



Back up a single resource on demand for Windows file systems

SnapCenter Software

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If a resource is not in a resource group, you can back up the resource on demand from the Resources page.

About this task

If you want to back up a resource that has a SnapMirror relationship with secondary storage, the role assigned to the storage user should include the “snapmirror all” privilege. However, if you are using the “vsadmin” role, then the “snapmirror all” privilege is not required.



When backing up a file system, SnapCenter does not back up LUNs that are mounted on a volume mount point (VMP) in the file system that is being backed up.



If you are working in a Windows file system context, do not back up database files. Doing so creates an inconsistent backup and a possible loss of data when restoring. To protect database files, you must use the appropriate SnapCenter plug-in for the database (for example, SnapCenter Plug-in for Microsoft SQL Server, SnapCenter Plug-in for Microsoft Exchange Server, or a custom plug-in for database files).

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 the File System resource type, and then select the resource that you want to back up.
3. If the File System - Protect wizard does not start automatically, click **Protect** to start the wizard.


Specify the protection settings, as described in the Creating resource groups tasks.

4. Optional: In the Resource page of the wizard, enter a custom name format for the Snapshot copy.


For example, customtext_resourcegroup_policy_hostname or resourcegroup_hostname. By default, a timestamp is appended to the Snapshot copy name.

5. In the Policies page, perform the following tasks:
 - a. Select one or more policies from the drop-down list.

You can select any existing policy, and then click **Details** to determine whether you can use that policy.

If no existing policy meets your requirements, you can copy an existing policy and modify it or you can create a new policy by clicking  to start the policy wizard.

The selected policies are listed in the Policy column in the Configure schedules for selected policies section.

- b. In the Configure schedules for selected policies section, click  in the Configure Schedules column for the policy for which you want to configure the schedule.

- c. In the Add schedules for policy *policy_name* dialog box, configure the schedule by specifying the start date, expiration date, and frequency, and then click **Finish**.

The configured schedules are listed in the Applied Schedules column in the Configure schedules for selected policies section.

Scheduled operations might fail

6. In the Notification page, perform the following tasks:

For this field...	Do this...
Email preference	Select Always , or On Failure , or On failure or warning , to send emails to recipients after creating backup resource groups, attaching policies, and configuring schedules. Enter the SMTP server information, default email subject line, and the “To” and “From” email addresses.
From	Email address
To	Email to address
Subject	Default email subject line

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

The database topology page is displayed.

8. Click **Back up Now**.

9. On 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.

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**.

10. Monitor the operation progress by clicking **Monitor > Jobs**.

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