Backup application volumes

SnapCenter software

NetApp
January 09, 2026

This PDF was generated from https://docs.netapp.com/us-en/snapcenter/protect-sco/backup-application-volume.html on January 09, 2026. Always check docs.netapp.com for the latest.

Table of Contents

Backup application volumes . . . 1
Back up application volume . . . 1
Back up the application volumes resource group . . . 2

Backup application volumes

Back up application volume

If the application volume is not part of any resource group, you can back up the application volume from the Resources page.

About this task

By default, consistency group (CG) backups are created. If you want to create volume based backups, you should set the value of **EnableOracleNdvVolumeBasedBackup** to true in the *web.config* file.

Steps

1. In the left navigation pane, click **Resources**, and then select the Oracle Database plug-in from the list.
2. In the Resources page, select **Application Volume** from the **View** list.
3. Click , and then select the host name and the database type to filter the resources.

   You can then click to close the filter pane.
4. Select the application volume that you want to back up.

   The Application volume-Protect page is displayed.
5. In the Resource page, perform the following actions:

For this field…	Do this…
Use custom name format for Snapshot copy	Select this check box, and then enter a custom name format that you want to use for the Snapshot name. For example, customtext__policy_hostname or resource_hostname. By default, a timestamp is appended to the Snapshot name.
Exclude archive log destinations from backup	Specify the destinations of the archive log files that you do not want to back up.

6. In the Policies page, perform the following steps:

   a. Select one or more policies from the drop-down list.

   You can also create a policy by clicking .

   In the Configure schedules for selected policies section, the selected policies are listed.

   a. Click in the Configure Schedules column for the policy for which you want to configure a schedule.

b. In the Add schedules for policy *policy_name* window, configure the schedule, and then click **OK**.

policy_name is the name of the policy that you have selected.

The configured schedules are listed in the Applied Schedules column.

7. In the Notification page, from the **Email preference** drop-down list, select the scenarios in which you want to send the emails.

You must also specify the sender and receiver email addresses, and the subject of the email. If you want to attach the report of the backup operation performed on the resource, and then select **Attach Job Report**.

For email notification, you must have specified the SMTP server details using the either the GUI or the PowerShell command Set-SmSmtpServer.

8. Review the summary, and then click **Finish**.

The application volume topology page is displayed.

9. Click **Back up Now**.
10. In the Backup page, perform the following steps:
    a. If you have applied multiple policies to the resource, from the **Policy** drop-down list, select the policy that you want to use for backup.
    b. Click **Backup**.
11. Monitor the operation progress by clicking **Monitor** > **Jobs**.

Back up the application volumes resource group

You can back up the resource group containing only application volumes or a mix of application volumes and database. A backup operation on the resource group is performed on all resources defined in the resource group.

If the resource group has multiple application volumes, all the application volumes should either have SnapMirror or SnapVault replication policy.

About this task

By default, consistency group (CG) backups are created. If you want to create volume based backups, you should set the value of **EnableOracleNdvVolumeBasedBackup** to true in the *web.config* file.

Steps

1. In the left navigation pane, click **Resources**, and then select the Oracle Database plug-in from the list.
2. In the Resources page, select **Resource Group** from the **View** list.

You can search the resource group either by entering the resource group name in the search box, or by clicking , and then selecting the tag. You can then click to close the filter pane.

3. In the Resource Groups page, select the resource group that you want to back up, and then click **Back up Now**.

4. In the Backup page, perform the following steps:
    a. If you have associated multiple policies with the resource group, from the **Policy** drop-down list, select the policy that you want to use for backup.

        If the policy selected for the on-demand backup is associated with a backup schedule, the on-demand backups will be retained based on the retention settings specified for the schedule type.

    b. Click **Backup**.
5. Monitor the operation progress by clicking **Monitor** > **Jobs**.

> Verification operation will be performed only for the databases and not for the application volumes.

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