

Ceph - Bug #21192

ceph.in: ceph tell gives EINVAL errors

08/30/2017 10:54 PM - Patrick Donnelly

Status:	Closed	Start date:	08/30/2017
Priority:	Urgent	Due date:	
Assignee:	Chang Liu	% Done:	0%
Category:	ceph cli	Estimated time:	0.00 hour
Target version:	v12.2.0	Spent time:	0.00 hour
Source:	Development	Reviewed:	
Tags:		Affected Versions:	
Backport:	luminous	ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	1 - critical	Crash signature:	

Description

On a vstart cluster following <http://docs.ceph.com/docs/master/rados/configuration/ceph-conf/#runtime-changes>

```
pdonnell@senta02 ~/ceph/build$ bin/ceph tell mds.* injectargs '--mds_cache_size = 10001'
*** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH ***
2017-08-30 18:53:36.108413 7fcf5f010700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-30 18:53:36.120089 7fcf5f010700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-30 18:53:36.158967 7fcf6d7f3700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-30 18:53:36.159262 7fcf6d7f3700 -1 asok(0x1e3caa0) AdminSocketConfigObs::init: failed: AdminSocket::bind_and_listen: failed to bind the UNIX domain socket to '/tmp/ceph-asok.F0eyT1/client.admin.2320.asok': (17) File exists
2017-08-30 18:53:36.174302 7fcf09ffb700 0 client.4297 ms_handle_reset on 127.0.0.1:6846/2527346815
2017-08-30 18:53:36.174327 7fcf09ffb700 0 client.4297 ms_handle_reset on 127.0.0.1:6845/299228287
2017-08-30 18:53:36.174386 7fcf09ffb700 0 client.4297 ms_handle_reset on 127.0.0.1:6847/2179721628
2017-08-30 18:53:36.202308 7fcf6d7f3700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-30 18:53:36.202524 7fcf6d7f3700 -1 asok(0x1e3caa0) AdminSocketConfigObs::init: failed: AdminSocket::bind_and_listen: failed to bind the UNIX domain socket to '/tmp/ceph-asok.F0eyT1/client.admin.2320.asok': (17) File exists
2017-08-30 18:53:36.213893 7fcf097fa700 0 client.4259 ms_handle_reset on 127.0.0.1:6846/2527346815
2017-08-30 18:53:36.213906 7fcf097fa700 0 client.4259 ms_handle_reset on 127.0.0.1:6845/299228287
2017-08-30 18:53:36.214007 7fcf097fa700 0 client.4259 ms_handle_reset on 127.0.0.1:6847/2179721628
Error EINVAL:
pdonnell@senta02 ~/ceph/build$ bin/ceph tell mds.a injectargs '--mds_cache_size = 10001'
*** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH ***
2017-08-30 18:53:42.054454 7f0eed5b6700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-30 18:53:42.067568 7f0eed5b6700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-30 18:53:42.104772 7f0efbd99700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-30 18:53:42.105157 7f0efbd99700 -1 asok(0x22d2aa0) AdminSocketConfigObs::init: failed: AdminSocket::bind_and_listen: failed to bind the UNIX domain socket to '/tmp/ceph-asok.F0eyT1/client.admin.2373.asok': (17) File exists
2017-08-30 18:53:42.116647 7f0e977fe700 0 client.4262 ms_handle_reset on 127.0.0.1:6845/299228287
2017-08-30 18:53:42.145215 7f0efbd99700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-30 18:53:42.145515 7f0efbd99700 -1 asok(0x23c8430) AdminSocketConfigObs::init: failed: Adm
```

```
inSocket::bind_and_listen: failed to bind the UNIX domain socket to '/tmp/ceph-asok.F0eyT1/client.admin.2373.asok': (17) File exists
2017-08-30 18:53:42.159517 7f0e977fe700 0 client.4265 ms_handle_reset on 127.0.0.1:6845/299228287
Error EINVAL:
```

```
$ bin/ceph mds tell mon.a injectargs --mds_cache_size 10001
*** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH ***
2017-08-30 18:50:07.587730 7f2addfab700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-30 18:50:07.599689 7f2addfab700 -1 WARNING: all dangerous and experimental features are enabled.
Invalid command: saw 0 of args(<string> [<string>...], expected at least 1
mds tell <who> <args> [<args>...] : send command to particular mds
Error EINVAL: invalid command
```

Related issues:

Related to fs - Bug #21191: ceph: tell mds.* results in warning

Resolved

08/30/2017

History

#1 - 08/30/2017 10:55 PM - Patrick Donnelly

- Related to Bug #21191: ceph: tell mds.* results in warning added

#2 - 08/30/2017 11:14 PM - Patrick Donnelly

Okay, the right thing to do is:

```
$ bin/ceph tell mds.* injectargs --mds_cache_size 1001
mds_cache_size = '1001' (not observed, change may require restart)
```

The standbys are not updated but that's a separate problem.

It's surprising that this works even without the fix to [#21191](#). The validation logic for injectargs is a different code-path.

As for `ceph mds tell`, that still appears to be broken?

#3 - 08/31/2017 07:57 AM - Chang Liu

- Assignee set to Chang Liu

#4 - 08/31/2017 09:27 AM - Chang Liu

```
[] build git:(master) [] bin/ceph tell mds.* injectargs '--mds_cache_size=10001'
*** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH ***
2017-08-31 17:21:46.778070 7f09b5e6c700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-31 17:21:46.791325 7f09b5e6c700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-31 17:21:46.810790 7f09c47e4700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-31 17:21:46.811112 7f09c47e4700 -1 asok(0x1d3aee0) AdminSocketConfigObs::init: failed: AdminSocket::bind_and_listen: failed to bind the UNIX domain socket to '/tmp/ceph-asok.hEeEp/client.admin.26610.asok': (17) File exists
2017-08-31 17:21:46.817195 7f096b7fe700 0 client.4144 ms_handle_reset on 127.0.0.1:6813/653633072
```

```

2017-08-31 17:21:46.817201 7f096b7fe700 0 client.4144 ms_handle_reset on 127.0.0.1:6814/2779152210
2017-08-31 17:21:46.817203 7f096b7fe700 0 client.4144 ms_handle_reset on 127.0.0.1:6815/3565352982
2017-08-31 17:21:46.832064 7f09c47e4700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-31 17:21:46.832224 7f09c47e4700 -1 asok(0x1d3aee0) AdminSocketConfigObs::init: failed: AdminSocket::bi
nd_and_listen: failed to bind the UNIX domain socket to '/tmp/ceph-asok.hEeEEp/client.admin.26610.asok': (17)
File exists
2017-08-31 17:21:46.869087 7f096b7fe700 0 client.4179 ms_handle_reset on 127.0.0.1:6813/653633072
2017-08-31 17:21:46.869101 7f096b7fe700 0 client.4179 ms_handle_reset on 127.0.0.1:6815/3565352982
2017-08-31 17:21:46.869106 7f096b7fe700 0 client.4179 ms_handle_reset on 127.0.0.1:6814/2779152210
mds_cache_size = '10001' (not observed, change may require restart)
[] build git:(master) [] bin/ceph tell osd.* injectargs '--mds_cache_size=10001'
*** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH ***
2017-08-31 17:22:02.772591 7f7a1f739700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-31 17:22:02.779543 7f7a1f739700 -1 WARNING: all dangerous and experimental features are enabled.
osd.0: mds_cache_size = '10001' (not observed, change may require restart) osd_objectstore = 'filestore' (not
observed, change may require restart)
osd.1: mds_cache_size = '10001' (not observed, change may require restart) osd_objectstore = 'filestore' (not
observed, change may require restart)
osd.2: mds_cache_size = '10001' (not observed, change may require restart) osd_objectstore = 'filestore' (not
observed, change may require restart)
[] build git:(master) [] bin/ceph tell mon.* injectargs '--mds_cache_size=10001'
*** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH ***
2017-08-31 17:22:35.606214 7fd10b5bb700 -1 WARNING: all dangerous and experimental features are enabled.
2017-08-31 17:22:35.613034 7fd10b5bb700 -1 WARNING: all dangerous and experimental features are enabled.
mon.a: injectargs:mds_cache_size = '10001' (not observed, change may require restart)
mon.b: injectargs:mds_cache_size = '10001' (not observed, change may require restart)
mon.c: injectargs:mds_cache_size = '10001' (not observed, change may require restart)

```

CLI will send "injectargs" command to active MDS only when target is "mds.*". it's bug. both "mon.*" and "osd.*" works well.

#5 - 09/05/2017 08:01 AM - Chang Liu

- Status changed from New to Closed

close this issue. I create another issue "the standbys are not updated via 'ceph tell mds.* command'", see <http://tracker.ceph.com/issues/21230>