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# Testing report: IGIRTC #85

## Summary

- Product: **Storm 1.10.0**
- Release Task: Task #30816
- ETICS Subsystem Configuration Name: **emi-storm\_R\_1\_10\_0\_1**
- VCS Tag: BE\_1.10.0-1, DIP-1.7.4-3, FE\_1.8.0-10, GDSI\_1.2.0-4, GHTTPSP\_1.0.3-5, HTTPS\_1.1.0-3, PAC\_1.0.0-6, Client\_1.6.0-6, T-StoRM\_1.2.1-2, yaim-storm\_4.2.2-1
- Release: EMI 2 (Matterhorn)
- Platform: sl5 epel, sl6 epel
- Author: Sergio Traldi
- Testing report: see here
- Certification report: see here
- Date: 04th July 2012
- Outcome: CERTIFIED

## Deployment tests

### Clean Installation SL5

- Install log file
- Configuration log file
  
- Run sanity check test locally (complete log file are here):

```
[root@cert-29 tstorm]# tstorm-sanity-tests
test_glue_service (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----
Ran 1 test in 0.014s

OK
test_gluetwo_storage_share_capacity (tstorm.tests.deployment.regression.gluetwo_ldapquery.Gluetwo

-----
Ran 1 test in 0.004s

OK
test_glue_available_space_info_service (tstorm.tests.deployment.regression.ldapquery.LdapTest) ...

-----
Ran 1 test in 0.098s

OK
test_glue_available_space (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----
Ran 1 test in 0.115s

OK
test_glue_used_space (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----
Ran 1 test in 0.105s

OK
test_size (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok
```

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-----  
Ran 1 test in 0.090s

OK

test\_info\_service\_failure (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----  
Ran 1 test in 0.049s

OK

test\_gluetwo\_endpoint\_undefined (tstorm.tests.deployment.regression.gluetwo\_ldapquery.GluetwoLdapTest) ... ok

-----  
Ran 1 test in 0.002s

OK

test\_gluetwo\_storage\_undefined (tstorm.tests.deployment.regression.gluetwo\_ldapquery.GluetwoLdapTest) ... ok

-----  
Ran 1 test in 0.001s

OK

test\_gluetwo\_endpoint (tstorm.tests.deployment.regression.gluetwo\_ldapquery.GluetwoLdapTest) ... ok

-----  
Ran 1 test in 0.001s

OK

test\_backend\_server\_status (tstorm.tests.deployment.regression.service\_configuration.ReggressionConfigurationTest) ... ok

-----  
Ran 1 test in 0.258s

OK

test\_backend\_logrotate\_file (tstorm.tests.deployment.regression.service\_configuration.ReggressionConfigurationTest) ... ok

-----  
Ran 1 test in 0.007s

OK

test\_backend\_gridhttps (tstorm.tests.deployment.regression.service\_configuration.ReggressionConfigurationTest) ... ok

-----  
Ran 1 test in 0.281s

OK

test\_yaim\_version\_file (tstorm.tests.deployment.regression.service\_configuration.ReggressionConfigurationTest) ... ok

-----  
Ran 1 test in 1.174s

OK

test\_size\_in\_namespace\_file (tstorm.tests.deployment.regression.service\_configuration.ReggressionConfigurationTest) ... ok

-----  
Ran 1 test in 0.013s

OK

test\_gridhttps\_plugin\_links (tstorm.tests.deployment.regression.service\_configuration.ReggressionConfigurationTest) ... ok

-----  
Ran 1 test in 0.025s

OK

test\_backend\_server\_name\_status (tstorm.tests.deployment.regression.service\_configuration.ReggressionConfigurationTest) ... ok

-----  
Ran 1 test in 0.242s

OK

test\_mysql\_storage\_space\_update (tstorm.tests.deployment.regression.service\_configuration.Regress

-----  
Ran 1 test in 107.472s

OK

test\_mysql\_connector\_java\_links (tstorm.tests.deployment.regression.service\_configuration.Regress

-----  
Ran 1 test in 0.012s

OK

## Upgrade Installation SL5

- Update log file
- Configuration log file
  
- Run sanity check test locally (complete log file are here):

```
[root@cert-29 tstorm]# tstorm-sanity-tests  
test_glue_service (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok
```

-----  
Ran 1 test in 0.004s

OK

test\_gluetwo\_storage\_share\_capacity (tstorm.tests.deployment.regression.gluetwo\_ldapquery.Gluetwo

-----  
Ran 1 test in 0.005s

OK

test\_glue\_available\_space\_info\_service (tstorm.tests.deployment.regression.ldapquery.LdapTest) ..

-----  
Ran 1 test in 0.099s

OK

test\_glue\_available\_space (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----  
Ran 1 test in 0.111s

OK

test\_glue\_used\_space (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----  
Ran 1 test in 0.106s

OK

test\_size (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----  
Ran 1 test in 0.109s

OK

test\_info\_service\_failure (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----  
Ran 1 test in 0.066s

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OK

test\_gluetwo\_endpoint\_undefined (tstorm.tests.deployment.regression.gluetwo\_ldapquery.GluetwoLdap

-----  
Ran 1 test in 0.001s

OK

test\_gluetwo\_storage\_undefined (tstorm.tests.deployment.regression.gluetwo\_ldapquery.GluetwoLdapT

-----  
Ran 1 test in 0.002s

OK

test\_gluetwo\_endpoint (tstorm.tests.deployment.regression.gluetwo\_ldapquery.GluetwoLdapTest) ...

-----  
Ran 1 test in 0.001s

OK

test\_backend\_server\_status (tstorm.tests.deployment.regression.service\_configuration.Regres

-----  
Ran 1 test in 0.226s

OK

test\_backend\_logrotate\_file (tstorm.tests.deployment.regression.service\_configuration.Regres

-----  
Ran 1 test in 0.004s

OK

test\_backend\_gridhttps (tstorm.tests.deployment.regression.service\_configuration.Regres

-----  
Ran 1 test in 0.274s

OK

test\_yaim\_version\_file (tstorm.tests.deployment.regression.service\_configuration.Regres

-----  
Ran 1 test in 0.556s

OK

test\_size\_in\_namespace\_file (tstorm.tests.deployment.regression.service\_configuration.Regres

-----  
Ran 1 test in 0.013s

OK

test\_gridhttps\_plugin\_links (tstorm.tests.deployment.regression.service\_configuration.Regres

-----  
Ran 1 test in 0.024s

OK

test\_backend\_server\_name\_status (tstorm.tests.deployment.regression.service\_configuration.Regres

-----  
Ran 1 test in 0.241s

OK

test\_mysql\_storage\_space\_update (tstorm.tests.deployment.regression.service\_configuration.Regres

-----  
Ran 1 test in 101.848s

OK

test\_mysql\_connector\_java\_links (tstorm.tests.deployment.regression.service\_configuration.Regres

-----  
Ran 1 test in 0.011s

OK

## Clean Installation SL6

- Install log file
- Configuration log file
  
- Run sanity check test locally (complete log file are here):

```
[root@cert-41 tstorm]# tstorm-sanity-tests  
test_glue_service (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok
```

-----  
Ran 1 test in 0.015s

OK

test\_gluetwo\_storage\_share\_capacity (tstorm.tests.deployment.regression.gluetwo\_ldapquery.Gluetwo

-----  
Ran 1 test in 0.004s

OK

test\_glue\_available\_space\_info\_service (tstorm.tests.deployment.regression.ldapquery.LdapTest) ..

-----  
Ran 1 test in 0.217s

OK

test\_glue\_available\_space (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----  
Ran 1 test in 0.255s

OK

test\_glue\_used\_space (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----  
Ran 1 test in 0.235s

OK

test\_size (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----  
Ran 1 test in 0.170s

OK

test\_info\_service\_failure (tstorm.tests.deployment.regression.ldapquery.LdapTest) ... ok

-----  
Ran 1 test in 0.132s

OK

test\_gluetwo\_endpoint\_undefined (tstorm.tests.deployment.regression.gluetwo\_ldapquery.GluetwoLdap

-----  
Ran 1 test in 0.002s

OK

test\_gluetwo\_storage\_undefined (tstorm.tests.deployment.regression.gluetwo\_ldapquery.GluetwoLdapT

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```
-----  
Ran 1 test in 0.001s  
  
OK  
test_gluetwo_endpoint (tstorm.tests.deployment.regression.gluetwo_ldapquery.GluetwoLdapTest) ...  
  
-----  
Ran 1 test in 0.001s  
  
OK  
test_backend_server_status (tstorm.tests.deployment.regression.service_configuration.ReggressionCo  
  
-----  
Ran 1 test in 1.067s  
  
OK  
test_backend_logrotate_file (tstorm.tests.deployment.regression.service_configuration.ReggressionCo  
  
-----  
Ran 1 test in 0.020s  
  
OK  
test_backend_gridhttps (tstorm.tests.deployment.regression.service_configuration.ReggressionConfig  
  
-----  
Ran 1 test in 1.344s  
  
OK  
test_yaim_version_file (tstorm.tests.deployment.regression.service_configuration.ReggressionConfig  
  
-----  
Ran 1 test in 3.030s  
  
OK  
test_size_in_namespace_file (tstorm.tests.deployment.regression.service_configuration.ReggressionCo  
  
-----  
Ran 1 test in 0.013s  
  
OK  
test_gridhttps_plugin_links (tstorm.tests.deployment.regression.service_configuration.ReggressionCo  
  
-----  
Ran 1 test in 0.025s  
  
OK  
test_backend_server_name_status (tstorm.tests.deployment.regression.service_configuration.Regressio  
  
-----  
Ran 1 test in 0.494s  
  
OK  
test_mysql_storage_space_update (tstorm.tests.deployment.regression.service_configuration.Regressio  
  
-----  
Ran 1 test in 177.686s  
  
OK  
test_mysql_connector_java_links (tstorm.tests.deployment.regression.service_configuration.Regressio  
  
-----  
Ran 1 test in 0.067s  
  
OK
```

---

## Unit Tests

### System tests

#### Functionality tests

##### After the installation SL5

- Run the testsuite

```
[traldi@cert-25 tstorm]$ voms-proxy-init -voms testers.eu-emi.eu
Enter GRID pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
Creating temporary proxy ..... Done
Contacting emitestbed01.cnaf.infn.it:15002 [/C=IT/O=INFN/OU=Host/L=CNAF/CN=emitestbed01.cnaf.infn.it]
Creating proxy .....

Your proxy is valid until Thu Jul  5 23:01:00 2012
[traldi@cert-25 tstorm]$ tstorm-tests
test_settings (tstorm.tests.utilities.UtilitiesTest) ... ok

-----
Ran 1 test in 0.001s

OK
test_storm_ping (tstorm.tests.atomics.AtomicsTest) ... ok

-----
Ran 1 test in 0.193s

OK
test_dd (tstorm.tests.utilities.UtilitiesTest) ... ok
test_ls_unexist_file (tstorm.tests.atomics.AtomicsTest) ... ok
test_mkdir_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_mkdir_exist_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_ls_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_cp_bt (tstorm.tests.atomics.AtomicsTest) ... ok
test_ls_file (tstorm.tests.atomics.AtomicsTest) ... ok
test_cp_at (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_file (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_unexist_file (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_unexist_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_lf (tstorm.tests.utilities.UtilitiesTest) ... ok

-----
Ran 13 tests in 56.175s

OK
test_dd (tstorm.tests.utilities.UtilitiesTest) ... ok
test_cksm (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_rm_lf (tstorm.tests.utilities.UtilitiesTest) ... ok

-----
Ran 3 tests in 16.983s

OK
test_dd (tstorm.tests.utilities.UtilitiesTest) ... ok
test_data_transfer_out_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_data_transfer_out_exist_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_data_transfer_in_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_data_transfer_in_unexist_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_rm_file (tstorm.tests.atomics.AtomicsTest) ... ok
```



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```
test_rm_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_lf (tstorm.tests.utilities.UtilitiesTest) ... ok
```

-----  
Ran 8 tests in 24.202s

```
OK
test_cr_lf (tstorm.tests.utilities.UtilitiesTest) ... ok
test_srm_transfer_outbound_https_voms (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_outbound_https_voms (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_outbound_https_voms_exist_file (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_inbound_https_voms (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_inbound_https_voms_no_auth (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_inbound_https_voms_unexist_file (tstorm.tests.https.HttpsTest) ... ok
test_srm_transfer_inbound_https_voms (tstorm.tests.https.HttpsTest) ... ok
test_rm_lf (tstorm.tests.utilities.UtilitiesTest) ... ok
```

-----  
Ran 9 tests in 6.637s

```
OK
test_update_free_space_upon_rm (tstorm.tests.regression.RegressionTest) ... ok
```

-----  
Ran 1 test in 18.450s

```
OK
test_eight_digit_string_checksum (tstorm.tests.regression.RegressionTest) ... ok
```

-----  
Ran 1 test in 6.102s

```
OK
test_update_used_space_upon_pd (tstorm.tests.regression.RegressionTest) ... ok
```

-----  
Ran 1 test in 11.313s

```
OK
test_unsupported_protocols (tstorm.tests.regression.RegressionTest) ... ok
```

-----  
Ran 1 test in 0.064s

```
OK
test_non_ascii_chars (tstorm.tests.regression.RegressionTest) ... ok
```

-----  
Ran 1 test in 0.136s

```
OK
test_storm_backend_age (tstorm.tests.regression.RegressionTest) ... ok
```

-----  
Ran 1 test in 0.085s

```
OK
test_storm_database_password (tstorm.tests.regression.RegressionTest) ... ok
```

-----  
Ran 1 test in 18.025s

```
OK
test_storm_gridhttps_authorization_denied (tstorm.tests.regression.RegressionTest) ... ok
```

-----  
Ran 1 test in 1.669s

After the installation SL5

OK

Complete log file are here

### After the update SL5

- Run the testsuite

```
[traldi@cert-25 tstorm]$ voms-proxy-init -voms testers.eu-emi.euEnter GRID pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
Creating temporary proxy ..... Done
Contacting emitestbed01.cnaf.infn.it:15002 [/C=IT/O=INFN/OU=Host/L=CNAF/CN=emitestbed01.cnaf.infn
Creating proxy ..... Done
```

Your proxy is valid until Thu Jul 5 06:06:12 2012

```
[traldi@cert-25 tstorm]$ tstorm-tests
test_settings (tstorm.tests.utilities.UtilitiesTest) ... ok
```

-----  
Ran 1 test in 0.000s

OK  
test\_storm\_ping (tstorm.tests.atomics.AtomicsTest) ... ok

-----  
Ran 1 test in 0.140s

OK  
test\_dd (tstorm.tests.utilities.UtilitiesTest) ... ok  
test\_ls\_unexist\_file (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_mkdir\_dir (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_mkdir\_exist\_dir (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_ls\_dir (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_cp\_bt (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_ls\_file (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_cp\_at (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_rm\_file (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_rm\_unexist\_file (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_rm\_dir (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_rm\_unexist\_dir (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_rm\_lf (tstorm.tests.utilities.UtilitiesTest) ... ok

-----  
Ran 13 tests in 55.724s

OK  
test\_dd (tstorm.tests.utilities.UtilitiesTest) ... ok  
test\_cksm (tstorm.tests.functionalities.FunctionalitiesTest) ... ok  
test\_rm\_lf (tstorm.tests.utilities.UtilitiesTest) ... ok

-----  
Ran 3 tests in 18.404s

OK  
test\_dd (tstorm.tests.utilities.UtilitiesTest) ... ok  
test\_data\_transfer\_out\_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok  
test\_data\_transfer\_out\_exist\_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok  
test\_data\_transfer\_in\_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok  
test\_data\_transfer\_in\_unexist\_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok  
test\_rm\_file (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_rm\_dir (tstorm.tests.atomics.AtomicsTest) ... ok  
test\_rm\_lf (tstorm.tests.utilities.UtilitiesTest) ... ok

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-----  
Ran 8 tests in 55.017s

OK

test\_cr\_lf (tstorm.tests.utilities.UtilitiesTest) ... ok  
test\_srm\_transfer\_outbound\_https\_voms (tstorm.tests.https.HttpsTest) ... ok  
test\_direct\_transfer\_outbound\_https\_voms (tstorm.tests.https.HttpsTest) ... ok  
test\_direct\_transfer\_outbound\_https\_voms\_exist\_file (tstorm.tests.https.HttpsTest) ... ok  
test\_direct\_transfer\_inbound\_https\_voms (tstorm.tests.https.HttpsTest) ... ok  
test\_direct\_transfer\_inbound\_https\_voms\_no\_auth (tstorm.tests.https.HttpsTest) ... ok  
test\_direct\_transfer\_inbound\_https\_voms\_unexist\_file (tstorm.tests.https.HttpsTest) ... ok  
test\_srm\_transfer\_inbound\_https\_voms (tstorm.tests.https.HttpsTest) ... ok  
test\_rm\_lf (tstorm.tests.utilities.UtilitiesTest) ... ok

-----  
Ran 9 tests in 9.019s

OK

test\_update\_free\_space\_upon\_rm (tstorm.tests.regression.RegressionTest) ... ok

-----  
Ran 1 test in 4.332s

OK

test\_eight\_digit\_string\_checksum (tstorm.tests.regression.RegressionTest) ... ok

-----  
Ran 1 test in 5.160s

OK

test\_update\_used\_space\_upon\_pd (tstorm.tests.regression.RegressionTest) ... ok

-----  
Ran 1 test in 3.095s

OK

test\_unsupported\_protocols (tstorm.tests.regression.RegressionTest) ... ok

-----  
Ran 1 test in 0.072s

OK

test\_non\_ascii\_chars (tstorm.tests.regression.RegressionTest) ... ok

-----  
Ran 1 test in 0.122s

OK

test\_storm\_backend\_age (tstorm.tests.regression.RegressionTest) ... ok

-----  
Ran 1 test in 0.071s

OK

test\_storm\_database\_password (tstorm.tests.regression.RegressionTest) ... ok

-----  
Ran 1 test in 5.922s

OK

test\_storm\_gridhttps\_authorization\_denied (tstorm.tests.regression.RegressionTest) ... ok

-----  
Ran 1 test in 2.660s

OK

Complete log file are available here

## After the installation SL6

- Run the testsuite

```
[traldi@cert-25 tstorm]$ voms-proxy-init -voms testers.eu-emi.euEnter GRID pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
Creating temporary proxy ..... Done
Contacting emitestbed01.cnaf.infn.it:15002 [/C=IT/O=INFN/OU=Host/L=CNAF/CN=emitestbed01.cnaf.infn.it]
Creating proxy ..... Done
```

Your proxy is valid until Thu Jul 5 06:06:12 2012

```
[traldi@cert-25 tstorm]$ tstorm-tests
test_settings (tstorm.tests.utilities.UtilitiesTest) ... ok
```

```
-----
Ran 1 test in 0.000s
```

OK

```
test_storm_ping (tstorm.tests.atomics.AtomicsTest) ... ok
```

```
-----
Ran 1 test in 0.456s
```

OK

```
test_dd (tstorm.tests.utilities.UtilitiesTest) ... ok
test_ls_unexist_file (tstorm.tests.atomics.AtomicsTest) ... ok
test_mkdir_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_mkdir_exist_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_ls_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_cp_bt (tstorm.tests.atomics.AtomicsTest) ... ok
test_ls_file (tstorm.tests.atomics.AtomicsTest) ... ok
test_cp_at (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_file (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_unexist_file (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_unexist_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_lf (tstorm.tests.utilities.UtilitiesTest) ... ok
```

```
-----
Ran 13 tests in 60.569s
```

OK

```
test_dd (tstorm.tests.utilities.UtilitiesTest) ... ok
test_cksm (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_rm_lf (tstorm.tests.utilities.UtilitiesTest) ... ok
```

```
-----
Ran 3 tests in 19.511s
```

OK

```
test_dd (tstorm.tests.utilities.UtilitiesTest) ... ok
test_data_transfer_out_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_data_transfer_out_exist_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_data_transfer_in_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_data_transfer_in_unexist_file (tstorm.tests.functionalities.FunctionalitiesTest) ... ok
test_rm_file (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_dir (tstorm.tests.atomics.AtomicsTest) ... ok
test_rm_lf (tstorm.tests.utilities.UtilitiesTest) ... ok
```

```
-----
Ran 8 tests in 24.177s
```

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```
OK
test_cr_lf (tstorm.tests.utilities.UtilitiesTest) ... ok
test_srm_transfer_outbound_https_voms (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_outbound_https_voms (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_outbound_https_voms_exist_file (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_inbound_https_voms (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_inbound_https_voms_no_auth (tstorm.tests.https.HttpsTest) ... ok
test_direct_transfer_inbound_https_voms_unexist_file (tstorm.tests.https.HttpsTest) ... ok
test_srm_transfer_inbound_https_voms (tstorm.tests.https.HttpsTest) ... ok
test_rm_lf (tstorm.tests.utilities.UtilitiesTest) ... ok
```

```
-----
Ran 9 tests in 12.081s
```

```
OK
test_update_free_space_upon_rm (tstorm.tests.regression.RegressionTest) ... ok
```

```
-----
Ran 1 test in 10.852s
```

```
OK
test_eight_digit_string_checksum (tstorm.tests.regression.RegressionTest) ... ok
```

```
-----
Ran 1 test in 6.454s
```

```
OK
test_update_used_space_upon_pd (tstorm.tests.regression.RegressionTest) ... ok
```

```
-----
Ran 1 test in 19.001s
```

```
OK
test_unsupported_protocols (tstorm.tests.regression.RegressionTest) ... ok
```

```
-----
Ran 1 test in 0.110s
```

```
OK
test_non_ascii_chars (tstorm.tests.regression.RegressionTest) ... ok
```

```
-----
Ran 1 test in 0.242s
```

```
OK
test_storm_backend_age (tstorm.tests.regression.RegressionTest) ... ok
```

```
-----
Ran 1 test in 0.113s
```

```
OK
test_storm_database_password (tstorm.tests.regression.RegressionTest) ... ok
```

```
-----
Ran 1 test in 4.168s
```

```
OK
test_storm_gridhttps_authorization_denied (tstorm.tests.regression.RegressionTest) ... ok
```

```
-----
Ran 1 test in 1.915s
```

```
OK
```

Complete log file are available here

## Regression tests

### After the installation SL5

#### Bug 289 NamespaceFSvalidation check can fail if storage area root is specified as link : PASSED

- You can found the **description** of the bug : [here](#)
- **test:**

```
[root@cert-29 ~]# ll -la /storage/
total 40
drwxr-xr-x  7 root  root  4096 Jul  5 12:54 .
drwxr-xr-x 25 root  root  4096 Jul  5 10:47 ..
drwxrwx---+ 2 storm storm 4096 Jul  6 11:42 dteam
drwxr-x---  2 storm storm 4096 Jul  6 11:42 infngrid
lrwxrwxrwx  1 root  root    5 Jul  5 12:54 test -> dteam
drwxrwx---+ 2 storm storm 4096 Jul  6 11:42 testers.eu-emi.eu
drwxr-x---  2 storm storm 4096 Jul  6 11:42 testers.eu-emi.eu_https
drwxr-x---  2 storm storm 4096 Jul  6 11:42 testers.eu-emi.eu_no_voms
```

```
[root@cert-29 ~]# tail -5 siteinfo/site-info.def
```

```
STORM_DTEAM_FSTYPE="gpfs"
STORM_DTEAM_ONLINE_SIZE=72
STORM_DTEAM_VONAME=dteam
STORM_DTEAM_ROOT="/storage/test"
```

```
[root@cert-29 ~]# /opt/glite/yaim/bin/yaim -d 6 -c -s /root/siteinfo/site-info.def -n se_storm_ba
```

#### I modify two element of the namespace.xml : filesystem-driver and space-token-description

```
[root@cert-29 ~]# head -10 /etc/storm/backend-server/namespace.xml
<namespace xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="n
  <filesystems>
    <filesystem name="DTEAM-FS" fs_type="gpfs">
      <space-token-description>DTEAM_TOKEN</space-token-description>
      <root>/storage/test</root>
      <filesystem-driver>it.grid.storm.filesystem.swig.posixfs</filesystem-driver>
      <spacesystem-driver>it.grid.storm.filesystem.MockSpaceSystem</spacesystem-driver>
      <storage-area-authz>
        <fixed>permit-all</fixed>
      </storage-area-authz>
```

```
[root@cert-29 ~]# service storm-backend-server stop
storm-backend-server already stopped [ OK ]
```

```
[root@cert-29 ~]# rm /var/log/storm/storm-backend.log
rm: remove regular file `/var/log/storm/storm-backend.log'? y
```

```
[root@cert-29 ~]# service storm-backend-server start
Bootstrapping storm-backend-server [ OK ]
StORMCommandServer on localhost:4444 is closed [FAILED]
```

```
[root@cert-29 ~]# grep NamespaceFSAssociationCheck.getMountPointFSTypeBestmatch /var/log/storm/st
11:39:56.147 - DEBUG [main][NamespaceFSAssociationCheck.getMountPointFSTypeBestmatch] - Retrievin
```

#### Bug 288 Service crashes on gpfs filesystems: PASSED

- You can found the **description** of the bug : [here](#)
- **test:**

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```
[root@cert-29 ~]# cat /etc/redhat-release
Scientific Linux release 5.8 (Boron)
```

```
[root@cert-29 ~]# ldd /usr/lib64/storm-backend-server/libgpfsapi_interface.so | grep libgpfs.so
ldd: warning: you do not have execution permission for `/usr/lib64/storm-backend-server/libgpfsapi
libgpfs.so => not found
[root@cert-29 ~]# echo $?
0
```

### Bug 269 srmReserveSpace management produces spurious database entries: PASSED

- You can find the **description** of the bug : here
- **test:**

#### FROM UI:

```
[traldi@cert-25 tstorm]$ clientSRM ReserveSpace -e http://cert-29.pd.infn.it:8444 -d expiringSpace
=====
Sending ReserveSpace request to: http://cert-29.pd.infn.it:8444
Before execute:
After execute:
Request Status Code 0
Poll Flag 0
=====
Request status:
  statusCode="SRM_SUCCESS"(0)
  explanation="Space Reservation done"
=====
SRM Response:
  sizeOfTotalReservedSpace=1000000
  sizeOfGuaranteedReservedSpace=1000000
  lifetimeOfReservedSpace=30
  spaceToken="CE899007-3D01-21BA-C1CE-D2AB2090A886"
=====
```

#### FROM BACKEND HOST:

```
[root@cert-29 ~]# service storm-backend-server restart
Stopping storm-backend-server           [ OK ]
Bootstrapping storm-backend-server      [ OK ]
Starting storm-backend-server           [ OK ]

[root@cert-29 ~]# service storm-backend-server status
storm-backend-server (pid 31528) is RUNNING [ OK ]
```

### Bug 295 StoRM backend boot fails if FS is defined as XFS: PASSED

- You can find the **description** of the bug : here
- **test:**

```
[root@cert-29 ~]# grep FSTYPE siteinfo/site-info.def
STORM_TESTERSEUEMIEU_NO_VOMS_FSTYPE="xfs"

[root@cert-29 ~]# /opt/glite/yaim/bin/yaim -d 6 -c -s /root/siteinfo/site-info.def -n se_storm_ba
```

- You can find the **verification** of the bug having a look to the yaim configuration result

**Bug 278 Storage space database update time is not always set correctly: PASSED**

- You can found the **description** of the bug : here

**test:**

**FROM UI:**

```
[traldi@cert-25 tstorm]$ clientSRM ReserveSpace -e http://cert-29.pd.infn.it:8444 -d prova -r 0,0
=====
Sending ReserveSpace request to: http://cert-29.pd.infn.it:8444
Before execute:
Afer execute:
Request Status Code 0
Poll Flag 0
=====
Request status:
  statusCode="SRM_SUCCESS" (0)
  explanation="Space Reservation done"
=====
SRM Response:
  sizeOfTotalReservedSpace=1000000
  sizeOfGuaranteedReservedSpace=1000000
  lifetimeOfReservedSpace=30
  spaceToken="D1889607-3D01-53DE-C1CE-D2AB68AB618D"
=====
```

**FROM BACKEND HOST:**

```
mysql> select UPDATE_TIME from storm_be_ISAM.storage_space where SPACE_TOKEN= 'D1889607-3D01-53DE-C1CE-D2AB68AB618D'
+-----+
| UPDATE_TIME          |
+-----+
| 2012-07-05 14:59:58 |
+-----+
1 row in set (0.00 sec)
```

**Bug 277 The execution of srmGetSpaceMetadata on a valid token produce a null pointer exception: PASSED**

- You can found the **description** of the bug : here

**test:**

```
[traldi@cert-25 tstorm]$ clientSRM ReserveSpace -e http://cert-29.pd.infn.it:8444 -d test -r 0,0
=====
Sending ReserveSpace request to: http://cert-29.pd.infn.it:8444
Before execute:
Afer execute:
Request Status Code 0
Poll Flag 0
=====
Request status:
  statusCode="SRM_SUCCESS" (0)
  explanation="Space Reservation done"
=====
SRM Response:
  sizeOfTotalReservedSpace=1000000
  sizeOfGuaranteedReservedSpace=1000000
  lifetimeOfReservedSpace=30
  spaceToken="2C4C9D07-3D01-27E2-C1CE-D2AB237C9BCF"
=====

[traldi@cert-25 tstorm]$ clientSRM GetSpaceMetadata -e http://cert-29.pd.infn.it:8444 -s 2C4C9D07-3D01-27E2-C1CE-D2AB237C9BCF
```



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```
=====
Sending GetSpaceMetaData request to: httpg://cert-29.pd.infn.it:8444
Before execute:
Afer execute:
Request Status Code 0
Poll Flag 0
=====
Request status:
  statusCode="SRM_SUCCESS" (0)
  explanation=""
=====
SRM Response:
  arrayOfSpaceDetails (size=1)
    [0] spaceToken="2C4C9D07-3D01-27E2-C1CE-D2AB237C9BCF"
    [0] status: statusCode="SRM_SUCCESS" (0)
        explanation="Valid space token"
    [0] owner="/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi"
    [0] totalSize=1000000
    [0] guaranteedSize=1000000
    [0] unusedSize=1000000
    [0] lifetimeAssigned=30
    [0] lifetimeLeft=19
=====
```

### Bug 270 Configuration folders permissions: PASSED

- You can found the **description** of the bug : here

#### test:

```
[root@cert-29 ~]# su - dteam001
```

```
[dteam001@cert-29 ~]$ find /etc/storm/ -readable ! -type d | grep -v "web.xml" | grep -v "log4j"
find: invalid predicate `~readable'
```

### Bug 267 path-authz.db is not recognized as a configuration file: PASSED

- You can found the **description** of the bug : here

#### test:

```
[root@cert-29 ~]# rpm -qa | grep storm-backend-server
storm-backend-server-1.10.0-1.s15
[root@cert-29 ~]# rpm -qc storm-backend-server | grep /etc/storm/backend-server/path-authz.db
/etc/storm/backend-server/path-authz.db
```

### Bug 279 srmPrepareToPut returns the wrong error when a non existing space token is provided PASSED

- You can found the **description** of the bug : here

#### test:

```
[traldi@cert-25 tstorm]$ voms-proxy-init -voms dteam
Enter GRID pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi
Creating temporary proxy ..... Done
Contacting voms2.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr]
Creating proxy ..... Done
```

```
Your proxy is valid until Fri Jul 6 04:06:27 2012
```

```
[traldi@cert-25 tstorm]$ clientSRM ReserveSpace -e httpg://cert-29.pd.infn.it:8444 -d myReservati
Sending ReserveSpace request to: httpg://cert-29.pd.infn.it:8444
```

### Bug 277 The execution of srmGetSpaceMetadata on a valid token produce a null pointer exception PASSED

## Task30816 < IGIRelease < TWiki

Before execute:

Afer execute:

Request Status Code 0

Poll Flag 0

Request status:

```
statusCode="SRM_SUCCESS"(0)
explanation="Space Reservation done"
```

SRM Response:

```
sizeOfTotalReservedSpace=1000000
sizeOfGuaranteedReservedSpace=1000000
lifetimeOfReservedSpace=30
spaceToken="BAE4D307-3D01-0D9C-C1CE-D2AB41566D2B"
```

```
[traldi@cert-25 tstorm]$ clientSRM PtP -e httpg://cert-29.pd.infn.it:8444 -t BAE4D307-3D01-0D9C-
```

```
Sending PtP request to: httpg://cert-29.pd.infn.it:8444
```

Before execute:

Afer execute:

Request Status Code 17

Poll Flag 0

Request status:

```
statusCode="SRM_REQUEST_QUEUED"(17)
```

SRM Response:

```
requestToken="8c6e0159-baac-4d23-9c6e-90994bb26ca4"
arrayOfFileStatuses (size=1)
  [0] SURL="srm://cert-29.pd.infn.it:8444/dteam/test_file.txt"
  [0] status: statusCode="SRM_REQUEST_QUEUED"(17)
      explanation=""
```

```
[traldi@cert-25 tstorm]$ clientSRM StatusPtP -e httpg://cert-29.pd.infn.it:8444 -t 8c6e0159-baac-
```

```
Sending StatusPtP request to: httpg://cert-29.pd.infn.it:8444
```

Before execute:

Afer execute:

Request Status Code 7

Poll Flag 0

Request status:

```
statusCode="SRM_SPACE_LIFETIME_EXPIRED"(7)
explanation="Supplied SpaceToken has expired lifetime!"
```

SRM Response:

```
arrayOfFileStatuses (size=1)
  [0] SURL="srm://cert-29.pd.infn.it:8444/dteam/test_file.txt"
  [0] status: statusCode="SRM_SPACE_LIFETIME_EXPIRED"(7)
      explanation="The provided Space Token has expired its lifetime"
```

## After the installation SL6

### Bug 289 NamespaceFSvalidation check can fail if storage area root is specified as link: PASSED

- You can found the **description** of the bug : [here](#)

- **test:**

```
[root@cert-41 ~]# ll /storage/
total 20
drwxrwx---+ 2 storm storm 4096 Jul  5 17:00 dteam
```

Bug 279 srmPrepareToPut returns the wrong error when a non existing space token is provided PASSED

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```
drwxr-x--- 2 storm storm 4096 Jul  5 16:40 infngrid
lrwxrwxrwx 1 root  root   15 Jul  6 11:56 test -> /storage/dteam/
drwxrwx---+ 2 storm storm 4096 Jul  5 16:40 testers.eu-emi.eu
drwxr-x--- 2 storm storm 4096 Jul  5 16:40 testers.eu-emi.eu_https
drwxr-x--- 2 storm storm 4096 Jul  5 16:40 testers.eu-emi.eu_no_voms
```

```
[root@cert-41 ~]# tail -5 siteinfo/site-info.def
STORM_DTEAM_FSTYPE="gpfs"
STORM_DTEAM_ONLINE_SIZE=72
STORM_DTEAM_VONAME=dteam
STORM_DTEAM_ROOT="/storage/test"
```

```
[root@cert-41 ~]# /opt/glite/yaim/bin/yaim -d 6 -c -s /root/siteinfo/site-info.def -n se_storm_ba
```

### I modify two element of the namespace.xml : filesystem-driver and space-token-description

```
[root@cert-41 ~]# head -10 /etc/storm/backend-server/namespace.xml
<namespace xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="n
<filesystems>
  <filesystem name="DTEAM-FS" fs_type="gpfs">
    <space-token-description>DTEAM_TOKEN</space-token-description>
    <root>/storage/test</root>
    <filesystem-driver>it.grid.storm.filesystem.swig.posixfs</filesystem-driver>
    <spacesystem-driver>it.grid.storm.filesystem.MockSpaceSystem</spacesystem-driver>
    <storage-area-authz>
      <fixed>permit-all</fixed>
    </storage-area-authz>
```

```
[root@cert-41 ~]# service storm-backend-server stop
/etc/init.d/storm-backend-server: line 200: /usr/java/latest/bin/java: No such file or directory
storm-backend-server already stopped [ OK ]
```

```
[root@cert-41 ~]# rm /var/log/storm/storm-backend.log
rm: remove regular file `/var/log/storm/storm-backend.log'? y
```

```
[root@cert-41 ~]# service storm-backend-server start
/etc/init.d/storm-backend-server: line 200: /usr/java/latest/bin/java: No such file or directory
Bootstrapping storm-backend-server [ OK ]
StoRMCommandServer on localhost:4444 is closed [FAILED]
```

```
[root@cert-41 ~]# grep NamespaceFSAssociationCheck.getMountPointFSTypeBestmatch /var/log/storm/st
12:08:21.308 - DEBUG [main][NamespaceFSAssociationCheck.getMountPointFSTypeBestmatch] - Retrievin
```

### Bug 288 Service crashes on gpfs filesystems: PASSED

- You can found the **description** of the bug : [here](#)
- **test:**

```
[root@cert-41 ~]# cat /etc/redhat-release
Scientific Linux release 6.2 (Carbon)
```

```
[root@cert-41 ~]# ldd /usr/lib64/storm-backend-server/libgpfsapi_interface.so | grep libgpfs.so
libgpfs.so => not found
```

```
[root@cert-41 ~]# echo $?
0
```

**Bug 269 srmReserveSpace management produces spurious database entries: PASSED**

- You can found the **description** of the bug : here
- **test:**

**FROM UI:**

```
[traldi@cert-25 tstorm]$ clientSRM ReserveSpace -e http://cert-41.pd.infn.it:8444 -d SpaceToken
=====
Sending ReserveSpace request to: http://cert-41.pd.infn.it:8444
Before execute:
Afer execute:
Request Status Code 0
Poll Flag 0
=====
Request status:
  statusCode="SRM_SUCCESS" (0)
  explanation="Space Reservation done"
=====
SRM Response:
  sizeOfTotalReservedSpace=1000000
  sizeOfGuaranteedReservedSpace=1000000
  lifetimeOfReservedSpace=30
  spaceToken="9545F207-3D01-3E99-C1CE-D28FDE54DC11"
=====
```

**FROM BACKEND HOST:**

```
[root@cert-41 tstorm]# service storm-backend-server restart
/etc/init.d/storm-backend-server: line 200: /usr/java/latest/bin/java: No such file or directory
Stopping storm-backend-server [ OK ]
Bootstrapping storm-backend-server [ OK ]
Starting storm-backend-server [ OK ]

[root@cert-41 tstorm]# service storm-backend-server status
/etc/init.d/storm-backend-server: line 200: /usr/java/latest/bin/java: No such file or directory
storm-backend-server (pid 19266) is RUNNING [ OK ]
```

**Bug 295 StoRM backend boot fails if FS is defined as XFS: PASSED**

- You can found the **description** of the bug : here
- **test:**

```
[root@cert-29 ~]# grep FSTYPE siteinfo/site-info.def
STORM_TESTERSEUEMIEU_NO_VOMS_FSTYPE="xfs"

[root@cert-29 ~]# /opt/glite/yaim/bin/yaim -d 6 -c -s /root/siteinfo/site-info.def -n se_storm_ba
```

- You can found the **verification** of the bug having a look to the yaim configuration result

**Bug 278 Storage space database update time is not always set correctly: PASSED**

- You can found the **description** of the bug : here

**test:****FROM UI:**

```
[traldi@cert-25 tstorm]$ clientSRM ReserveSpace -e http://cert-41.pd.infn.it:8444 -d SpaceToken
```

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```
=====
Sending ReserveSpace request to: http://cert-41.pd.infn.it:8444
Before execute:
Afer execute:
Request Status Code 0
Poll Flag 0
=====
Request status:
  statusCode="SRM_SUCCESS"(0)
  explanation="Space Reservation done"
=====
SRM Response:
  sizeOfTotalReservedSpace=1000000
  sizeOfGuaranteedReservedSpace=1000000
  lifetimeOfReservedSpace=30
  spaceToken="7559F908-3D01-4DA4-C1CE-D28F7FECF0CB"
=====
```

### FROM BACKEND HOST:

```
mysql> select UPDATE_TIME from storm_be_ISAM.storage_space where SPACE_TOKEN= '7559F908-3D01-4DA4-
+-----+
| UPDATE_TIME          |
+-----+
| 2012-07-05 16:47:29 |
+-----+
1 row in set (0.00 sec)
```

### Bug 277 The execution of srmGetSpaceMetadata on a valid token produce a null pointer exception: PASSED

- You can found the **description** of the bug : [here](#)

#### test:

```
[traldi@cert-25 tstorm]$ clientSRM ReserveSpace -e http://cert-41.pd.infn.it:8444 -d SpaceToken
=====
Sending ReserveSpace request to: http://cert-41.pd.infn.it:8444
Before execute:
Afer execute:
Request Status Code 0
Poll Flag 0
=====
Request status:
  statusCode="SRM_SUCCESS"(0)
  explanation="Space Reservation done"
=====
SRM Response:
  sizeOfTotalReservedSpace=1000000
  sizeOfGuaranteedReservedSpace=1000000
  lifetimeOfReservedSpace=30
  spaceToken="7559F908-3D01-4DA4-C1CE-D28F7FECF0CB"
=====

[traldi@cert-25 tstorm]$ clientSRM GetSpaceMetadata -e http://cert-41.pd.infn.it:8444 -s 7559F9
=====
Sending GetSpaceMetaData request to: http://cert-41.pd.infn.it:8444
Before execute:
Afer execute:
Request Status Code 0
Poll Flag 0
=====
Request status:
  statusCode="SRM_SUCCESS"(0)
  explanation=""
=====
```

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SRM Response:

```
arrayOfSpaceDetails (size=1)
  [0] spaceToken="7559F908-3D01-4DA4-C1CE-D28F7FECF0CB"
  [0] status: statusCode="SRM_SPACE_LIFETIME_EXPIRED" (7)
      explanation="Expired space lifetime"
  [0] owner="/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi"
  [0] totalSize=1000000
  [0] guaranteedSize=1000000
  [0] unusedSize=1000000
  [0] lifetimeAssigned=30
  [0] lifetimeLeft=0
```

### Bug 270 Configuration folders permissions: PASSED

- You can found the **description** of the bug : here

test:

```
[root@cert-41 tstorm]# su - dteam001
```

```
[dteam001@cert-41 ~]$ find /etc/storm/ -perm /o+r ! -type d | grep -v "web.xml" | grep -v "log4j"
[dteam001@cert-41 ~]$ echo $?
1
```

### Bug 267 path-authz.db is not recognized as a configuration file: PASSED

- You can found the **description** of the bug : here

test:

```
[root@cert-41 tstorm]# rpm -qa | grep storm-backend-server
storm-backend-server-1.10.0-1.s16.x86_64
```

```
[root@cert-41 tstorm]# rpm -qc storm-backend-server | grep /etc/storm/backend-server/path-authz.d
/etc/storm/backend-server/path-authz.db
```

### Bug 279 srmPrepareToPut returns the wrong error when a non existing space token is provided PASSED

- You can found the **description** of the bug : here

test:

```
traldi@cert-25 tstorm]$ clientSRM ReserveSpace -e http://cert-41.pd.infn.it:8444 -d MyReservation
Sending ReserveSpace request to: http://cert-41.pd.infn.it:8444
Before execute:
Afer execute:
Request Status Code 0
Poll Flag 0
```

```
Request status:
  statusCode="SRM_SUCCESS" (0)
  explanation="Space Reservation done"
```

SRM Response:

```
sizeOfTotalReservedSpace=1000000
sizeOfGuaranteedReservedSpace=1000000
lifetimeOfReservedSpace=30
spaceToken="768A0108-3D01-5D39-C1CE-D28FF1FF644C"
```

```
[traldi@cert-25 tstorm]$ clientSRM PtP -e http://cert-41.pd.infn.it:8444 -t 768A0108-3D01-5D39-C1CE-D28FF1FF644C
Sending PtP request to: http://cert-41.pd.infn.it:8444
```

### Bug 277 The execution of srmGetSpaceMetadata on a valid token produce a null pointer exception: PASSED

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Before execute:

Afer execute:

Request Status Code 17

Poll Flag 0

Request status:

```
statusCode="SRM_REQUEST_QUEUED" (17)
```

SRM Response:

```
requestToken="5d8cd6f6-bab3-4ad7-b49a-7ee0252ad955"
```

```
arrayOfFileStatuses (size=1)
```

```
[0] SURL="srm://cert-41.pd.infn.it:8444/dteam/myFile.txt"
```

```
[0] status: statusCode="SRM_REQUEST_QUEUED" (17)
```

```
explanation=""
```

```
[traldi@cert-25 tstorm]$ clientSRM StatusPtP -e httpg://cert-41.pd.infn.it:8444 -t 5d8cd6f6-bab3-
```

Sending StatusPtP request to: httpg://cert-41.pd.infn.it:8444

Before execute:

Afer execute:

Request Status Code 7

Poll Flag 0

Request status:

```
statusCode="SRM_SPACE_LIFETIME_EXPIRED" (7)
```

```
explanation="Supplied SpaceToken has expired lifetime!"
```

SRM Response:

```
arrayOfFileStatuses (size=1)
```

```
[0] SURL="srm://cert-41.pd.infn.it:8444/dteam/myFile.txt"
```

```
[0] status: statusCode="SRM_SPACE_LIFETIME_EXPIRED" (7)
```

```
explanation="The provided Space Token has expired its lifetime"
```

-- SergioTraldi - 2012-07-04

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This topic: IGIRelease > Task30816

Topic revision: r12 - 2012-07-13 - CristinaAiftimiei



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