



Troubleshooting storage system renaming issue

SnapManager Oracle

Aksel Davis
January 29, 2021

Table of Contents

Troubleshooting storage system renaming issue 1

Troubleshooting storage system renaming issue

You might face issues when renaming a storage system or after you have successfully renamed the storage system.

When you try to rename the storage system, the operation might fail with the following error message: SMO-05085 No storage controller "fas3020-rtp07New" is found to be associated with the profile

You must enter the IP address or name of the storage system that is listed when you run the `smo storage list` command.

After you rename the storage system, SnapManager operations might fail if SnapManager fails to recognize the storage system. You must perform some additional steps in the DataFabric Manager server host and the SnapManager server host to resolve this issue.

Perform the following steps in the DataFabric Manager server host:

1. Delete the IP address and host of the earlier storage system in the host file located at `/etc/hosts` in the DataFabric Manager server host.
2. Add the new IP address and host of the new storage system in the host file located at `/etc/hosts` in the DataFabric Manager server host.
3. Change the storage host name by entering the following command: `dfm host rename -a old_host_name new_host_name`
4. Set the new IP address in the host by entering the following command: `dfm host set old_host_name_or_objid hostPrimaryAddress = new_storage_controller_ip_address`



You must perform this step only if you have specified the IP address as the new storage system name.

5. Update the new storage system name in the DataFabric Manager server host by entering the following command: `dfm host diag old_storage_name`

You can verify that the earlier storage controller name is replaced with new storage controller name by entering the following command: `dfm host discover new_storage_name`

Perform the following steps as a root user in the SnapManager server host.



When you enter the new storage controller name, ensure that you use the system alias name and not the fully qualified domain name (FQDN).

1. Delete the earlier storage system name by entering the following command: `snapdrive config delete old_storage_name`



If you do not delete the earlier storage system name, then all the SnapManager operations fail.

2. Delete the IP address and host of the earlier storage system in the host file located at `etc/hosts` in the target database host.
3. Add the new IP address and host of the new storage system in the host file located at `/etc/hosts` in the target database host.

4. Add the new storage system name by entering the following command: `snapdrive config set root new_storage_name`
5. Map the earlier and later storage system names by entering the following command: `snapdrive config migrate set old_storage_name new_storage_name`
6. Delete the management path of the earlier storage system by entering the following command: `snapdrive config delete -mgmtpath old_storage_name`
7. Add the management path for the new storage system by entering the following command: `snapdrive config set -mgmtpath new_storage_name`
8. Update the dataset for both data files and archive log files with the new storage system name by entering the following command: `snapdrive dataset changehostname -ndataset_name-oldnameold_storage_name -newnamenew_storage_name`
9. Update the profile for the new storage system name by entering the following command: `smo storage rename -profileprofile_name-oldnameold_storage_name-newnamenew_storage_name`
10. Verify the storage system associated with the profile by entering the following command: `smo storage list -profileprofile_name`

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.