

## CephFS - Bug #37681

### qa: power off still resulted in client sending session close

12/18/2018 04:10 AM - Patrick Donnelly

<b>Status:</b> Resolved	<b>% Done:</b> 0%
<b>Priority:</b> High	
<b>Assignee:</b> Patrick Donnelly	
<b>Category:</b> Testing	
<b>Target version:</b> v15.0.0	
<b>Source:</b> Q/A	<b>Affected Versions:</b>
<b>Tags:</b>	<b>ceph-qa-suite:</b>
<b>Backport:</b> nautilus,mimic	<b>Component(FS):</b> kceph, qa-suite
<b>Regression:</b> No	<b>Labels (FS):</b>
<b>Severity:</b> 4 - irritation	<b>Pull request ID:</b> 28825
<b>Reviewed:</b>	<b>Crash signature:</b>
<b>Description</b>	
<pre>2018-12-14T23:24:05.467 DEBUG:tasks.cephfs.mount:File background_file became visible from 1 after 0s 2018-12-14T23:24:05.494 INFO:teuthology.orchestra.console:Power off smithi059 2018-12-14T23:24:05.495 DEBUG:teuthology.orchestra.console:pexpect command: ipmitool -H smithi059. ipmi.sepia.ceph.com -I lanplus -U inktank -P ApGNXC7 power off 2018-12-14T23:24:05.524 DEBUG:teuthology.orchestra.console:pexpect command: ipmitool -H smithi059. ipmi.sepia.ceph.com -I lanplus -U inktank -P ApGNXC7 power status 2018-12-14T23:24:09.553 DEBUG:teuthology.orchestra.console:pexpect command: ipmitool -H smithi059. ipmi.sepia.ceph.com -I lanplus -U inktank -P ApGNXC7 power status 2018-12-14T23:24:13.672 DEBUG:teuthology.orchestra.console:pexpect command: ipmitool -H smithi059. ipmi.sepia.ceph.com -I lanplus -U inktank -P ApGNXC7 power status 2018-12-14T23:24:17.789 DEBUG:teuthology.orchestra.console:pexpect command: ipmitool -H smithi059. ipmi.sepia.ceph.com -I lanplus -U inktank -P ApGNXC7 power status</pre>	
<b>From:</b> <a href="/ceph/teuthology-archive/pdonnell-2018-12-13_01:18:47-kcephfs-wip-pdonnell-testing-20181212.231100-distro-basic-smithi/3335083/teuthology.log">/ceph/teuthology-archive/pdonnell-2018-12-13_01:18:47-kcephfs-wip-pdonnell-testing-20181212.231100-distro-basic-smithi/3335083/teuthology.log</a>	
<pre>2018-12-14 23:24:09.334 7fd1b1036700 1 -- 172.21.15.86:6816/2023644697 &lt;== client.6072 172.21.15.59:0/3399749026 15 ==== client_session(request_close seq 15) ==== 28+0+0 (1415024270 0 0) 0x56550375c900 con 0x5655029f7800 2018-12-14 23:24:09.334 7fd1b1036700 20 mds.0.69 get_session have 0x5655036e0380 client.6072 172.21.15.59:0/3399749026 state open 2018-12-14 23:24:09.334 7fd1b1036700 3 mds.0.server handle_client_session client_session(request_close seq 15) from client.6072 2018-12-14 23:24:09.334 7fd1b1036700 20 mds.0.sessionmap mark_projected s=0x5655036e0380 name=client.6072 pv=3 -&gt; 4</pre>	
<b>From:</b> <a href="/ceph/teuthology-archive/pdonnell-2018-12-13_01:18:47-kcephfs-wip-pdonnell-testing-20181212.231100-distro-basic-smithi/3335083/remote/smithi086/log/ceph-mds.y-s.log.gz">/ceph/teuthology-archive/pdonnell-2018-12-13_01:18:47-kcephfs-wip-pdonnell-testing-20181212.231100-distro-basic-smithi/3335083/remote/smithi086/log/ceph-mds.y-s.log.gz</a>	
<b>Related issues:</b>	
Related to CephFS - Bug #40999: qa: AssertionError: u'open' != 'stale'	<b>Resolved</b>
Copied to CephFS - Backport #41128: nautilus: qa: power off still resulted in...	<b>Resolved</b>

**History****#1 - 12/18/2018 07:13 PM - Patrick Donnelly**

- Category set to Testing
- Assignee deleted (Zheng Yan)
- Start date deleted (12/17/2018)
- Severity changed from 3 - minor to 4 - irritation

**#2 - 03/07/2019 11:22 PM - Patrick Donnelly**

- Target version changed from v14.0.0 to v15.0.0

**#3 - 03/07/2019 11:32 PM - Patrick Donnelly**

- Target version deleted (v15.0.0)

**#4 - 07/01/2019 06:13 PM - Patrick Donnelly**

- Assignee set to Zheng Yan
- Priority changed from Normal to High
- Target version set to v15.0.0
- Backport changed from mimic,luminous to nautilus,mimic

## Still happening:

```
2019-06-22T02:53:59.709+0000 7f2c0168d700 1 -- [v2:172.21.15.175:6832/1453658918,v1:172.21.15.175:6833/1453658918] <== client.7633 v1:172.21.15.144:0/3786346239 15 ==== client_session(request_close seq 15) ==== 28+0+0 (unknown 3619525983 0 0) 0x55abf56918c0 con 0x55abf565b000
2019-06-22T02:53:59.709+0000 7f2c0168d700 20 mds.0.75 get_session have 0x55abf6359400 client.7633 v1:172.21.15.144:0/3786346239 state open
2019-06-22T02:53:59.709+0000 7f2c0168d700 3 mds.0.server handle_client_session client_session(request_close seq 15) from client.7633
```

From:  
/ceph/teuthology-archive/pdonnell-2019-06-21\_01:44:51-kcephfs-wip-pdonnell-testing-20190620.220400-distro-basic-smithi/4053099/remote/smithi175/log/ceph-mds.c.log.gz

Took a while to find this ticket. Here's the symptom of the problem for easy google lookup:

```
2019-06-22T02:56:35.425 INFO:tasks.cephfs_test_runner:=====
=====
2019-06-22T02:56:35.425 INFO:tasks.cephfs_test_runner:FAIL: test_evicted_caps (tasks.cephfs.test_client_recovery.TestClientRecovery)
2019-06-22T02:56:35.425 INFO:tasks.cephfs_test_runner:-----
-----
2019-06-22T02:56:35.425 INFO:tasks.cephfs_test_runner:Traceback (most recent call last):
2019-06-22T02:56:35.425 INFO:tasks.cephfs_test_runner: File "/home/teuthworker/src/git.ceph.com_ceph-c_wip-pdonnell-testing-20190620.220400/qa/tasks/cephfs/test_client_recovery.py", line 305, in test_evicted_caps
2019-06-22T02:56:35.425 INFO:tasks.cephfs_test_runner: self.assertFalse(cap_waiter.finished)
2019-06-22T02:56:35.425 INFO:tasks.cephfs_test_runner:AssertionError: True is not false
```

**#5 - 07/01/2019 06:18 PM - Patrick Donnelly**

- Subject changed from *kclient: power off still resulted in client sending session close* to *qa: power off still resulted in client sending session close*
- Status changed from *New* to *In Progress*
- Assignee changed from *Zheng Yan* to *Patrick Donnelly*
- Backport changed from *nautilus,mimic* to *nautilus,mimic,luminous*

The correct ipmitool command to simulate pulling the power plug is "power reset". "power off" will permit graceful shutdown. Thanks to David Galloway for pointing this out.

**#6 - 07/01/2019 06:24 PM - Patrick Donnelly**

- Status changed from *In Progress* to *Fix Under Review*
- Pull request ID set to *28825*

**#7 - 07/29/2019 08:09 PM - Patrick Donnelly**

- Status changed from *Fix Under Review* to *Pending Backport*
- Backport changed from *nautilus,mimic,luminous* to *nautilus,mimic*

**#8 - 07/29/2019 09:07 PM - Patrick Donnelly**

- Related to Bug #40999: *qa: AssertionError: u'open' != 'stale' added*

**#9 - 07/29/2019 09:10 PM - Patrick Donnelly**

backport note: also need fix for <https://tracker.ceph.com/issues/40999>

**#10 - 08/05/2019 11:09 PM - Patrick Donnelly**

- Copied to Backport #41128: *nautilus: qa: power off still resulted in client sending session close added*

**#11 - 08/05/2019 11:09 PM - Patrick Donnelly**

- Copied to Backport #41129: *mimic: qa: power off still resulted in client sending session close added*

**#12 - 10/11/2019 10:09 AM - Nathan Cutler**

- Status changed from *Pending Backport* to *Resolved*

While running with --resolve-parent, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".