



Junction Path

System Manager Classic

NetApp
January 13, 2022

Table of Contents

- Junction Path 1
- Mounting volumes 1
- Unmounting FlexVol volumes 1
- Changing export policies 1
- Junction Path window 2

Junction Path

You can use the Junction Path window in System Manager to mount or unmount FlexVol volumes to a junction in the SVM namespace.

Mounting volumes

You can use System Manager to mount volumes to a junction in the storage virtual machine (SVM) namespace.

About this task

- If you mount a volume to a junction path with a language setting that is different from that of the immediate parent volume in the path, NFSv3 clients cannot access some of the files because some characters might not be decoded correctly.

This issue does not occur if the immediate parent directory is the root volume.

- You can mount a SnapLock volume only under the root of the SVM.
- You cannot mount a regular volume under a SnapLock volume.

Steps

1. Click **Storage > Junction Path**.
2. From the drop-down menu in the **SVM** field, select the SVM on which you want to mount a volume.
3. Click **Mount**, and then select the volume that is to be mounted.
4. If you want to change the default junction name, specify a new name.
5. Click **Browse**, and then select the junction path to which you want to mount the volume.
6. Click **OK**, and then click **Mount**.
7. Verify the new junction path in the **Details** tab.

Unmounting FlexVol volumes

You can use the Junction Path option of Storage pane in System Manager to unmount FlexVol volumes from a junction in the storage virtual machine (SVM) namespace.

Steps

1. Click **Storage > Junction Path**.
2. From the drop-down menu in the **SVM** field, select the SVM from which you want to unmount a volume.
3. Select the volumes that have to be unmounted, and then click **Unmount**.
4. Select the confirmation check box, and then click **Unmount**.

Changing export policies

When a volume is created, the volume automatically inherits the default export policy of the root volume of the storage virtual machine (SVM). You can use System Manager to change the default export policy that is associated with the volume to redefine the client

access to data.

Steps

1. Click **Storage > Junction Path**.
2. From the drop-down menu in the **SVM** field, select the SVM in which the volume that you want to modify resides.
3. Select the volume, and then click **Change Export Policy**.
4. Select the export policy, and then click **Change**.
5. Verify that the **Export Policy** column in the **Junction Path** window displays the export policy that you applied to the volume.

Results

The default export policy is replaced with the export policy that you selected.

Junction Path window

You can use the Junction Path menu to manage the NAS namespace of storage virtual machines (SVMs).

Command buttons

- **Mount**

Opens the Mount Volume dialog box, which enables you to mount a volume to the junction in an SVM namespace.

- **Unmount**

Opens the Unmount Volume dialog box, which enables you to unmount a volume from its parent volume.

- **Change Export Policy**

Opens the Change Export Policy dialog box, which enables you to change the existing export policy associated with the volume.

- **Refresh**

Updates the information in the window.

Junction Path list

- **Path**

Specifies the junction path of the mounted volume. You can click the junction path to view the related volumes and qtrees.

- **Storage Object**

Specifies the name of the volume mounted on the junction path. You can also view the qtrees that the volume contains.

- **Export Policy**

Specifies the export policy of the mounted volume.

- **Security Style**

Specifies the security style for the volume. Possible values include UNIX (for UNIX mode bits), NTFS (for CIFS ACLs), and Mixed (for mixed NFS and CIFS permissions).

Details tab

Displays general information about the selected volume or qtree, such as the name, type of storage object, junction path of the mounted object, and export policy. If the selected object is a qtree, details about the space hard limit, space soft limit, and space usage are displayed.

Copyright Information

Copyright © 2022 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.