
RHUI3-automation Documentation

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CHAPTER 1

Atomic Client Tests

CHAPTER 2

Atomic Host Checks

Atomic Host Checks

`rhui3_tests.test_atomic_host_checks.setup()`
announce the beginning of the test run

`rhui3_tests.test_atomic_host_checks.teardown()`
announce the end of the test run

`rhui3_tests.test_atomic_host_checks.test_01_check_version()`
check if the Atomic host is running the latest documented version

CHAPTER 3

CDS Management Tests

CHAPTER 4

CDS Management Tests for the CLI

CHAPTER 5

CDS-HAProxy Interoperability Tests

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Client Management Tests

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RHUI CLI Tests

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Comps XML (Yum Package Groups) Tests

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Container Management Tests

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Entitlement Management Tests

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EUS Tests (for the CLI)

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Custom GPG Key Verification Tests

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HAProxy Management Tests

CHAPTER 14

HAProxy Management Tests for the CLI

CHAPTER 15

Repo Management Tests

Various RHUI Related Repository Tests

Tests for RHUI 3 repos and EUS listings

```
rhui3_tests.test_rhui_3_repos.setup()  
    announce the beginning of the test run
```

```
rhui3_tests.test_rhui_3_repos.teardown()  
    announce the end of the test run
```

```
rhui3_tests.test_rhui_3_repos.test_01_rhui_3_for_rhel_7_check()  
    check if the RHUI 3 packages for RHEL 7 are available
```

```
rhui3_tests.test_rhui_3_repos.test_02_eus_6_repos_check()  
    check if all supported RHEL 6 EUS versions are available
```

```
rhui3_tests.test_rhui_3_repos.test_03_eus_7_repos_check()  
    check if all supported RHEL 7 EUS versions are available
```


CHAPTER 17

Security Tests

Various Security Tests

```
rhui3_tests.test_security.setup()
    announce the beginning of the test run

rhui3_tests.test_security.teardown()
    announce the end of the test run

rhui3_tests.test_security.test_01_login_add_cds_hap()
    log in to RHUI, add CDS and HAProxy nodes

rhui3_tests.test_security.test_02_puppet()
    check protocols allowed by Puppet on the RHUA

rhui3_tests.test_security.test_03_https_rhua()
    check protocols allowed by Apache on the RHUA

rhui3_tests.test_security.test_04_https_cds()
    check protocols allowed by Apache on the CDS nodes

rhui3_tests.test_security.test_05_crane_cds()
    check protocols allowed by Crane on the CDS nodes

rhui3_tests.test_security.test_06_haproxy_stats()
    check haproxy stats

rhui3_tests.test_security.test_99_cleanup()
    delete CDS and HAProxy nodes
```


CHAPTER 18

Sosreport Tests

CHAPTER 19

Subscription Management Tests

CHAPTER 20

Repo syncing and scheduling Tests

CHAPTER 21

Update Info Tests

User Management Tests

User management tests

```
rhui3_tests.test_user_management.setup()  
    announce the beginning of the test run  
  
rhui3_tests.test_user_management.teardown()  
    announce the end of the test run  
  
rhui3_tests.test_user_management.test_01_initial_run()  
    log in the RHUI (if not logged in, try the saved or the default admin password)  
  
rhui3_tests.test_user_management.test_02_change_password()  
    change the password (will log the user out automatically)  
  
rhui3_tests.test_user_management.test_03_login_with_new_pass()  
    log in with the new password  
  
rhui3_tests.test_user_management.test_04_reset_password()  
    change the password back to the default one  
  
rhui3_tests.test_user_management.test_05_login_with_wrong_pass()  
    try logging in with the wrong password, should fail gracefully
```


CHAPTER 23

Miscellaneous Tests That Do Not Fit Elsewhere

CHAPTER 24

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