

mgr - Bug #42063

dashboard/iscsi: _update_iscsi_target fails in run-tox-mgr-dashboard

09/26/2019 11:23 AM - Willem Jan Withagen

Status: Duplicate	% Done: 0%
Priority: Urgent	
Assignee:	
Category: dashboard/iscsi	
Target version: v15.0.0	
Source:	Reviewed:
Tags:	Affected Versions: v15.0.0
Backport:	ceph-qa-suite:
Regression: Yes	Pull request ID:
Severity: 3 - minor	Crash signature:
Description	
Note: This is on FreeBSD.	
During a run-tox-mgr-dashboard there are differences in the expected json out when run under python3.6. Python2.7 does not seem to have that problem.	
More tests show the same failure.	
The actual response does not have an info: {block}, which btw seems empty.	
<pre>1/5 Test #1: run-tox-mgr-dashboard***Failed 186.57 sec Requirement already satisfied: tox in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (3.14.0) Requirement already satisfied: filelock<4,>=3.0.0 in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from tox) (3.0.12) Requirement already satisfied: six<2,>=1.0.0 in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from tox) (1.11.0) Requirement already satisfied: packaging>=14 in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from tox) (19.2) Requirement already satisfied: toml>=0.9.4 in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from tox) (0.10.0) Requirement already satisfied: pluggy<1,>=0.12.0 in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from tox) (0.13.0) Requirement already satisfied: py<2,>=1.4.17 in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from tox) (1.8.0) Requirement already satisfied: virtualenv>=14.0.0 in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from tox) (16.7.5) Requirement already satisfied: importlib-metadata<1,>=0.12; python_version < "3.8" in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from tox) (0.23) Requirement already satisfied: pyparsing>=2.0.2 in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from packaging>=14->tox) (2.4.2) Requirement already satisfied: zipp>=0.5 in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from importlib-metadata<1,>=0.12; python_version < "3.8"->tox) (0.6.0) Requirement already satisfied: more-itertools in /tmp/jenkins-master/mgr-dashboard-virtualenv/lib/python3.6/site-packages (from zipp>=0.5->importlib-metadata<1,>=0.12; python_version < "3.8"->tox) (4.1.0) py3 installed: -f /home/jenkins/workspace/ceph-master36/src/pybind/mgr/dashboard/wheelhouse,asn1crypto==0.24.0,atomicwrites==1.3.0,attrs==19.1.0,backports.functools-lru-cache==1.5,bcrypt==3.1.4,certifi==2019.9.11,cffi==1.12.3,chardet==3.0.4,cheroot==6.5.8,CherryPy==13.1.0,coverage==4.5.4,cryptography==2.7,defusedxml==0.5.0,idna==2.7,importlib-metadata==0.23,isodate==0.6.0,jaraco.functools==2.0,lxml==4.4.1,more-itertools==4.1.0,pkgconfig==1.5.1,pluggy==0.13.0,portend==2.5,py==1.8.0,pycparser==2.19,PyJWT==1.6.4,pyOpenSSL==17.5.0,pytest==3.10.1,pytest-cov==2.7.1,pytest-instafail==0.4.1,python3-saml==1.4.1,pytz==2019.2,repoze.lru==0.7,requests==2.20.0,Routes==2.4.1,six==1.11.0,sqlite3==0.0.0,tempora==1.14.1,urllib3==1.24.3,xmllsec==1.3.3,zipp==0.6.0 py3 run-test-pre: PYTHONHASHSEED='1950973134' py3 run-test: commands[0] pytest</pre>	

```
===== test session starts =====
platform freebsd13 -- Python 3.6.9, pytest-3.10.1, py-1.8.0, pluggy-0.13.0
rootdir: /home/jenkins/workspace/ceph-master36/src/pybind/mgr/dashboard, inifile: tox.ini
plugins: cov-2.7.1, instafail-0.4.1
collected 276 items
```

```
tools.py ..... [ 1%]
services/ceph_service.py .. [ 2%]
services/rgw_client.py .. [ 3%]
tests/helper.py . [ 3%]
tests/test_access_control.py ..... [ 19%]
..... [ 23%]
tests/test_api_auditing.py ..... [ 26%]
tests/test_cephfs.py .... [ 27%]
tests/test_controllers.py ..... [ 34%]
tests/test_docs.py ..... [ 37%]
tests/test_erasure_code_profile.py .... [ 39%]
tests/test_exceptions.py ..... [ 43%]
tests/test_feature_toggles.py .. [ 44%]
tests/test_ganesha.py ..... [ 48%]
tests/test_grafana.py ..... [ 50%]
tests/test_host.py .... [ 51%]
tests/test_iscsi.py ....F
```

_____ IscsiTest.test_add_disk _____

```
self = <dashboard.tests.test_iscsi.IscsiTest testMethod=test_add_disk>
_validate_image_mock = <MagicMock name='_validate_image' id='34470271800'>
```

```
@mock.patch('dashboard.controllers.iscsi.IscsiTarget._validate_image')
def test_add_disk(self, _validate_image_mock):
    target_iqn = "iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7"
    create_request = copy.deepcopy(iscsi_target_request)
    create_request['target_iqn'] = target_iqn
    update_request = copy.deepcopy(create_request)
    update_request['new_target_iqn'] = target_iqn
    update_request['disks'].append(
        {
            "image": "lun3",
            "pool": "rbd",
            "controls": {},
            "backstore": "user:rbd"
        })
    update_request['clients'][0]['luns'].append({"image": "lun3", "pool": "rbd"})
    response = copy.deepcopy(iscsi_target_response)
    response['target_iqn'] = target_iqn
    response['disks'].append(
        {
            "image": "lun3",
            "pool": "rbd",
            "controls": {},
            "backstore": "user:rbd"
        })
    response['clients'][0]['luns'].append({"image": "lun3", "pool": "rbd"})
> self._update_iscsi_target(create_request, update_request, response)
```

```
tests/test_iscsi.py:231:
```

```
-----
tests/test_iscsi.py:372: in _update_iscsi_target
    self.assertJsonBody(response)
tests/__init__.py:231: in assertJsonBody
    self._handlewebError(msg)
-----
```

```
self = <dashboard.tests.test_iscsi.IscsiTest testMethod=test_add_disk>
msg = "expected body:\n{'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7', 'portals': [{'host': 'node2', 'ip': '10...', 'image': 'lun2'}], 'members': ['iqn.1994-05.com.redhat:rh7-client2
```

```

]]], 'target_controls': {}, 'acl_enabled': True}"

def _handlewebError(self, msg):
    print('')
    print('    ERROR: %s' % msg)

    if not self.interactive:
>         raise self.failureException(msg)
E         AssertionError: expected body:
E         {'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7', 'portals': [{'host': 'node2', 'ip': '10.0.2.15'}, {'host': 'node2', 'ip': '192.168.100.202'}, {'host': 'node3', 'ip': '192.168.100.203'}], 'disks': [{'pool': 'rbd', 'image': 'lun1', 'backstore': 'user:rbd', 'controls': {'max_data_area_mb': 128}}, {'pool': 'rbd', 'image': 'lun2', 'backstore': 'user:rbd', 'controls': {'max_data_area_mb': 128}}, {'image': 'lun3', 'pool': 'rbd', 'controls': {}, 'backstore': 'user:rbd'}], 'clients': [{'client_iqn': 'iqn.1994-05.com.redhat:rh7-client', 'luns': [{'pool': 'rbd', 'image': 'lun1'}, {'image': 'lun3', 'pool': 'rbd'}], 'auth': {'user': 'myiscsiusername1', 'password': 'myiscsipassword1', 'mutual_password': 'myiscsipassword2', 'mutual_user': 'myiscsiusername2'}, 'info': {'alias': '', 'ip_address': [], 'state': {}}}, {'client_iqn': 'iqn.1994-05.com.redhat:rh7-client2', 'luns': [], 'auth': {'user': 'myiscsiusername3', 'password': 'myiscsipassword3', 'mutual_password': 'myiscsipassword4', 'mutual_user': 'myiscsiusername4'}, 'info': {'alias': '', 'ip_address': [], 'state': {}}}], 'acl_enabled': True, 'groups': [{'group_id': 'mygroup', 'disks': [{'pool': 'rbd', 'image': 'lun2'}], 'members': ['iqn.1994-05.com.redhat:rh7-client2']}], 'target_controls': {}, 'info': {'num_sessions': 0}}
E
E         actual body:
E         {'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7', 'portals': [{'host': 'node2', 'ip': '10.0.2.15'}, {'host': 'node2', 'ip': '192.168.100.202'}, {'host': 'node3', 'ip': '192.168.100.203'}], 'disks': [{'pool': 'rbd', 'image': 'lun1', 'controls': {'max_data_area_mb': 128}, 'backstore': 'user:rbd'}, {'pool': 'rbd', 'image': 'lun2', 'controls': {'max_data_area_mb': 128}, 'backstore': 'user:rbd'}, {'pool': 'rbd', 'image': 'lun3', 'controls': {}, 'backstore': 'user:rbd'}], 'clients': [{'client_iqn': 'iqn.1994-05.com.redhat:rh7-client', 'luns': [{'pool': 'rbd', 'image': 'lun1'}, {'pool': 'rbd', 'image': 'lun3'}], 'auth': {'user': 'myiscsiusername1', 'password': 'myiscsipassword1', 'mutual_user': 'myiscsiusername2', 'mutual_password': 'myiscsipassword2'}}, {'client_iqn': 'iqn.1994-05.com.redhat:rh7-client2', 'luns': [], 'auth': {'user': 'myiscsiusername3', 'password': 'myiscsipassword3', 'mutual_user': 'myiscsiusername4', 'mutual_password': 'myiscsipassword4'}}], 'groups': [{'group_id': 'mygroup', 'disks': [{'pool': 'rbd', 'image': 'lun2'}], 'members': ['iqn.1994-05.com.redhat:rh7-client2']}], 'target_controls': {}, 'acl_enabled': True}

```

.tox/py3/lib/python3.6/site-packages/cheroot/test/webtest.py:252: AssertionError

----- Captured stdout call -----

```

ERROR: expected body:
{'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7', 'portals': [{'host': 'node2', 'ip': '10.0.2.15'}, {'host': 'node2', 'ip': '192.168.100.202'}, {'host': 'node3', 'ip': '192.168.100.203'}], 'disks': [{'pool': 'rbd', 'image': 'lun1', 'backstore': 'user:rbd', 'controls': {'max_data_area_mb': 128}}, {'pool': 'rbd', 'image': 'lun2', 'backstore': 'user:rbd', 'controls': {'max_data_area_mb': 128}}, {'image': 'lun3', 'pool': 'rbd', 'controls': {}, 'backstore': 'user:rbd'}], 'clients': [{'client_iqn': 'iqn.1994-05.com.redhat:rh7-client', 'luns': [{'pool': 'rbd', 'image': 'lun1'}, {'image': 'lun3', 'pool': 'rbd'}], 'auth': {'user': 'myiscsiusername1', 'password': 'myiscsipassword1', 'mutual_password': 'myiscsipassword2', 'mutual_user': 'myiscsiusername2'}, 'info': {'alias': '', 'ip_address': [], 'state': {}}}, {'client_iqn': 'iqn.1994-05.com.redhat:rh7-client2', 'luns': [], 'auth': {'user': 'myiscsiusername3', 'password': 'myiscsipassword3', 'mutual_password': 'myiscsipassword4', 'mutual_user': 'myiscsiusername4'}, 'info': {'alias': '', 'ip_address': [], 'state': {}}}], 'acl_enabled': True, 'groups': [{'group_id': 'mygroup', 'disks': [{'pool': 'rbd', 'image': 'lun2'}], 'members': ['iqn.1994-05.com.redhat:rh7-client2']}], 'target_controls': {}, 'info': {'num_sessions': 0}}

```

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actual body:
{'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7', 'portals': [{'host': 'node2', 'ip': '10.0.2.15'}, {'host': 'node2', 'ip': '192.168.100.202'}, {'host': 'node3', 'ip': '192.168.100.203'}], 'disks': [{'pool': 'rbd', 'image': 'lun1', 'controls': {'max_data_area_mb': 128}, 'backstore': 'user:rbd'}, {'pool': 'rbd', 'image': 'lun2', 'controls': {'max_data_area_mb': 128}, 'backstore': 'user:rbd'}, {'pool': 'rbd', 'image': 'lun3', 'controls': {}, 'backstore': 'user:rbd'}], 'clients': [{'client_iqn': 'iqn.1994-05.com.redhat:rh7-client', 'luns': [{'pool': 'rbd', 'image': 'lun1'}, {'pool': 'rbd', 'image': 'lun3'}], 'auth': {'user': 'myiscsiusername1', 'password': 'myiscsipassword1', 'mutual_user': 'myiscsiusername2', 'mutual_password': 'myiscsipassword2'}}, {'client_iqn': 'iqn.1994-05.com.redhat:rh7-client2', 'luns': [], 'auth': {'user': 'myiscsiusername3', 'password':

```

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'myiscsipassword3', 'mutual_user': 'myiscsiusername4', 'mutual_password': 'myiscsipassword4'}},
'groups': [{'group_id': 'mygroup', 'disks': [{'pool': 'rbd', 'image': 'lun2'}], 'members': ['iqn.1
994-05.com.redhat:rh7-client2']}], 'target_controls': {}, 'acl_enabled': True}
----- Captured stderr call -----
DEBUG:dashboard:TM: created Task(ns=iscsi/target/create, md={'target_iqn': 'iqn.2003-01.com.redhat
.iscsi-gw:iscsi-igw7'})
INFO:dashboard:TM: running Task(ns=iscsi/target/create, md={'target_iqn': 'iqn.2003-01.com.redhat.
iscsi-gw:iscsi-igw7'})
DEBUG:dashboard:TEX: executing task Task(ns=iscsi/target/create, md={'target_iqn': 'iqn.2003-01.co
m.redhat.iscsi-gw:iscsi-igw7'})
DEBUG:dashboard:EX: successfully finished task: Task(ns=iscsi/target/create, md={'target_iqn': 'iq
n.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
DEBUG:dashboard:TK: execution of Task(ns=iscsi/target/create, md={'target_iqn': 'iqn.2003-01.com.r
edhat.iscsi-gw:iscsi-igw7'}) finished in: 0.001971006393432617 s
DEBUG:dashboard:NQ: processing queue: 1
INFO:cherrypy.access.34483629192:127.0.0.1 - - [26/Sep/2019:10:49:15] "POST /api/iscsi/target HTTP
/1.1" 201 4 "" ""
INFO:dashboard:TM: finished Task(ns=iscsi/target/create, md={'target_iqn': 'iqn.2003-01.com.redhat
.iscsi-gw:iscsi-igw7'})
INFO:dashboard:task finished immediately
DEBUG:dashboard:TM: created Task(ns=iscsi/target/edit, md={'target_iqn': 'iqn.2003-01.com.redhat.i
scsi-gw:iscsi-igw7'})
INFO:dashboard:TM: running Task(ns=iscsi/target/edit, md={'target_iqn': 'iqn.2003-01.com.redhat.is
csi-gw:iscsi-igw7'})
DEBUG:dashboard:TEX: executing task Task(ns=iscsi/target/edit, md={'target_iqn': 'iqn.2003-01.com.
redhat.iscsi-gw:iscsi-igw7'})
DEBUG:dashboard:EX: successfully finished task: Task(ns=iscsi/target/edit, md={'target_iqn': 'iqn.
2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
DEBUG:dashboard:TK: execution of Task(ns=iscsi/target/edit, md={'target_iqn': 'iqn.2003-01.com.red
hat.iscsi-gw:iscsi-igw7'}) finished in: 0.002953767776489258 s
INFO:cherrypy.access.34483629192:127.0.0.1 - - [26/Sep/2019:10:49:15] "PUT /api/iscsi/target/iqn.2
003-01.com.redhat.iscsi-gw:iscsi-igw7 HTTP/1.1" 200 4 "" ""
DEBUG:dashboard:NQ: processing queue: 1
INFO:cherrypy.access.34483629192:127.0.0.1 - - [26/Sep/2019:10:49:15] "GET /api/iscsi/target/iqn.2
003-01.com.redhat.iscsi-gw:iscsi-igw7 HTTP/1.1" 200 1156 "" ""
INFO:dashboard:TM: finished Task(ns=iscsi/target/edit, md={'target_iqn': 'iqn.2003-01.com.redhat.i
scsi-gw:iscsi-igw7'})
----- Captured log call -----
tools.py                440 DEBUG    TM: created Task(ns=iscsi/target/create, md={'target_iqn':
'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
tools.py                442 INFO     TM: running Task(ns=iscsi/target/create, md={'target_iqn':
'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
tools.py                545 DEBUG    TEX: executing task Task(ns=iscsi/target/create, md={'targ
et_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
tools.py                526 DEBUG    EX: successfully finished task: Task(ns=iscsi/target/creat
e, md={'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
tools.py                615 DEBUG    TK: execution of Task(ns=iscsi/target/create, md={'target_
iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'}) finished in: 0.001971006393432617 s
tools.py                381 DEBUG    NQ: processing queue: 1
_cplogging.py          293 INFO     127.0.0.1 - - [26/Sep/2019:10:49:15] "POST /api/iscsi/targ
et HTTP/1.1" 201 4 "" ""
tools.py                418 INFO     TM: finished Task(ns=iscsi/target/create, md={'target_iqn'
: 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
__init__.py           148 INFO     task finished immediately
tools.py                440 DEBUG    TM: created Task(ns=iscsi/target/edit, md={'target_iqn': '
iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
tools.py                442 INFO     TM: running Task(ns=iscsi/target/edit, md={'target_iqn': '
iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
tools.py                545 DEBUG    TEX: executing task Task(ns=iscsi/target/edit, md={'target
_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
tools.py                526 DEBUG    EX: successfully finished task: Task(ns=iscsi/target/edit,
md={'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})
tools.py                615 DEBUG    TK: execution of Task(ns=iscsi/target/edit, md={'target_iq
n': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'}) finished in: 0.002953767776489258 s
_cplogging.py          293 INFO     127.0.0.1 - - [26/Sep/2019:10:49:15] "PUT /api/iscsi/targe
t/iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7 HTTP/1.1" 200 4 "" ""
tools.py                381 DEBUG    NQ: processing queue: 1

```

```
_cplogging.py          293 INFO      127.0.0.1 - - [26/Sep/2019:10:49:15] "GET /api/iscsi/targe
t/iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7 HTTP/1.1" 200 1156 "" ""
tools.py               418 INFO      TM: finished Task(ns=iscsi/target/edit, md={'target_iqn':
'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw7'})

tests/test_iscsi.py ..F
```

Related issues:

Duplicates mgr - Bug #42187: mgr/dashboard: dashboard test fails due to adapt...

Resolved

10/06/2019

History

#1 - 09/30/2019 11:28 AM - Kefu Chai

- Description updated

it's not related to python version. this very test is failing randomly in jenkins "make check" runs.

```
tests/test_iscsi.py .....F
```

```
_____ IscsiTest.test_change_client_password _____

self = <dashboard.tests.test_iscsi.IscsiTest testMethod=test_change_client_password>
_validate_image_mock = <MagicMock name='_validate_image' id='139790026580688'>

    @mock.patch('dashboard.controllers.iscsi.IscsiTarget._validate_image')
    def test_change_client_password(self, _validate_image_mock):
        target_iqn = "iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw5"
        create_request = copy.deepcopy(iscsi_target_request)
        create_request['target_iqn'] = target_iqn
        update_request = copy.deepcopy(create_request)
        update_request['new_target_iqn'] = target_iqn
        update_request['clients'][0]['auth']['password'] = 'mynewiscsipassword'
        response = copy.deepcopy(iscsi_target_response)
        response['target_iqn'] = target_iqn
        response['clients'][0]['auth']['password'] = 'mynewiscsipassword'
> self._update_iscsi_target(create_request, update_request, response)
```

```
tests/test_iscsi.py:191:
```

```
-----
tests/test_iscsi.py:372: in _update_iscsi_target
    self.assertJsonBody(response)
tests/__init__.py:231: in assertJsonBody
    self._handlewebError(msg)
-----
```

```
self = <dashboard.tests.test_iscsi.IscsiTest testMethod=test_change_client_password>
msg = "expected body:\n{'acl_enabled': True, 'info': {'num_sessions': 0}, 'target_controls': {}, 'groups': [{'disks': [{'ima..user:rbd'}], {u'pool': u'rbd', u'image': u'lun2', u'controls': {u'max_data_area_mb': 128}, u'b ackstore': u'user:rbd'}}]"
```

```
def _handlewebError(self, msg):
    print('')
    print('    ERROR: %s' % msg)

    if not self.interactive:
>         raise self.failureException(msg)
E         AssertionError: expected body:
E         {'acl_enabled': True, 'info': {'num_sessions': 0}, 'target_controls': {}, 'groups': [{'disks': [{'image': 'lun2', 'pool': 'rbd'}], 'group_id': 'mygroup', 'members': ['iqn.1994-05.com.redhat:rh7-client2']}, {'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw5', 'clients': [{'client_iqn': 'iqn.1994-05.com.redhat:rh7-client', 'auth': {'password': 'mynewiscsipassword', 'user': 'myiscsiusername1', 'mutual_password': 'myiscsipassword2', 'mutual_user': 'myiscsiusername2'}, 'luns': [{'image': 'lun1', 'pool': 'rbd'}], 'info': {'alias': '', 'ip_address': [], 'state': {}}}, {'client_iqn': 'iqn.1994-05.com.redhat:rh7-client2', 'auth': {'password': 'myiscsipassword3', 'user': 'myiscsiusername3', 'mutual_password': 'myiscsipassword4', 'mutual_user': 'myiscsiusername4'}, 'luns': [], 'info': {'alias': '', 'ip_address': [], 'state': {}}}], 'portals': [{'host': 'node2', 'ip': '10.0.2.15'}, {'host': 'node2', 'ip': '192.168.100.202'}, {'host': 'node3', 'ip': '192.168.100.203'}], 'auth': {'password': '', 'user': '', 'mutual_password': '', 'mutual_user': ''}, 'disks': [{'backstore': 'user:rbd', 'image': 'lun1', 'pool': 'rbd', 'controls': {'max_data_area_mb': 128}}, {'backstore': 'user:rbd', 'image': 'lun2', 'pool': 'rbd', 'controls': {'max_data_area_mb': 128}}]}
E
E         actual body:
E         {u'acl_enabled': True, u'target_controls': {}, u'groups': [{u'disks': [{u'image': u'lun2', u'pool'
```

```
: u'rbd'}], u'group_id': u'mygroup', u'members': [u'iqn.1994-05.com.redhat:rh7-client2']], u'target_ign': u'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw5', u'clients': [{u'client_ign': u'iqn.1994-05.com.redhat:rh7-client', u'auth': {u'password': u'mynewiscsipassword', u'user': u'myiscsiusername1', u'mutual_password': u'myiscsipassword2', u'mutual_user': u'myiscsiusername2}}, u'luns': [{u'image': u'lun1', u'pool': u'rbd'}]}, {u'client_ign': u'iqn.1994-05.com.redhat:rh7-client2', u'auth': {u'password': u'myiscsipassword3', u'user': u'myiscsiusername3', u'mutual_password': u'myiscsipassword4', u'mutual_user': u'myiscsiusername4'}, u'luns': []}], u'portals': [{u'host': u'node2', u'ip': u'10.0.2.15'}, {u'host': u'node2', u'ip': u'192.168.100.202'}, {u'host': u'node3', u'ip': u'192.168.100.203'}], u'auth': {u'password': u'', u'user': u'', u'mutual_password': u'', u'mutual_user': u''}, u'disks': [{u'pool': u'rbd', u'image': u'lun1', u'controls': {u'max_data_area_mb': 128}, u'backstore': u'user:rbd'}, {u'pool': u'rbd', u'image': u'lun2', u'controls': {u'max_data_area_mb': 128}, u'backstore': u'user:rbd'}]}}
```

.tox/py27/local/lib/python2.7/site-packages/cheroot/test/webtest.py:251: AssertionError

#2 - 09/30/2019 11:28 AM - Kefu Chai

- Status changed from New to 12
- Priority changed from Normal to High

#3 - 10/06/2019 01:41 AM - Kefu Chai

- Assignee set to Ricardo Marques

Ricardo, could you please take a look?

#4 - 10/06/2019 01:44 AM - Kefu Chai

- Subject changed from dashboard/iscsi: Difference between a python 2.7 and 3.6 run of run-tox-mgr-dashboard to dashboard/iscsi: _update_iscsi_target fails in run-tox-mgr-dashboard

```
platform linux2 -- Python 2.7.12, pytest-3.10.1, py-1.8.0, pluggy-0.13.0
rootdir: /home/jenkins-build/build/workspace/ceph-pull-requests/src/pybind/mgr/dashboard, inifile: tox.ini
plugins: instafail-0.4.1, cov-2.8.1
collected 278 items
```

...

```
tests/test_iscsi.py ..F
```

```
_____ IscsiTest.test_add_client_to_group _____
```

```
self = <dashboard.tests.test_iscsi.IscsiTest testMethod=test_add_client_to_group>
_validate_image_mock = <MagicMock name='_validate_image' id='139683847469264'>
```

```
@mock.patch('dashboard.controllers.iscsi.IscsiTarget._validate_image')
def test_add_client_to_group(self, _validate_image_mock):
    target_ign = "iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw13"
    create_request = copy.deepcopy(iscsi_target_request)
    create_request['target_ign'] = target_ign
    update_request = copy.deepcopy(create_request)
    update_request['new_target_ign'] = target_ign
    update_request['clients'].append(
        {
```

```

        "luns": [],
        "client_iqn": "iqn.1994-05.com.redhat:rh7-client3",
        "auth": {
            "password": None,
            "user": None,
            "mutual_password": None,
            "mutual_user": None}
    })
    update_request['groups'][0]['members'].append('iqn.1994-05.com.redhat:rh7-client3')
    response = copy.deepcopy(iscsi_target_response)
    response['target_iqn'] = target_iqn
    response['clients'].append(
        {
            "luns": [],
            "client_iqn": "iqn.1994-05.com.redhat:rh7-client3",
            "auth": {
                "password": None,
                "user": None,
                "mutual_password": None,
                "mutual_user": None},
            "info": {
                "alias": "",
                "ip_address": [],
                "state": {}
            }
        }
    )
    response['groups'][0]['members'].append('iqn.1994-05.com.redhat:rh7-client3')
> self._update_iscsi_target(create_request, update_request, response)

```

tests/test_iscsi.py:322:

```

-----
tests/test_iscsi.py:372: in _update_iscsi_target
    self.assertJsonBody(response)
tests/__init__.py:231: in assertJsonBody
    self._handlewebError(msg)
-----

```

```

self = <dashboard.tests.test_iscsi.IscsiTest testMethod=test_add_client_to_group>
msg = "expected body:\n{'info': {'num_sessions': 0}, 'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw13', 'target_co...ssword': None, u'password': None, u'user': None}, u'luns': [], u'client_iqn': u'iqn.1994-05.com.redhat:rh7-client3'}]"

```

```

def _handlewebError(self, msg):
    print('')
    print('    ERROR: %s' % msg)

```

```

> if not self.interactive:
    raise self.failureException(msg)
E     AssertionError: expected body:
E     {'info': {'num_sessions': 0}, 'target_iqn': 'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw13', 'target_controls': {}, 'auth': {'mutual_user': '', 'mutual_password': '', 'password': '', 'user': ''}, 'portals': [{'host': 'node2', 'ip': '10.0.2.15'}, {'host': 'node2', 'ip': '192.168.100.202'}, {'host': 'node3', 'ip': '192.168.100.203'}], 'groups': [{'members': ['iqn.1994-05.com.redhat:rh7-client2', 'iqn.1994-05.com.redhat:rh7-client3'], 'disks': [{'image': 'lun2', 'pool': 'rbd'}], 'group_id': 'mygroup'}], 'acl_enabled': True, 'disks': [{'image': 'lun1', 'pool': 'rbd', 'controls': {'max_data_area_mb': 128}, 'backstore': 'user:rbd'}, {'image': 'lun2', 'pool': 'rbd', 'controls': {'max_data_area_mb': 128}, 'backstore': 'user:rbd'}], 'clients': [{'info': {'state': {}}, 'alias': '', 'ip_address': []}, {'auth': {'mutual_user': 'myiscsiusername2', 'mutual_password': 'myiscsipassword2', 'password': 'myiscsipassword1', 'user': 'myiscsiusername1'}, 'luns': [{'image': 'lun1', 'pool': 'rbd'}], 'client_iqn': 'iqn.1994-05.com.redhat:rh7-client'}, {'info': {'state': {}}, 'alias': '', 'ip_address': []}, {'auth': {'mutual_user': 'myiscsiusername4', 'mutual_password': 'myiscsipassword4', 'password': 'myiscsipassword3', 'user': 'myiscsiusername3'}, 'luns': [], 'client_iqn': 'iqn.1994-05.com.redhat:rh7-client2'}, {'info': {'state': {}}, 'alias': '', 'ip_address': []}, {'auth': {'mutual_password': None, 'mutual_user': None, 'user': None, 'password': None}, 'luns': [], 'client_iqn': 'iqn.1994-05.com.redhat:rh7-client3'}]}
E
E     actual body:
E     {'target_iqn': u'iqn.2003-01.com.redhat.iscsi-gw:iscsi-igw13', u'target_controls': {}, u'auth': {u'mutual_user': u'', u'mutual_password': u'', u'password': u'', u'user': u''}, u'portals': [{u'host': u'node2', u'ip': u'10.0.2.15'}, {u'host': u'node2', u'ip': u'192.168.100.202'}, {u'host': u'node3', u'ip': u'192.168.100.203'}], u'groups': [{u'members': [u'iqn.1994-05.com.redhat:rh7-client2', u'iqn.1994-05.com.redhat:rh7-client3'], u'disks': [{u'image': u'lun2', u'pool': u'rbd'}], u'group_id': u'mygroup}], u'acl_enabled': True, u'disks': [{u'image': u'lun1, u'pool': u'rbd', u'controls': {u'max_data_area_mb': 128}, u'backstore': u'user:rbd'}, {u'image': u'lun2, u'pool': u'rbd, u'controls': {u'max_data_area_mb': 128}, u'backstore': u'user:rbd'}], u'clients': [{u'auth': {u'mutual_user': u'myiscsiusername2, u'mutual_password': u'myiscsipassword2, u'password': u'myiscsipassword1, u'user': u'myiscsiusername1}, u'luns': [{u'image': u'lun1, u'pool': u'rbd'}], u'client_iqn': u'iqn.1994-05.com.redhat:rh7-client'}, {u'auth': {u'mutual_user': u'myiscsiusername4, u'mutual_pass

```

```
word': u'myiscsipassword4', u'password': u'myiscsipassword3', u'user': u'myiscsiusername3'}, u'luns': [], u'client_iqn': u'iqn.1994-05.com.redhat:rh7-client2'}, {u'auth': {u'mutual_user': None, u'mutual_password': None, u'password': None, u'user': None}, u'luns': [], u'client_iqn': u'iqn.1994-05.com.redhat:rh7-client3'}}}
```

#5 - 10/06/2019 01:45 AM - Kefu Chai

- Priority changed from High to Urgent

#6 - 10/07/2019 03:31 AM - Kefu Chai

- Related to Bug #42187: mgr/dashboard: dashboard test fails due to adaptation of iscsi response added

#7 - 10/07/2019 08:22 AM - Ricardo Marques

Isn't this already fixed by <https://github.com/ceph/ceph/pull/30582> and <https://github.com/ceph/ceph/pull/30588> ?

#8 - 10/07/2019 09:35 AM - Ricardo Marques

- Assignee changed from Ricardo Marques to Ricardo Dias

Ricardo Dias is now working on this.

See <https://tracker.ceph.com/issues/42187?#note-7> for more info.

#9 - 10/07/2019 09:46 AM - Ricardo Marques

- Assignee deleted (Ricardo Dias)

#10 - 10/07/2019 09:48 AM - Ricardo Marques

- Related to deleted (Bug #42187: mgr/dashboard: dashboard test fails due to adaptation of iscsi response)

#11 - 10/07/2019 09:48 AM - Ricardo Marques

- Duplicates Bug #42187: mgr/dashboard: dashboard test fails due to adaptation of iscsi response added

#12 - 10/07/2019 09:49 AM - Ricardo Marques

- Status changed from 12 to Duplicate