

ceph-volume - Bug #22988

mount check needs to resolve realpaths

02/13/2018 03:44 PM - Alfredo Deza

Status: Resolved	% Done: 0%
Priority: Immediate	
Assignee: Alfredo Deza	
Category:	
Target version: v12.2.3	
Source:	Reviewed:
Tags:	Affected Versions:
Backport:	ceph-qa-suite:
Regression: No	Pull request ID:
Severity: 3 - minor	Crash signature:
Description	
<p>The default behavior of checking for realpaths in the system utilities got changed to avoiding them:</p> <pre>commit 469d01dc1aee8d6528944ef0acec58df868a9da7 Author: Alfredo Deza <adeza@redhat.com> Date: Tue Jan 30 09:22:19 2018 -0500 ceph-volume util.system do not 'translate' using realpath Using realpath always means that device mapper paths, like for dmccrypt or LVM will get mangled and will return something like `/dev/dm-1` which is not useful for anything in ceph-volume</pre>	
<p>This is causing certain paths to be reported as "unmounted" so the system will try to mount regardless and then fail:</p> <pre>Running command: mount -v /dev/test_group/data-lv2 /var/lib/ceph/osd/ceph-0 stderr: mount: /dev/mapper/test_group-data--lv2 is already mounted or /var/lib/ceph/osd/ceph-0 bu sy /dev/mapper/test_group-data--lv2 is already mounted on /var/lib/ceph/osd/ceph-0</pre>	
<p>The fix is to optionally allow resolving paths, in addition to checking the stderr output in case of a non-zero exit status so that an "already mounted" error can be ignored.</p>	

History

#1 - 02/13/2018 06:33 PM - Alfredo Deza

- Status changed from In Progress to Fix Under Review

PR opened at <https://github.com/ceph/ceph/pull/20427>

#2 - 02/15/2018 08:27 PM - Alfredo Deza

- Status changed from Fix Under Review to Resolved

merged commit 5f7c250 into master