



Backing up your database

SnapManager Oracle

NetApp
February 05, 2021

Table of Contents

Backing up your database 1

Backing up your database

After creating a profile, you must back up your database. You can schedule recurring backups after the initial backup and verification.

These steps show how to create a backup of your database using the SnapManager user interface. You can also use the command-line interface (CLI) if you prefer.

For information about how to create backups using CLI, see the *SnapManager for Oracle Administration Guide for UNIX*.

1. From the Repositories tree, right-click the profile containing the database you want to back up, and select **Backup**.
2. In **Label**, enter a custom name for the backup.

You must not include spaces or special characters in the name. If you do not specify a name, SnapManager automatically creates a backup label.

From SnapManager 3.4, you can modify the backup label created automatically by SnapManager. You can edit the `override.default.backup.pattern` and `new.default.backup.pattern` configuration variables to create your own default backup label pattern.

3. Select **Allow startup or shutdown of database, if necessary** to modify the state of the database, if required.

This option ensures that if the database is not in the required state to create a backup, SnapManager automatically brings the database to the desired state to complete the operation.

4. On the Database, Tablespaces or Datafiles to Backup page, perform the following:
 - a. Select **Backup Datafiles** to back up either the full database, selected data files, or selected tablespaces.
 - b. Select **Backup Archivelogs** to back up the archive log files separately.
 - c. Select **Prune Archivelogs** if you want to delete the archive log files from the active file system that is already backed up.



If Flash Recovery Area (FRA) is enabled for archive log files, then SnapManager fails to prune the archive log files.

- d. Select **Protect the backup** if you want to enable backup protection.

This option is enabled only if the protection policy was selected while creating the profile.

- e. Select **Protect Now** if you want to protect the backup immediately to the secondary storage overriding Protection Manager's protection schedule.
- f. From the **Type** drop-down list, select the type of backup (offline or online) you want to create.

If you select Auto, SnapManager creates a backup based on the current state of the database.

- g. From the **Retention Class** drop-down list, select the retention class.
- h. Select the **Verify backup using the Oracle DBVERIFY utility** check box if you want to ensure that the backed-up files are not corrupted.

5. On the Task Enabling page, specify whether you want to perform tasks before and after backup operations are completed.
6. On the Perform Backup Operation page, verify the information and click **Backup**.
7. Click **Finish** to close the wizard.

If the operation fails, click **Operation Details** to view what caused the operation to fail.

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.