.cream_testing/
=====
Check Notifications For Normally Finished Jobs :: Test that notifications a...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_normally_finished_jobs | PASS |
-----
Check Notifications For Normally Finished Jobs :: Test that notifi... | PASS |
```

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2 critical tests, 2 passed, 0 failed  
2 tests total, 2 passed, 0 failed

=====

- For cancelled jobs:

```
$ pybot check_notifications_for_cancelled_jobs.html
The files of this testsuite will be stored under: /tmp/tmpk38P_I.cream_testing/
=====
Check Notifications For Cancelled Jobs :: Test that notifications are sent ...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_cancelled_jobs | PASS |
-----
Check Notifications For Cancelled Jobs :: Test that notifications ... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

- For suspended and resumed jobs:

```
$ pybot check_notifications_for_suspended_resumed_jobs.html
The files of this testsuite will be stored under: /tmp/tmp73m_TY.cream_testing/
=====
Check Notifications For Suspended Resumed Jobs :: Test that notifications a...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_suspended_resumed_jobs | PASS |
-----
Check Notifications For Suspended Resumed Jobs :: Test that notifi... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

### Check Notifications SL6 - LSF New parser PASSED

- For normally finished jobs

```
$ pybot check_notifications_for_normally_finished_jobs.html
The files of this testsuite will be stored under: /tmp/tmpqYVxOk.cream_testing/
=====
Check Notifications For Normally Finished Jobs :: Test that notifications a...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_normally_finished_jobs | PASS |
-----
Check Notifications For Normally Finished Jobs :: Test that notifi... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

- For cancelled jobs:

```
$ pybot check_notifications_for_cancelled_jobs.html
The files of this testsuite will be stored under: /tmp/tmpnbulen.cream_testing/
=====
Check Notifications For Cancelled Jobs :: Test that notifications are sent ...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
check_notifications_for_cancelled_jobs | PASS |
-----
```

### Check Notifications SL5 - LSF Old parser PASSED

```
-----  
Check Notifications For Cancelled Jobs :: Test that notifications ... | PASS |  
2 critical tests, 2 passed, 0 failed  
2 tests total, 2 passed, 0 failed  
=====
```

- For suspended and resumed jobs:

```
$ pybot check_notifications_for_suspended_resumed_jobs.html  
The files of this testsuite will be stored under: /tmp/tmp4rq3de.cream_testing/  
=====  
Check Notifications For Suspended Resumed Jobs :: Test that notifications a...  
=====  
Set Log Level :: Set the log level used for the test suite. This c... | PASS |  
-----  
check_notifications_for_suspended_resumed_jobs | PASS |  
-----  
Check Notifications For Suspended Resumed Jobs :: Test that notifi... | PASS |  
2 critical tests, 2 passed, 0 failed  
2 tests total, 2 passed, 0 failed  
=====
```

**Check Notifications SL6 - LSF Old parser PASSED**

- For normally finished jobs

```
$ pybot check_notifications_for_normally_finished_jobs.html  
The files of this testsuite will be stored under: /tmp/tmpchCOOe.cream_testing/  
=====  
Check Notifications For Normally Finished Jobs :: Test that notifications a...  
=====  
Set Log Level :: Set the log level used for the test suite. This c... | PASS |  
-----  
check_notifications_for_normally_finished_jobs | PASS |  
-----  
Check Notifications For Normally Finished Jobs :: Test that notifi... | PASS |  
2 critical tests, 2 passed, 0 failed  
2 tests total, 2 passed, 0 failed  
=====
```

- For cancelled jobs:

```
$ pybot check_notifications_for_cancelled_jobs.html  
The files of this testsuite will be stored under: /tmp/tmp8LnYJT.cream_testing/  
=====  
Check Notifications For Cancelled Jobs :: Test that notifications are sent ...  
=====  
Set Log Level :: Set the log level used for the test suite. This c... | PASS |  
-----  
check_notifications_for_cancelled_jobs | PASS |  
-----  
Check Notifications For Cancelled Jobs :: Test that notifications ... | PASS |  
2 critical tests, 2 passed, 0 failed  
2 tests total, 2 passed, 0 failed  
=====
```

- For suspended and resumed jobs:

```
$ pybot check_notifications_for_suspended_resumed_jobs.html  
The files of this testsuite will be stored under: /tmp/tmpsb_cPd.cream_testing/  
=====  
Check Notifications For Suspended Resumed Jobs :: Test that notifications a...  
=====  
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
```

**Check Notifications SL6 - LSF New parser PASSED**

```

-----
check_notifications_for_suspended_resumed_jobs | PASS |
-----
Check Notifications For Suspended Resumed Jobs :: Test that notifi... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====

```

## Regression tests

### Verification attached bugs

**bug #94712: FIXED, NOT CERTIFIED**

In the BLAH Testplan it is: "Not easy to reproduce (unpredictable behaviour)"

**bug #94414: On SL5 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 #94414: On SL6 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 #94519: On SL5 FIXED**

Try to cancel jobs in different state.

```
$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM540188800
```

```

***** JobID=[https://cream-48.pd.infn.it:8443/CREAM540188800]
        Status      = [IDLE]
$ glite-ce-job-cancel https://cream-48.pd.infn.it:8443/CREAM540188800
Are you sure you want to cancel specified job(s) [y/n]: y
$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM540188800

```

```

***** JobID=[https://cream-48.pd.infn.it:8443/CREAM540188800]
        Status      = [CANCELLED]
        ExitCode     = []
        Description  = [Cancelled by user]

```

```

$ glite-ce-job-submit -r cream-48:8443/cream-lsf-cert -a /home/bertocco/jdl/sleep_30.jdl
https://cream-48.pd.infn.it:8443/CREAM243409722
$ date; glite-ce-job-status
Wed Jun 27 14:33:16 CEST 2012
2012-06-27 14:33:16,739 FATAL - You didn't provide one or more JobID(s) to get status of. Must sp
[bertocco@cream-12 ~]$ date; glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM243409722
Wed Jun 27 14:33:21 CEST 2012

```

```

***** JobID=[https://cream-48.pd.infn.it:8443/CREAM243409722]
        Status      = [RUNNING]
$ date;glite-ce-job-cancel https://cream-48.pd.infn.it:8443/CREAM243409722
Wed Jun 27 14:33:31 CEST 2012

```

```

Are you sure you want to cancel specified job(s) [y/n]: y
$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM243409722

```

```

***** JobID=[https://cream-48.pd.infn.it:8443/CREAM243409722]
        Status      = [CANCELLED]
        ExitCode     = []

```

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Description = [Cancelled by user]

```
$ glite-ce-job-submit -r cream-48:8443/cream-lsf-cert -a /home/bertocco/jdl/sleep_30.jdl
https://cream-48.pd.infn.it:8443/CREAM042964325
$ date; glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM042964325
Wed Jun 27 14:33:59 CEST 2012
```

```
***** JobID=[https://cream-48.pd.infn.it:8443/CREAM042964325]
        Status      = [REALLY-RUNNING]
$ date;glite-ce-job-cancel https://cream-48.pd.infn.it:8443/CREAM042964325
Wed Jun 27 14:34:12 CEST 2012
```

```
Are you sure you want to cancel specified job(s) [y/n]: y
$ glite-ce-job-status https://cream-48.pd.infn.it:8443/CREAM042964325
```

```
***** JobID=[https://cream-48.pd.infn.it:8443/CREAM042964325]
        Status      = [CANCELLED]
        ExitCode     = []
        Description   = [Cancelled by user]
```

### bug #94519: On SL6 FIXED

```
$ glite-ce-job-submit -r emitestbed32.cnaf.infn.it:8443/cream-lsf-demo -a /home/bertocco/sleep_
glite-ce-job-statushttps://emitestbed32.cnaf.infn.it:8443/CREAM756815286
$ glite-ce-job-status https://emitestbed32.cnaf.infn.it:8443/CREAM756815286
```

```
***** JobID=[https://emitestbed32.cnaf.infn.it:8443/CREAM756815286]
        Status      = [RUNNING]
```

```
[bertocco@emitestbed16 only_new_parser]$ glite-ce-job-cancel https://emitestbed32.cnaf.infn.it:84
```

```
Are you sure you want to cancel specified job(s) [y/n]: y
$ glite-ce-job-status https://emitestbed32.cnaf.infn.it:8443/CREAM756815286
```

```
***** JobID=[https://emitestbed32.cnaf.infn.it:8443/CREAM756815286]
        Status      = [CANCELLED]
        ExitCode     = []
        Description   = [Cancelled by user]
```

```
$ glite-ce-job-submit -r emitestbed32.cnaf.infn.it:8443/cream-lsf-demo -a /home/bertocco/sleep_
https://emitestbed32.cnaf.infn.it:8443/CREAM605598164
$ glite-ce-job-status https://emitestbed32.cnaf.infn.it:8443/CREAM605598164
```

```
***** JobID=[https://emitestbed32.cnaf.infn.it:8443/CREAM605598164]
        Status      = [PENDING]
```

```
[bertocco@emitestbed16 only_new_parser]$ glite-ce-job-cancel https://emitestbed32.cnaf.infn.it:84
```

```
Are you sure you want to cancel specified job(s) [y/n]: y
$ glite-ce-job-status https://emitestbed32.cnaf.infn.it:8443/CREAM605598164
```

```
***** JobID=[https://emitestbed32.cnaf.infn.it:8443/CREAM605598164]
        Status      = [IDLE]
$ glite-ce-job-status https://emitestbed32.cnaf.infn.it:8443/CREAM605598164
```

```
***** JobID=[https://emitestbed32.cnaf.infn.it:8443/CREAM605598164]
        Status      = [IDLE]
```

```
[bertocco@emitestbed16 only_new_parser]$ glite-ce-job-cancel https://emitestbed32.cnaf.infn.it:84
```

```
Are you sure you want to cancel specified job(s) [y/n]: y
[bertocco@emitestbed16 only_new_parser]$ glite-ce-job-status https://emitestbed32.cnaf.infn.it:84
```

```
***** JobID=[https://emitestbed32.cnaf.infn.it:8443/CREAM605598164]
        Status      = [IDLE]
```

**bug #95392: FIXED, NOT CERTIFIED**

In the BLAH Testplan there is no verification receipt.

**Verification old bugs**

**bug #90085: On SL5 FIXED**

```
The files of this testsuite will be stored under: /tmp/tmpQnSk16.cream_testing/
=====
Bug 90085 :: Regression test of bug #90985 Suspend command doesn't work wit...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_90085 | PASS |
-----
Teardown | PASS |
-----
Bug 90085 :: Regression test of bug #90985 Suspend command doesn't... | PASS |
3 critical tests, 3 passed, 0 failed
3 tests total, 3 passed, 0 failed
=====
```

**bug #90085: On SL6 FIXED**

```
The files of this testsuite will be stored under: /tmp/tmpHg2_PS.cream_testing/
=====
Bug 90085 :: Regression test of bug #90985 Suspend command doesn't work wit...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
bug_90085 | PASS |
-----
Teardown | PASS |
-----
Bug 90085 :: Regression test of bug #90985 Suspend command doesn't... | PASS |
3 critical tests, 3 passed, 0 failed
3 tests total, 3 passed, 0 failed
=====
```

**bug #81824: On SL5 FIXED**

```
The files of this testsuite will be stored under: /tmp/tmpBvbHGW.cream_testing/
=====
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
=====
```

**bug #81824: On SL6 FIXED**

```
The files of this testsuite will be stored under: /tmp/tmpJd5MNk.cream_testing/
=====
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 #95392: FIXED, NOT CERTIFIED**

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```
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
=====
```

### bug #84261: On SL5 FIXED

```
The files of this testsuite will be stored under: /tmp/tmpP10m_cream_testing/
=====
```

```
Bug 84261 :: Regression test of bug #84261 BNotifier on CREAM CE seems to n...
=====
```

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

```
bug_84261 | PASS |
-----
```

```
Bug 84261 :: Regression test of bug #84261 BNotifier on CREAM CE s... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

### bug #84261: On SL6 FIXED

```
The files of this testsuite will be stored under: /tmp/tmpmgY7is_cream_testing/
=====
```

```
Bug 84261 :: Regression test of bug #84261 BNotifier on CREAM CE seems to n...
=====
```

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

```
bug_84261 | PASS |
-----
```

```
Bug 84261 :: Regression test of bug #84261 BNotifier on CREAM CE s... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

### bug #86238: On SL5 FIXED

```
The files of this testsuite will be stored under: /tmp/tmpRyx4_u_cream_testing/
=====
```

```
Bug 86238 :: Regression test of bug #86238 blahpd doesn't check the status ...
=====
```

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

```
bug_86238 | PASS |
-----
```

```
Bug 86238 :: Regression test of bug #86238 blahpd doesn't check th... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

### bug #86238: On SL6 FIXED

```
The files of this testsuite will be stored under: /tmp/tmpnQITow_cream_testing/
=====
```

```
Bug 86238 :: Regression test of bug #86238 blahpd doesn't check the status ...
=====
```

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

```
bug_86238 | PASS |
-----
```

```
Bug 86238 :: Regression test of bug #86238 blahpd doesn't check th... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
```

bug #81824: On SL6 FIXED



-- SaraBertocco - 2012-06-19

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