



Disable qtree functionality in FlexGroup volumes before reverting

ONTAP 9

aherbin
April 27, 2021

This PDF was generated from https://docs.netapp.com/us-en/ontap/revert/task_disabling_qtrees_in_flexgroup_volumes_before_reverting.html on May 08, 2021. Always check docs.netapp.com for the latest.

Table of Contents

Disable qtree functionality in FlexGroup volumes before reverting 1

Disable qtree functionality in FlexGroup volumes before reverting

Qtrees for FlexGroup volumes are not supported prior to ONTAP 9.3. You must disable the qtree functionality on FlexGroup volumes before reverting from ONTAP 9.3 to an earlier version of ONTAP.

The qtree functionality is enabled either when you create a qtree or if you modify the security-style and oplock-mode attributes of the default qtree.

1. Identify and delete all of the non-default qtrees in each FlexGroup volume that are enabled with the qtree functionality:
 - a. Log in to the advanced privilege level: `set -privilege advanced`
 - b. Verify if any FlexGroup volume is enabled with the qtree functionality.

For ONTAP 9.6 or later, use: `volume show is-qtree-caching-enabled true`

For ONTAP 9.5 or earlier, use: `volume show -is-flexgroup-qtree-enabled true`

```
cluster1::*> volume show -is-flexgroup-qtree-enabled true
Vserver   Volume      Aggregate    State      Type      Size
Available Used%
-----
vs0       fg          -            online     RW        320MB
220.4MB   31%
```

- c. Delete all of the non-default qtrees in each FlexGroup volume that are enabled with the qtree functionality: `volume qtree delete -vserver svm_name -volume volume_name -qtree qtree_name`

If the qtree functionality is enabled because you modified the attributes of the default qtree and if you do not have any qtrees, you can skip this step.

```
cluster1::*> volume qtree delete -vserver vs0 -volume fg -qtree
qtree4
WARNING: Are you sure you want to delete qtree qtree4 in volume fg
vserver vs0? {y|n}: y
[Job 38] Job is queued: Delete qtree qtree4 in volume fg vserver vs0.
```

2. Disable the qtree functionality on each FlexGroup volume: `volume flexgroup qtree-disable -vserver svm_name -volume volume_name`

```
cluster1::*> volume flexgroup qtree-disable -vserver vs0 -volume fg
```

3. Identify and delete any Snapshot copies that are enabled with the qtree functionality.

- a. Verify if any Snapshot copies are enabled with the qtree functionality: `volume snapshot show -vserver vs0 -volume fg -fields is-flexgroup-qtrees-enabled`

```
cluster1::> volume snapshot show -vserver vs0 -volume fg -fields is-
flexgroup-qtrees-enabled
vserver volume snapshot is-flexgroup-qtrees-enabled
-----
vs0      fg      fg_snap1 true
vs0      fg      daily.2017-09-27_0010 true
vs0      fg      daily.2017-09-28_0010 true
vs0      fg      snapmirror.0241f354-a865-11e7-a1c0-
00a098a71764_2147867740.2017-10-04_124524 true
```

- b. Delete all of the Snapshot copies that are enabled with the qtree functionality: `volume snapshot delete -vserver vs0 -volume fg -snapshot snapshot_name -force true -ignore-owners true`

The Snapshot copies that must be deleted include regular Snapshot copies and the Snapshot copies taken for SnapMirror relationships. If you have created any SnapMirror relationship for the FlexGroup volumes with a destination cluster that is running ONTAP 9.2 or earlier, you must delete all of the Snapshot copies that were taken when the source FlexGroup volume was enabled for the qtree functionality.

```
cluster1::> volume snapshot delete -vserver vs0 -volume fg -snapshot
daily.2017-09-27_0010 -force true -ignore-owners true
```

Related information

[FlexGroup volumes management](#)

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.