



Back up Oracle database resource groups

SnapCenter Software

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A resource group is a collection of resources on a host or cluster. A backup operation on the resource group is performed on all resources defined in the resource group.

You can back up a resource group on demand from the Resources page. If a resource group has a policy attached and a schedule configured, then backups occur automatically according to the schedule.

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



If you have a federated resource group with two databases and one of the database has datafile on non-NetApp storage, the backup operation is aborted even though the other database is on NetApp storage.

4. On 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**.

After you finish

- In AIX setup, you can use the `lkdev` command to lock and the `rendev` command to rename the disk groups on which the database that was backed up was residing.

Locking or renaming of devices will not affect the restore operation when you restore using that backup.

- If the backup operation fails because database query execution time exceeded the timeout value, you should change the value of the `ORACLE_SQL_QUERY_TIMEOUT` and `ORACLE_PLUGIN_SQL_QUERY_TIMEOUT` parameters by running the `Set-SmConfigSettings` cmdlet:

After modifying the value of the parameters, restart the SnapCenter Plug-in Loader (SPL) service by running the following command `/opt/NetApp/snapcenter/spl/bin/spl restart`

- If the file is not accessible and the mount point is unavailable during the verification process, the operation might fail with error code `DBV-00100` specified file. You should modify the values of the `VERIFICATION_DELAY` and `VERIFICATION_RETRY_COUNT` parameters in `sco.properties`.

After modifying the value of the parameters, restart the SnapCenter Plug-in Loader (SPL) service by

running the following command `/opt/NetApp/snapcenter/spl/bin/spl restart`

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