

Table of Contents

Testing report: IGIRTC #75.....	1
Summary.....	1
Deployment tests.....	1
Clean Installation SL5.....	1
Upgrade Installation SL5.....	1
Clean Installation SL6.....	1
Unit Tests.....	1
System tests.....	1
Functionality tests.....	1
For SL5.....	1
For SL6.....	2
Regression tests.....	2

Testing report: IGIRTC #75

Summary

- Product: Torque WN config*
- Release Task: Task #23340
- ETICS Subsystem Configuration Name: **emi-lrms-utils_R_2_0_0_3 / emi-torque-client-mp_R_1_0_0_2**
- VCS Tag:
- EMI Major Release: EMI 2 (Matterhorn)
- Platform: SL5 epel & SL6 epel
- Author: Sergio Traldi
- Testing report: see here
- Certification report: see here
- Date: 30th April 2012
- Outcome: DONE

Deployment tests

Clean Installation SL5

- Install log file
- Configuration log file

Upgrade Installation SL5

- Update log file
- Configuration log file

Clean Installation SL6

- Install log file
- Configuration log file

Unit Tests

System tests

Functionality tests

For SL5

- Run the testsuite

Results:

Environment: Execute a bash shell script. The script is stored locally. The jdl sets an environment variable. Execute the jdl, the final state should be done-ok and the output file should have the designated variable.

Epilogue : Execute two bash shell scripts, one for the job and the other as an epilogue. The epilogue sets an environment variable. Execute the jdl, the final state should be done ok, and the output file should have the designated variable.

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Explicit Delegation: Test job submission with explicit delegation. Three cases are tested: 1) Delete an already existing delegation id (failure is treated as correct behaviour) 3) Submit job with explicit delegation

ISB Base URI: Execute a bash shell script. The script is stored in a gridftp server. The jdl attribute is ISB Base URI

ISB Client to CE: Execute a bash shell script. The script is stored on the UI. The jdl attribute is ISB Client to CE

ISB gsiftp to CE: Execute a bash shell script. The script is stored in a gridftp server. The jdl attribute is ISB gsiftp to CE

Job Cancel: Test job cancellation. Two cases are tested: 1) Submit and then cancel a job. The final status should be DONE-OK

Job List: Test the job listing cli utility. Store the list of the user's jobs, before and after a job is submitted

Job Purge This test case verifies the proper functionality of the glite-ce-job-purge command. In Torque batch system: It's state should be DONE-OK

Job Suspend - Resume: Submit a job and suspend it. Wait until it's state is REALLY-RUNNING. Case LCG batch system: It's state should be REALLY-RUNNING. The final status should be DONE-OK

OSB gsiftp BaseDestURI: Execute /bin/uname -a. Store std out and error streams on a gridftp server. The jdl attribute is OSB gsiftp BaseDestURI. 3) lcg-ls base dest uri and files shouldn't exist 4) Execute jdl 5) lcg-ls base dest uri

OSB gsiftp DestURI: Execute /bin/uname -a. Store std out and error streams on a gridftp server. The jdl attribute is OSB gsiftp DestURI

OSB localhost: Execute /bin/uname -a. Store std out and error streams on "gsiftp://localhost". The final status should be DONE-OK

Prologue: Execute two bash shell scripts, one for the job and the other as a prologue. The prologue should be executed before the job

Set Log Level: Set the log level used for the test suite. This changes the verbosity of the final output

Simple Submit: Execute /bin/uname -a. Submit the jdl and wait for final job status to be done-ok.

Complete log file are here

For SL6

- Run the testsuite

similar with above results. Complete log file are here

Regression tests

not needed

-- SergioTraldi - 2012-05-03

This topic: IGIRelease > Task23340

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