



# **SnapDrive storage create command fails when multiple SAN paths are present but multipathing is disabled**

Snapdrive for Unix

Ivana Devine  
January 25, 2021

# Table of Contents

SnapDrive storage create command fails when multiple SAN paths are present but multipathing is disabled . . 1

# SnapDrive storage create command fails when multiple SAN paths are present but multipathing is disabled

The SnapDrive storage `create` command fails when multiple SAN paths are present but multipathing is disabled.

For example, for two iSCSI LIFs for an SVM:

```
[root@scspr0189449001 etc]# iscsiadm --mode session --rescan
Rescanning session [sid: 1, target: iqn.1992-
08.com.netapp:sn.f7335762b23e11e695360050569c153a:vs.3, portal:
10.224.70.253,3260]
Rescanning session [sid: 2, target: iqn.1992-
08.com.netapp:sn.f7335762b23e11e695360050569c153a:vs.3, portal:
10.224.70.254,3260]
```

When `multipathing-type` is set to `none` in the `snapdrive.conf` file and the `multipath` service is disabled, trying a storage create using LVM, returns the following error:

```
root@scspr0189449001 etc]# snapdrive storage create -fs /mnt/test -lun
rgvsim:/vol/asmvol/test -lunsize 500m
  LUN rgvsim:/vol/asmvol/test ... created
  mapping new lun(s) ... done
  discovering new lun(s) ... *failed*
  Cleaning up ...
    - LUN rgvsim:/vol/asmvol/test ... deleted
    0001-422 Admin error: LVM initialization of luns failed:
    Device /dev/sdb,/dev/sdc not found (or ignored by filtering).
```

This happens because the `pvcreate` command uses both the devices separated by a comma as a single device `pvcreate /dev/sdb,/dev/sdc` and a device named `/dev/sdb,/dev/sdc` that does not exist.

When there are multiple paths to storage and LVM needs to be used, then multipathing must be enabled.

## Copyright Information

Copyright © 2021 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system- without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

## Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.