

Orchestrator - Bug #45867

orchestrator: Errors while deployment are hidden behind the log wall

06/03/2020 04:08 PM - Volker Theile

Status: Resolved	% Done: 0%
Priority: Normal	
Assignee:	
Category: orchestrator	
Target version: v16.0.0	
Source:	Reviewed:
Tags: ux	Affected Versions:
Backport:	ceph-qa-suite:
Regression: No	Pull request ID:
Severity: 3 - minor	Crash signature:
Description	
<p>As an end user i expect that when running a 'ceph orch apply xxxx' command i will see the errors on the CLI when something happens that will let my command fail. Currently the command silently exits and 'ceph orch ls' does not give me any hint that something failed. What has happened is hidden in tons of log messages that i had to check manually.</p> <p>E.g. trying to deploy a 'mon' using the cephadm Vagrant box results in the following situation.</p> <p>The service spec looks like</p> <pre>└─# ceph orch ls *** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH *** 2020-06-03T16:03:30.325+0000 7f70b4189700 -1 WARNING: all dangerous and experimental features are enabled. 2020-06-03T16:03:30.393+0000 7f70b2f27700 -1 WARNING: all dangerous and experimental features are enabled. No services reported └─root@ceph-master-docker /ceph/build <deploy_prom_alertmgr_service*> └─# ceph orch ps *** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH *** 2020-06-03T16:03:35.793+0000 7efc37c81700 -1 WARNING: all dangerous and experimental features are enabled. 2020-06-03T16:03:35.849+0000 7efc37c81700 -1 WARNING: all dangerous and experimental features are enabled. No daemons reported └─root@ceph-master-docker /ceph/build <deploy_prom_alertmgr_service*> └─# ceph orch host ls *** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH *** 2020-06-03T16:04:52.009+0000 7f195fb91700 -1 WARNING: all dangerous and experimental features are enabled. 2020-06-03T16:04:52.053+0000 7f195fb91700 -1 WARNING: all dangerous and experimental features are enabled. HOST ADDR LABELS STATUS mgr0 mgr0 mon0 mon0 osd0 osd0 └─root@ceph-master-docker /ceph/build <deploy_prom_alertmgr_service*> └─# cat <<EOF > /tmp/cephadm-apply.yml service_type: mon placement: hosts: - mon0 EOF └─root@ceph-master-docker /ceph/build <deploy_prom_alertmgr_service*> └─# ceph orch apply -i /tmp/cephadm-apply.yml</pre>	

```

*** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH ***
2020-06-03T16:05:21.973+0000 7f447da39700 -1 WARNING: all dangerous and experimental features are
enabled.
2020-06-03T16:05:22.009+0000 7f447da39700 -1 WARNING: all dangerous and experimental features are
enabled.
Scheduled mon update...
└─root@ceph-master-docker /ceph/build <deploy_prom_alertmgr_service*>
└─# ceph orch ls
*** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH ***
2020-06-03T16:05:29.701+0000 7f6c307f6700 -1 WARNING: all dangerous and experimental features are
enabled.
2020-06-03T16:05:29.749+0000 7f6c307f6700 -1 WARNING: all dangerous and experimental features are
enabled.
NAME RUNNING REFRESHED AGE PLACEMENT IMAGE NAME IMAGE ID
mon 0/1 - - mon0 <unknown> <unknown>
└─root@ceph-master-docker /ceph/build <deploy_prom_alertmgr_service*>

└─root@ceph-master-docker /ceph/build <deploy_prom_alertmgr_service*>
└─# ceph config get mon public_network
*** DEVELOPER MODE: setting PATH, PYTHONPATH and LD_LIBRARY_PATH ***
2020-06-03T15:25:19.026+0000 7fdaa63f4700 -1 WARNING: all dangerous and experimental features are
enabled.
2020-06-03T15:25:19.078+0000 7fdaa5192700 -1 WARNING: all dangerous and experimental features are
enabled.

└─root@ceph-master-docker /ceph/build <deploy_prom_alertmgr_service*>

2020-06-03T16:05:22.701+0000 7fe475d14700 0 [cephadm ERROR root] Failed to apply mon spec Service
Spec({'placement': PlacementSpec(hosts=[HostPlacementSpec(hostname='mon0', network='', name='')]),
'service_type': 'mon', 'service_id': None, 'unmanaged': False}): Must set public_network config o
ption or specify a CIDR netw
>
Traceback (most recent call last):
  File "/ceph/src/pybind/mgr/cephadm/module.py", line 1861, in _apply_all_services
    if self._apply_service(spec):
  File "/ceph/src/pybind/mgr/cephadm/module.py", line 1828, in _apply_service
    create_func(daemon_id, host, network) # type: ignore
  File "/ceph/src/pybind/mgr/cephadm/services/cephadmservice.py", line 91, in create
    raise OrchestratorError('Must set public_network config option or specify a CIDR network, ceph
addrvec, or plain IP')
orchestrator._interface.OrchestratorError: Must set public_network config option or specify a CIDR
network, ceph addrvec, or plain IP
2020-06-03T16:05:22.701+0000 7fe475d14700 20 log_channel(cephadm) update_config log_to_monitors {d
efault=true} log_to_syslog {default=false} log_channels {audit=local0,default=daemon} log_prios {d
efault=info}
2020-06-03T16:05:22.701+0000 7fe475d14700 10 log_channel(cephadm) update_config to_monitors: true
to_syslog: false syslog_facility: daemon prio: info to_graylog: false graylog_host: 127.0.0.1 gray
log_port: 12201)
2020-06-03T16:05:22.701+0000 7fe475d14700 -1 log_channel(cephadm) log [ERR] : Failed to apply mon
spec ServiceSpec({'placement': PlacementSpec(hosts=[HostPlacementSpec(hostname='mon0', network='',
name='')]), 'service_type': 'mon', 'service_id': None, 'unmanaged': False}): Must set public_netw
ork config option or specify
>
Traceback (most recent call last):
  File "/ceph/src/pybind/mgr/cephadm/module.py", line 1861, in _apply_all_services
    if self._apply_service(spec):
  File "/ceph/src/pybind/mgr/cephadm/module.py", line 1828, in _apply_service
    create_func(daemon_id, host, network) # type: ignore
  File "/ceph/src/pybind/mgr/cephadm/services/cephadmservice.py", line 91, in create
    raise OrchestratorError('Must set public_network config option or specify a CIDR network, ceph
addrvec, or plain IP')
orchestrator._interface.OrchestratorError: Must set public_network config option or specify a CIDR
network, ceph addrvec, or plain IP

```

Related issues:

Related to Orchestrator - Feature #45712: Add 'state' attribute to ServiceSpec

Duplicate

Related to Orchestrator - Documentation #45858: `ceph orch status` doesn't sh...

Resolved

History**#1 - 06/04/2020 06:47 AM - Joshua Schmid**

- Related to Feature #45712: Add 'state' attribute to ServiceSpec added

#2 - 06/04/2020 07:59 AM - Sebastian Wagner

relates to <https://github.com/ceph/ceph/pull/35375>

#3 - 06/04/2020 07:59 AM - Sebastian Wagner

- Tags set to ux

#4 - 06/08/2020 12:38 PM - Sebastian Wagner

relates to <https://github.com/ceph/ceph/pull/35456>

#5 - 06/08/2020 12:45 PM - Sebastian Wagner

- Related to Documentation #45858: `ceph orch status` doesn't show in progress actions added

#6 - 07/22/2020 11:33 AM - Sebastian Wagner

- Status changed from New to Resolved

<https://github.com/ceph/ceph/pull/35456>