

Ceph - Bug #21038

Upgrading from jewel to kraken - mgr create throws EACCESS: access denied

08/18/2017 11:03 AM - Iain Buclaw

Status:	Rejected	Start date:	08/18/2017
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	ceph cli	Estimated time:	0.00 hour
Target version:	v11.2.1	Spent time:	0.00 hour
Source:		Reviewed:	
Tags:		Affected Versions:	v11.2.1
Backport:		ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature:	

Description

Only issue that I found that could be similar was <http://tracker.ceph.com/issues/20848>

However, the key created looks valid, and deleting and recreating the client.bootstrap-mgr key does not fix.

```
root@mon1 ~ # ceph -s
cluster f00d2bed-436a-4cd1-bb15-deaf6c4f4495
health HEALTH_OK
monmap e22: 3 mons at {mon1=172.28.19.7:6789/0,mon2=172.28.19.10:6789/0,mon3=172.28.19.21:6789/0}
    election epoch 1620, quorum 0,1,2 mon1,mon2,mon3
    mgr no daemons active
osdmap e46255: 16 osds: 16 up, 16 in
    flags sortbitwise,require_jewel_osds,require_kraken_osds
pgmap v23318665: 6208 pgs, 3 pools, 1377 GB data, 212 Mobjects
    3374 GB used, 3539 GB / 6913 GB avail
    6208 active+clean
client io 9958 B/s rd, 16823 kB/s wr, 201 op/s rd, 2298 op/s wr
```

```
ceph-deploy@mon1:~/deploy$ ceph-deploy mgr create mon1
[ceph_deploy.conf][DEBUG ] found configuration file at: /srv/ceph/.cephdeploy.conf
[ceph_deploy.cli][INFO ] Invoked (1.5.38): /usr/bin/ceph-deploy --overwrite-conf mgr create mon1
[ceph_deploy.cli][INFO ] ceph-deploy options:
[ceph_deploy.cli][INFO ] username : None
[ceph_deploy.cli][INFO ] verbose : False
[ceph_deploy.cli][INFO ] mgr : [('mon1', 'mon1')]
[ceph_deploy.cli][INFO ] overwrite_conf : True
[ceph_deploy.cli][INFO ] subcommand : create
[ceph_deploy.cli][INFO ] quiet : False
[ceph_deploy.cli][INFO ] cd_conf : <ceph_deploy.conf.cephdeploy.Conf instance at 0x7f470ae69560>
[ceph_deploy.cli][INFO ] cluster : ceph
[ceph_deploy.cli][INFO ] func : <function mgr at 0x7f470b2bf500>
[ceph_deploy.cli][INFO ] ceph_conf : None
[ceph_deploy.cli][INFO ] default_release : False
[ceph_deploy.mgr][DEBUG ] Deploying mgr, cluster ceph hosts mon1:mon1
[mon1][DEBUG ] connection detected need for sudo
[mon1][DEBUG ] connected to host: mon1
[mon1][DEBUG ] detect platform information from remote host
[mon1][DEBUG ] detect machine type
[mon1][DEBUG ] find the location of an executable
[mon1][INFO ] Running command: sudo /sbin/initctl version
```

```
[ceph_deploy.mgr][INFO ] Distro info: Ubuntu 16.04 xenial
[ceph_deploy.mgr][DEBUG ] remote host will use upstart
[ceph_deploy.mgr][DEBUG ] deploying mgr bootstrap to mon1
[mon1][DEBUG ] write cluster configuration to /etc/ceph/{cluster}.conf
[mon1][DEBUG ] create path if it doesn't exist
[mon1][INFO ] Running command: sudo ceph --cluster ceph --name client.bootstrap-mgr --keyring /var/lib/ceph/bootstrap-mgr/ceph.keyring auth get-or-create mgr.mon1 mon allow profile mgr osd allow * mds allow * -o /var/lib/ceph/mgr/ceph-mon1/keyring
[mon1][ERROR ] Error EACCES: access denied
[mon1][ERROR ] exit code from command was: 13
[ceph_deploy.mgr][ERROR ] could not create mgr
[ceph_deploy][ERROR ] GenericError: Failed to create 1 MGRs
```

```
root@mon1 ~ # cat /var/lib/ceph/bootstrap-mgr/ceph.keyring
[client.bootstrap-mgr]
    key = AQDV9JVZ/7elLhAA67celYbMvhyZezIqK3VDwQ==
```

```
root@mon1 ~ # ceph auth list
installed auth entries:
```

```
osd.0
    key: AQAG7CxyXSP6HBAAawShVKq15j9aIa7yLVRMug==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.1
    key: AQDEKC5Yus6aNhAAJiEgx1rE7ywZdEZPclBjDg==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.10
    key: AQB0ZzRYtpxHLRAAtwKV3aqB1+XSrOBsOWTYVw==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.11
    key: AQACaDRYSKsaEBAALb3+n1KIEJsMuwSzFO8UJQ==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.12
    key: AQAtEzhYyVbEARAAGYDtAh54x79POP/sVeVjRQ==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.13
    key: AQBXDDpYEMf4JhAAQU/duEChCfX82TQ1I+6J1w==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.14
    key: AQB8FThYHs8ILBAAOERUYUzP6/drqGh7TJ+5Xw==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.15
    key: AQDtajhYEjphIxAAwWlpErZML54OWGcdA66Sgg==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.2
    key: AQDexilYbulVBhAASqRLp27uE3fWGOXc/ylhKQ==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.3
    key: AQC65y1YQzZYEBAAZohQpHz9/Sh7sybqX8YYEw==
    caps: [mon] allow profile osd
    caps: [osd] allow *
osd.4
```

```
key: AQCGYi1YVKizMhAA/6Pr/U9wmPMVQ9rbkoQwqg==
caps: [mon] allow profile osd
caps: [osd] allow *
osd.5
key: AQBmFixYmNieBBAABx4JHL+lM+agwtmOV6uz3w==
caps: [mon] allow profile osd
caps: [osd] allow *
osd.6
key: AQBF3yxYEmLzNBAAAFYlgGXW370+y+x2/dkx4Q==
caps: [mon] allow profile osd
caps: [osd] allow *
osd.7
key: AQBJLity+fiMLRAA1/0G0INJgdg5LZT4enXYKA==
caps: [mon] allow profile osd
caps: [osd] allow *
osd.8
key: AQBqTDVYvWetJxAApXjAKeN8K8JQXDgKf16jaQ==
caps: [mon] allow profile osd
caps: [osd] allow *
osd.9
key: AQABojRYL9PIExAAp6eJsRAYskofVjMD+MYFrA==
caps: [mon] allow profile osd
caps: [osd] allow *
client.admin
key: AQCZer1XQa53NRAAnPYoldfBxA97FJAEPquvBA==
caps: [mds] allow *
caps: [mon] allow *
caps: [osd] allow *
client.bootstrap-mds
key: AQCaer1XrWvHJhAA1ZKjTFjASPvkX/2yJJYqyg==
caps: [mon] allow profile bootstrap-mds
client.bootstrap-mgr
key: AQDV9JVZ/7elLhAA67celYbMvhyZezIqK3VDwQ==
caps: [mon] allow profile bootstrap-mgr
client.bootstrap-osd
key: AQCaer1XuS7FCBAADm6llPoiHFCdu54ppb69jw==
caps: [mon] allow profile bootstrap-osd
client.bootstrap-rgw
key: AQCaer1XNYryGBAAZLGGSLZHjjG1l3uamU2KaA==
caps: [mon] allow profile bootstrap-rgw
```

History

#1 - 08/18/2017 11:18 AM - Iain Buclaw

Iain Buclaw wrote:

Only issue that I found that could be similar was <http://tracker.ceph.com/issues/20848>

However, the key created looks valid, and deleting and recreating the client.bootstrap-mgr key does not fix.

I just tried on a cluster installed initially as kraken, and I get the same result.

#2 - 08/18/2017 07:25 PM - Nathan Cutler

What happens if you simply do not deploy mgr?

#3 - 08/21/2017 02:03 PM - Iain Buclaw

Nathan Cutler wrote:

What happens if you simply do not deploy mgr?

Nothing, because this is optional in kraken, and won't be a warning until luminous, right? However I don't want to upgrade to find out that I can't create/deploy an mgr there either. I was under the impression based on the documentation that it can be installed, but doesn't do anything yet.

#4 - 12/12/2017 03:43 AM - Tave liu

I reappear on jewel 10.2.10 , when create mgr []

```
[root@sx-3f3r-ceph-s3-c1-03 my-cluster]# ceph-deploy mgr create sx-3f3r-ceph-s3-c1-03
[ceph_deploy.conf][DEBUG ] found configuration file at: /root/.cephdeploy.conf
[ceph_deploy.cli][INFO ] Invoked (1.5.39): /usr/bin/ceph-deploy mgr create sx-3f3r-ceph-s3-c1-03
[ceph_deploy.cli][INFO ] ceph-deploy options:
[ceph_deploy.cli][INFO ] username           : None
[ceph_deploy.cli][INFO ] verbose           : False
[ceph_deploy.cli][INFO ] mgr               : [('sx-3f3r-ceph-s3-c1-03', 'sx-3f3r-ceph-s3-c1-03')]
[ceph_deploy.cli][INFO ] overwrite_conf    : False
[ceph_deploy.cli][INFO ] subcommand        : create
[ceph_deploy.cli][INFO ] quiet             : False
[ceph_deploy.cli][INFO ] cd_conf           : <ceph_deploy.conf.Cephdeploy.Conf instance at 0x12e2998>
[ceph_deploy.cli][INFO ] cluster           : ceph
[ceph_deploy.cli][INFO ] func              : <function mgr at 0x1276b90>
[ceph_deploy.cli][INFO ] ceph_conf         : None
[ceph_deploy.cli][INFO ] default_release   : False
[ceph_deploy.mgr][DEBUG ] Deploying mgr, cluster ceph hosts sx-3f3r-ceph-s3-c1-03:sx-3f3r-ceph-s3-c1-03
[sx-3f3r-ceph-s3-c1-03][DEBUG ] connected to host: sx-3f3r-ceph-s3-c1-03
[sx-3f3r-ceph-s3-c1-03][DEBUG ] detect platform information from remote host
[sx-3f3r-ceph-s3-c1-03][DEBUG ] detect machine type
[ceph_deploy.mgr][INFO ] Distro info: CentOS Linux 7.1.1503 Core
[ceph_deploy.mgr][DEBUG ] remote host will use systemd
[ceph_deploy.mgr][DEBUG ] deploying mgr bootstrap to sx-3f3r-ceph-s3-c1-03
[sx-3f3r-ceph-s3-c1-03][DEBUG ] write cluster configuration to /etc/ceph/{cluster}.conf
[sx-3f3r-ceph-s3-c1-03][WARNIN] mgr keyring does not exist yet, creating one
[sx-3f3r-ceph-s3-c1-03][DEBUG ] create a keyring file
[sx-3f3r-ceph-s3-c1-03][DEBUG ] create path if it doesn't exist
[ceph_deploy.mgr][ERROR ] OSError: [Errno 2] No such file or directory: '/var/lib/ceph/mgr/ceph-sx-3f3r-ceph-s3-c1-03'
[ceph_deploy][ERROR ] GenericError: Failed to create 1 MGRs
```

#5 - 12/13/2017 07:14 PM - Nathan Cutler

- Status changed from New to Rejected

There is no MGR in jewel (10.2.x). If you need MGR, you'll need to upgrade to luminous.

#6 - 12/13/2017 07:17 PM - Nathan Cutler

Be sure to follow the upgrade instructions very carefully: <http://ceph.com/releases/v12-2-0-luminous-released/#upgrading>

#7 - 03/28/2018 10:22 AM - Iain Buclaw

Nathan Cutler wrote:

Be sure to follow the upgrade instructions very carefully: <http://ceph.com/releases/v12-2-0-luminous-released/#upgrading>

Then you need to update the Kraken documentation then and say that you cannot add an MGR, even though packages are available?