



Managing retention policies

Snap Creator Framework

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Table of Contents

- Managing retention policies 1
 - Creating backup types 1
 - Creating policy schedules 1
 - Creating policies 2
 - Assigning policies 3
 - Viewing retention policies 4
 - Deleting retention policies 4

Managing retention policies

You can create retention policies, as well as list and delete the policies.

A retention policy typically defines Snapshot retention settings, such as how many Snapshot copies should be retained and for how long. For example, a daily policy might retain 30 days of Snapshot copies that must be at least 30 days old. (The retention age setting prevents multiple Snapshot copies that were created on the same day from bypassing service-level agreements (SLAs) that might state that a Snapshot copy must be 30 days old.)

If SnapVault is used, the policy also defines the retention settings for the SnapVault copy.

Creating backup types

You can optionally create a backup type using the Snap Creator GUI to help identify the purpose of a policy.

1. From the Snap Creator GUI main menu, select **Policy > Backup Type**.
2. From the **Backup type** tab, click **Add**.
3. Enter the new backup type name, and then click **OK**.

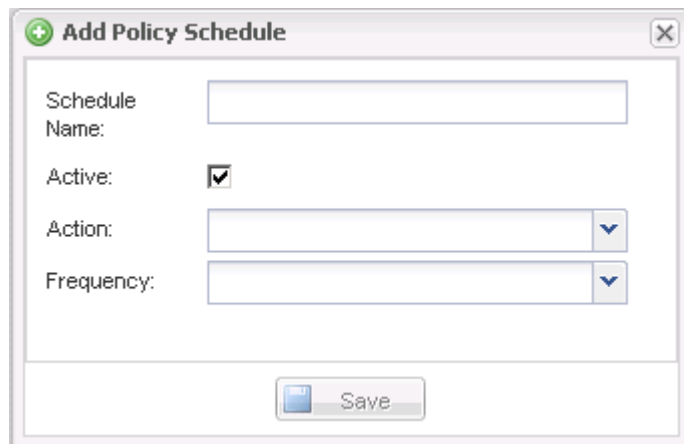
The new backup type is listed under **Backup Type**.

Creating policy schedules

You can optionally create policy schedules by using the Snap Creator GUI.

1. From the Snap Creator GUI main menu, select **Policy > Policy Schedules**.
2. From the **Policy Schedules** tab, click **Create**.
3. Enter the schedule name and select the action and frequency, and then click **Save**.

Depending on the frequency you select, you will need to select the appropriate time fields for running the scheduled job.



The screenshot shows a dialog box titled "Add Policy Schedule". It contains the following fields and controls:

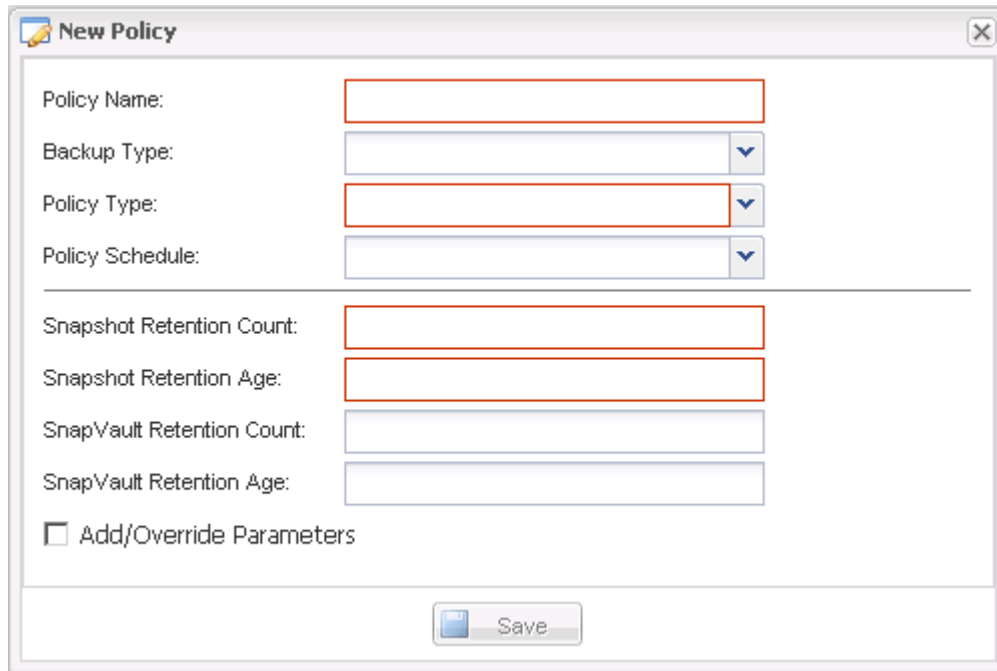
- Schedule Name:** A text input field.
- Active:** A checkbox that is checked.
- Action:** A dropdown menu.
- Frequency:** A dropdown menu.
- Save:** A button at the bottom center.

Creating policies

You can create a new retention policy by using the Snap Creator GUI to configure multiple Snapshot policies with different retention count.

You should understand the guidelines for defining Snap Creator policies.

1. From the Snap Creator GUI main menu, select **Policy > Policy Management**.
2. From the **Policy Manager** tab, click **Create**.
3. Enter the details, and then click **Save**.



The screenshot shows a 'New Policy' dialog box with the following fields:

- Policy Name:
- Backup Type:
- Policy Type:
- Policy Schedule:
- Snapshot Retention Count:
- Snapshot Retention Age:
- SnapVault Retention Count:
- SnapVault Retention Age:
- Add/Override Parameters
- Save button

Field	Description
Policy Name	Specify the name of the policy.
Backup Type	(Optional) Select the backup type.

Field	Description
Policy Type	<p>Select the policy type:</p> <ul style="list-style-type: none"> • LOCAL <p>Takes a Snapshot copy on the primary storage. Select this type if there are no SnapMirror or SnapVault relationships.</p> <ul style="list-style-type: none"> • SNAPVAULT <p>Creates a Snapshot copy on the primary storage and performs a SnapVault update. SnapVault update must be enabled for all volumes in the configuration.</p> <ul style="list-style-type: none"> • SNAPMIRROR <p>Creates a Snapshot copy on the primary storage and performs a SnapMirror update. SnapMirror update must be enabled for all volumes in the configuration.</p>
Policy Schedule	(Optional) Select the policy schedule to be used. If no policy schedule is specified, these actions do not run automatically.
Snapshot Retention Count	Enter the number of backups to be retained.
Snapshot Retention Age	Enter the minimum age that the backups must be retained before they can be deleted.
SnapVault Retention Count	If you selected SnapVault as the policy type, enter the retention count for SnapVault.
SnapVault Retention Age	If you selected SnapVault as the policy type, enter the retention age for SnapVault.
Add/Override Parameters	Certain parameters can be overridden for a policy. If desired, select this check box, and then add the parameters to be overridden.

Assigning policies

You can assign retention policies to the configuration files by using the Snap Creator GUI.

1. From the Snap Creator GUI main menu, select **Policy > Policy Assignments**.
2. Select a profile from the Profile pane.

3. Select a policy or policies to assign to the profile by selecting the appropriate check box on the right pane, and then click **Save**.

If configuration files already exist in the profile, a message displays, informing you that the assigned policy will overrule the settings in the configuration file.

4. Click **Yes** to assign the policy.

Viewing retention policies

You can view a list of retention policies.

1. From the Snap Creator GUI main menu, select **Policy > Policy Management**.
2. From the Policy Manager tab, view the list of policies.

Deleting retention policies

You can delete retention policies.

1. From the Snap Creator GUI main menu, select **Policy > Policy Management**.
2. From the **Policy Manager** tab, select a policy and click **Delete**.



If you try to delete a policy that is assigned to a configuration file, the GUI displays the following error message: Policy cannot be deleted since the policy name is applied to configuration. Use Detach policy and then delete the policy.

3. Click **Yes** in the confirmation window.

The policy is removed from the Policy Manager tab.

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