



Mount and unmount database backups

SnapCenter Software

Soumik Das, Archana
June 11, 2021

This PDF was generated from https://docs.netapp.com/us-en/snapcenter/protect-sco/task_mount_and_unmount_databases_backups.html on June 18, 2021. Always check docs.netapp.com for the latest.

Table of Contents

- Mount and unmount database backups 1
 - Mount a database backup 1
 - Unmount a database backup 2

Mount and unmount database backups

You can mount a single or multiple data and log only backups if you want to access the files in the backup. You can either mount the backup to the same host where the backup was created or to a remote host having same type of Oracle and host configurations. If you have manually mounted the backups, you should manually unmount the backups after completing the operation. You can mount the database backup only once on a host for a specific database. While performing an operation, you can mount only a single backup.



In a Flex ASM setup, you cannot perform mount operation on Leaf nodes if the cardinality is less than the number nodes in the RAC cluster.

Mount a database backup

You should manually mount a database backup if you want to access the files in the backup.

What you will need

- If you have an Automatic Storage Management (ASM) database instance in an NFS environment and want to mount the ASM backups, you should have added the ASM disk path `/var/opt/snapcenter/sco/backup*/**/*` to the existing path defined in the `asm_diskstring` parameter.
- If you have an ASM database instance in an NFS environment and want to mount the ASM log backups as part of a recovery operation, you should have added the ASM disk path `/var/opt/snapcenter/scu/clones/*/*_*` to the existing path defined in the `asm_diskstring` parameter.
- In the `asm_diskstring` parameter, you should configure `AFD:*` if you are using ASMFD or configure `ORCL:*` if you are using ASMLIB.



For information on how to edit the `asm_diskstring` parameter, see [How to add disk paths to asm_diskstring](#).


- If you want to mount to an alternate host, you must verify that the alternate host meets the following requirements:
 - Same UID and GID as that of the original host
 - Same Oracle version as that of the original host
 - Same OS distribution and version as that of the original host

Steps

1. In the left navigation pane, click **Resources**, and then select the appropriate plug-in from the list.
2. In the Resources page, select either **Database** or **Resource Group** from the **View** list.
3. Select the database either from the database details view or from the resource group details view.

The database topology page is displayed.

4. From the Manage Copies view, select **Backups** either from the primary or secondary (mirrored or replicated) storage system.

5. Select the backup from the table, and then click .
6. In the Mount backups page, select the host on which you want to mount the backup from the **Choose the host to mount the backup** drop-down list.

The mount path `/var/opt/snapcenter/sco/backup_mount/backup_name/database_name` is displayed.

If you are mounting the backup of an ASM database, the mount path `+diskgroupname_SID_backupid` is displayed.

7. Click **Mount**.

After you finish

- You can run the following command to retrieve the information related to the mounted backup:

```
./sccli Get-SmBackup -BackupName backup_name -ListMountInfo
```

- If you have mounted an ASM database, you can run the following command to retrieve the information related to the mounted backup:

```
./sccli Get-Smbbackup -BackupNamediskgroupname_SID_backupid-listmountinfo
```

- To retrieve the backup ID, run the following command:

```
./sccli Get-Smbbackup-BackupNamebackup_name
```

The information regarding the parameters that can be used with the command and their descriptions can be obtained by running `Get-Help command_name`. Alternatively, you can also refer to the [SnapCenter Software Command Reference Guide](#).


Unmount a database backup

You can manually unmount a mounted database backup when you no longer want to access files on the backup.

Steps

1. In the left navigation pane, click **Resources**, and then select the appropriate plug-in from the list.
2. In the Resources page, select either **Database** or **Resource Group** from the **View** list.
3. Select the database either from the database details view or from the resource group details view.

The database topology page is displayed.

4. Select the backup that is mounted, and then click .
5. Click **OK**.

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.