



# Using SnapManager for Oracle to restore a local backup on primary storage

## SnapManager Oracle

NetApp  
February 05, 2021

# Table of Contents

Using SnapManager for Oracle to restore a local backup on primary storage ..... 1

# Using SnapManager for Oracle to restore a local backup on primary storage

You can restore local backups that exist on primary storage. The entire process is performed using SnapManager for Oracle.

You can also preview information about a backup restore process. You might want to do this to see information about restore eligibility of a backup. SnapManager analyzes data on a backup to determine whether the restore process can be completed by using the volume-based restore or the file-based restore method.

The restore preview shows the following information:

- Which restore mechanism (fast restore, storage-side file system restore, storage-side file restore, or host-side file copy restore) will be used to restore each file.
- Why more efficient mechanisms were not used to restore each file.

In preview of the restore plan, SnapManager does not restore anything. The preview shows information up to 20 files.

If you want to preview a restore of data files but the database is not mounted, then SnapManager mounts the database. If the database cannot be mounted, then the operation fails and SnapManager returns the database to its original state.

1. From the Repository tree, right-click the backup you want to restore, and select **Restore**.
2. On the Restore and Recovery Wizard Welcome page, click **Next**.
3. On the Restore Configuration Information page, select **Complete Datafile/Tablespace Restore with Control Files**.
4. Click **Allow shutdown of database if necessary**.

SnapManager changes the database state, if necessary. For example, if the database is offline and it needs to be online, SnapManager forces it online.

5. On the Recovery Configuration Information page, click **All Logs**.

SnapManager restores and recovers the database to the last transaction and applies all required logs.

6. On the Restore Source Location Configuration page, view the information about the backup on primary and click **Next**.

If the backup exists only on primary storage, SnapManager restores the backup from the primary storage.

7. On the Volume Restore Configuration Information page, select **Attempt volume restore** to attempt volume restore method.
8. Click **Fallback to file-based restore**.

This allows SnapManager to use the file-based restore method if the volume restore method cannot be used.

9. Click **Preview** to see the eligibility checks for fast restore and information about mandatory and overridable checks.

10. On the Perform Operation page, verify the information you have entered, and click **Restore**.
11. To view details about the process, click **Operation Details**.

## 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.