

Orchestrator - Bug #47745

cephadm: adopt {prometheus,grafana>alertmanager} fails with "RuntimeError: uid/gid not found"

10/05/2020 09:12 AM - Tim Serong

Status: Resolved	% Done: 0%
Priority: Normal	
Assignee: Tim Serong	
Category: cephadm/monitoring	
Target version:	
Source:	Affected Versions:
Tags:	ceph-qa-suite:
Backport: octopus	Pull request ID: 37542
Regression: No	Crash signature (v1):
Severity: 3 - minor	Crash signature (v2):
Reviewed:	
Description	
<p>This is essentially the same problem as https://tracker.ceph.com/issues/46398, but occurs when adopting prometheus/grafana/alertmanager, as opposed to when initially deploying those services:</p>	
<pre># cephadm --image 192.168.121.1:5000/caasp/v4.5/prometheus-server:2.18.0 adopt --style=legacy --name prometheus.\$(hostname) INFO:cephadm:Pulling container image 192.168.121.1:5000/caasp/v4.5/prometheus-server:2.18.0... INFO:cephadm:Non-zero exit code 1 from /usr/bin/podman run --rm --net=host --ipc=host -e CONTAINER_IMAGE=192.168.121.1:5000/caasp/v4.5/prometheus-server:2.18.0 -e NODE_NAME=admin --entrypoint stat 192.168.121.1:5000/caasp/v4.5/prometheus-server:2.18.0 -c %u %g /var/lib/ceph INFO:cephadm:stat:stderr stat: cannot stat '/var/lib/ceph': No such file or directory Traceback (most recent call last): File "/usr/sbin/cephadm", line 5758, in <module> r = args.func() File "/usr/sbin/cephadm", line 1213, in _default_image return func() File "/usr/sbin/cephadm", line 3648, in command_adopt command_adopt_prometheus(daemon_id, fsid) File "/usr/sbin/cephadm", line 3874, in command_adopt_prometheus copy_files([config_src], config_dst, uid=uid, gid=gid) File "/usr/sbin/cephadm", line 1332, in copy_files (uid, gid) = extract_uid_gid() File "/usr/sbin/cephadm", line 1864, in extract_uid_gid raise RuntimeError('uid/gid not found') RuntimeError: uid/gid not found</pre>	
<p>The problem here is that <code>command_adopt_prometheus()</code> correctly calls <code>extract_uid_gid_monitoring(daemon_type)</code>, but if the uid and gid returned are 0 (i.e. the root user), the subsequent call to <code>copy_files()</code> checks if not uid or not gid (which of course matches, because those values are 0), then calls <code>extract_uid_gid()</code>, which tries to <code>stat /var/lib/ceph</code>, which of course doesn't exist inside the monitoring container images. The fix is to change this to if uid is None or gid is None.</p>	
Related issues:	
Related to Orchestrator - Bug #46398: cephadm: can't use custom prometheus image	Resolved

History

#1 - 10/05/2020 09:12 AM - Tim Serong

- Related to Bug #46398: cephadm: can't use custom prometheus image added

#2 - 10/05/2020 09:21 AM - Tim Serong

- Status changed from New to Fix Under Review

- Pull request ID set to 37542

#3 - 10/10/2020 11:38 AM - Kefu Chai

- Status changed from Fix Under Review to Pending Backport

#4 - 12/11/2020 06:47 PM - Sebastian Wagner

- Status changed from Pending Backport to Resolved