

FreeNAS - Bug #34885

Ensure ui_protocol is uppercase in /system/general/ API

06/13/2018 07:10 AM - Eric Turgeon

Status: Done	
Priority: No priority	
Assignee: William Grzybowski	
Category: Middleware	
Target version: 11.2-BETA1	
Seen in: Master - FreeNAS Nightlies	Needs Merging: No
Severity: Medium	Needs Automation: No
Reason for Closing:	Support Suite Ticket: n/a
Reason for Blocked:	Hardware Configuration:
Needs QA: No	ChangeLog Required: No
Needs Doc: No	

Description

From an ixautomation fresh installation.

```
platform freebsd12 -- Python 3.6.5, pytest-3.4.2, py-1.5.3, pluggy-0.6.0 -- /usr/local/bin/python3.6
cachedir: .pytest_cache
rootdir: /usr/home/ericbsd/projects/freenas/freenas/tests, inifile:
collected 10 items
```

```
api2/system_general.py::test_01_get_system_general PASSED
[ 10%]
api2/system_general.py::test_02_get_system_general_language_choices PASSED
[ 20%]
api2/system_general.py::test_03_get_system_general_timezone_choices PASSED
[ 30%]
api2/system_general.py::test_04_get_system_general_country_choices PASSED
[ 40%]
api2/system_general.py::test_05_get_system_general_kbdmap_choices PASSED
[ 50%]
api2/system_general.py::test_06_Setting_timezone FAILED
[ 60%]
api2/system_general.py::test_07_Checking_timezone_using_api FAILED
[ 70%]
api2/system_general.py::test_08_Checking_timezone_using_ssh FAILED
[ 80%]
api2/system_general.py::test_09_Setting_sysloglevel FAILED
[ 90%]
api2/system_general.py::test_10_Checking_sysloglevel_using_api FAILED
[100%]
```

```
----- generated xml file: /usr/home/ericbsd/projects/freenas/freenas/tests/results/system_general_tests_result.xml -----
```

```
===== FAILURES =====
_____ test_06_Setting_timezone _____
```

```
def test_06_Setting_timezone():
    results = PUT("/system/general/", {"timezone": TIMEZONE})
> assert results.status_code == 200, results.text
```

```
E      AssertionError: {
E          "general_settings_update.ui_certificate": [
E              {
E                  "message": "Protocol has been selected as HTTPS, certificate is required",
E                  "errno": 22
E              }
E          ]
E      }
E      assert 422 == 200
E      + where 422 = <Response [422]>.status_code
```

api2/system_general.py:53: AssertionError

test_07_Checking_timezone_using_api

```
def test_07_Checking_timezone_using_api():
    results = GET("/system/general/")
    assert results.status_code == 200, results.text
    data = results.json()
>    assert data['timezone'] == TIMEZONE
E    AssertionError: assert 'America/Los_Angeles' == 'America/New_York'
E        - America/Los_Angeles
E        + America/New_York
```

api2/system_general.py:60: AssertionError

test_08_Checking_timezone_using_ssh

```
def test_08_Checking_timezone_using_ssh():
    results = SSH_TEST(f'diff /etc/localtime /usr/share/zoneinfo/{TIMEZONE}', user, password,
ip)
>    assert results['result'] is True, results
E    AssertionError: {'output': 'Files /etc/localtime and /usr/share/zoneinfo/America/New_York
differ
E        ', 'result': False}
E    assert False is True
```

api2/system_general.py:65: AssertionError

Captured stderr call

Warning: Permanently added '192.168.2.216' (ECDSA) to the list of known hosts.

test_09_Setting_sysloglevel

```
def test_09_Setting_sysloglevel():
    results = PUT("/system/general/", {"sysloglevel": SYSLOGLEVEL})
>    assert results.status_code == 200, results.text
E    AssertionError: {
E        "general_settings_update.ui_certificate": [
E            {
E                "message": "Protocol has been selected as HTTPS, certificate is required",
E                "errno": 22
E            }
E        ]
E    }
E    assert 422 == 200
E    + where 422 = <Response [422]>.status_code
```

api2/system_general.py:70: AssertionError

test_10_Checking_sysloglevel_using_api

```
def test_10_Checking_sysloglevel_using_api():
    results = GET("/system/general/")
    assert results.status_code == 200, results.text
    data = results.json()
>    assert data['sysloglevel'] == SYSLOGLEVEL
```

```
E      AssertionError: assert 'F_INFO' == 'F_CRIT'
E      - F_INFO
E      + F_CRIT
```

```
api2/system_general.py:77: AssertionError
```

```
===== 5 failed, 5 passed in 1.24 seconds =====
=====
```

IPython output

```
In [1]: from functions import POST, DELETE, GET, PUT
```

```
In [2]: GET('/system/general/').text
```

```
Out[2]: '{\n "id": 1,\n "language": "en",\n "kbdmap": "",\n "timezone": "America/Los_Angeles",\n "sysloglevel": "F_INFO",\n "syslogserver": "",\n "wizardshown": false,\n "pwenc_check": "d3wJgu7eLujuoXOWiYKVCxy6ArM3HVTSjDFNVpudCF4qnG/H0JYaMA==",\n "ui_protocol": "http",\n "ui_certificate": null,\n "ui_address": "0.0.0.0",\n "ui_v6address": "::",\n "ui_port": 80,\n "ui_httpsport": 443,\n "ui_httpsredirect": true\n}'
```

```
In [3]: GET('/system/general/').json()
```

```
Out[3]:
```

```
{'id': 1,
 'kbdmap': '',
 'language': 'en',
 'pwenc_check': 'd3wJgu7eLujuoXOWiYKVCxy6ArM3HVTSjDFNVpudCF4qnG/H0JYaMA==',
 'sysloglevel': 'F_INFO',
 'syslogserver': '',
 'timezone': 'America/Los_Angeles',
 'ui_address': '0.0.0.0',
 'ui_certificate': None,
 'ui_httpsport': 443,
 'ui_httpsredirect': True,
 'ui_port': 80,
 'ui_protocol': 'http',
 'ui_v6address': '::',
 'wizardshown': False}
```

```
In [4]: PUT("/system/general/", {'ui_httpsredirect': False, "timezone": TIMEZONE}).text
```

```
NameError                                Traceback (most recent call last)
```

```
<ipython-input-4-3647bda9eabc> in <module>()
```

```
----> 1 PUT("/system/general/", {'ui_httpsredirect': False, "timezone": TIMEZONE}).text
```

```
NameError: name 'TIMEZONE' is not defined
```

```
In [5]: PUT("/system/general/", {'ui_httpsredirect': False, "timezone": 'America/New_York'}).text
```

```
Out[5]: '{\n "general_settings_update.ui_certificate": [\n {\n "message": "Protocol has been selected as HTTPS, certificate is required",\n "errno": 22\n }
\n ]\n}'
```

```
In [6]: PUT("/system/general/", {'ui_httpsredirect': True}).text
```

```
Out[6]: '{\n "general_settings_update.ui_certificate": [\n {\n "message": "Protocol has been selected as HTTPS, certificate is required",\n "errno": 22\n }
\n ]\n}'
```

```
In [7]: PUT("/system/general/", {'ui_httpsredirect': False}).text
```

```
Out[7]: '{\n "general_settings_update.ui_certificate": [\n {\n "message": "Protocol has been selected as HTTPS, certificate is required",\n "errno": 22\n }
\n ]\n}'
```

```
In [8]: PUT("/system/general/", {'ui_httpsredirect': True}).text
```

```
Out[8]: '{\n "general_settings_update.ui_certificate": [\n {\n "message": "Protocol has been selected as HTTPS, certificate is required",\n "errno": 22\n }
\n ]\n}'
```

Associated revisions

Revision fffb7c6 - 06/13/2018 07:13 AM - William Grzybowski

fix(middlewared): `ui_protocol` should be uppercase

Ticket: #34885

Revision 85721be6 - 06/13/2018 07:42 AM - William Grzybowski

fix(middlewared): `ui_protocol` should be uppercase

Ticket: #34885

Revision 4050642e - 06/22/2018 12:27 PM - William Grzybowski

fix(middlewared): `ui_protocol` should be uppercase

Ticket: #34885

History

#1 - 06/13/2018 07:11 AM - Dru Lavigne

- Assignee changed from Release Council to William Grzybowski

#2 - 06/13/2018 07:12 AM - William Grzybowski

- Status changed from Unscreened to In Progress
- Target version changed from Backlog to 11.2-BETA1
- Severity changed from New to Medium
- Needs Merging changed from Yes to No

#3 - 06/13/2018 07:28 AM - William Grzybowski

<https://github.com/freenas/freenas/pull/1353>

#4 - 06/13/2018 07:43 AM - William Grzybowski

- Status changed from In Progress to Ready for Testing

<https://github.com/freenas/freenas/pull/1353>

#5 - 06/13/2018 08:10 AM - Dru Lavigne

- Subject changed from REST API 2.0 PUT /system/general/ failed with Protocol has been selected as HTTPS, certificate is required. to Ensure ui_protocol is uppercase in /system/general/ API

#6 - 06/13/2018 11:44 AM - Eric Turgeon

- Needs QA changed from Yes to No

fixed all tests are working well.

```
===== test session starts =====  
platform freebsd12 -- Python 3.6.5, pytest-3.4.2, py-1.5.3, pluggy-0.6.0 -- /usr/local/bin/python3.6  
cachedir: .pytest_cache
```

```
rootdir: /usr/home/ericbsd/projects/freenas/freenas/tests, inifile:
collected 10 items
```

```
api2/system_general.py::test_01_get_system_general PASSED
  [ 10%]
api2/system_general.py::test_02_get_system_general_language_choices PASSED
  [ 20%]
api2/system_general.py::test_03_get_system_general_timezone_choices PASSED
  [ 30%]
api2/system_general.py::test_04_get_system_general_country_choices PASSED
  [ 40%]
api2/system_general.py::test_05_get_system_general_kbdmap_choices PASSED
  [ 50%]
api2/system_general.py::test_06_Setting_timezone PASSED
  [ 60%]
api2/system_general.py::test_07_Checking_timezone_using_api PASSED
  [ 70%]
api2/system_general.py::test_08_Checking_timezone_using_ssh PASSED
  [ 80%]
api2/system_general.py::test_09_Setting_sysloglevel PASSED
  [ 90%]
api2/system_general.py::test_10_Checking_sysloglevel_using_api PASSED
  [100%]
```

```
----- generated xml file: /usr/home/ericbsd/projects/freenas/freenas/tests/results/system_general_tests_res
ult.xml -----
```

```
===== 10 passed in 7.64 seconds =====
```

#7 - 06/13/2018 11:47 AM - Dru Lavigne
- Status changed from Ready for Testing to Done