



Managing scheduled jobs

Snap Creator Framework

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Managing scheduled jobs

You can manage scheduled jobs by creating them (to automate backup operations), as well list as by editing, listing, running, and deleting those scheduled jobs.

The Snap Creator Server contains a centralized scheduler that allows Snap Creator jobs to be scheduled, either through a policy schedule (part of Policy Objects) or by being created directly through the scheduler. The scheduler can run up to 10 jobs concurrently and can queue additional jobs until a running job completes.

Creating scheduled jobs

If you are using a local retention policy (located in the configuration file), you can use the Snap Creator graphical user interface (GUI) scheduler to create schedules and run tasks. The scheduler—which is contained within Snap Creator Server—can schedule backups (Snapshot copies), LUN clones, volume clones, application-defined clones, Open Systems SnapVault (OSSV) transfers, archive jobs, and custom actions.

If you plan to use policy objects instead of a local retention policy, you should skip this procedure and create a policy schedule instead.

1. From the main menu of the Snap Creator GUI, select **Management > Schedules** and click **Create**.
2. In the New Job window, enter the details for the job.

The screenshot shows a 'New Job' dialog box with the following fields and controls:

- Job Name: Text input field
- Start Date: Text input field with a calendar icon
- Active: Checked checkbox
- Profile: Dropdown menu
- Configuration: Dropdown menu
- Action: Dropdown menu
- Policy: Dropdown menu
- Frequency: Dropdown menu
- Save: Button at the bottom

Field	Description
Job Name	Specify the name of the scheduled job.
Start Date	Select today's date or a future date.

Field	Description
Active	Set to Active to signify that the job will run as scheduled. Active is the default setting.
Profile	Select the profile to be associated with this job.
Configuration	Select the configuration to be associated with this job.
Action	<p>Select one of the following options:</p> <ul style="list-style-type: none"> • Backup: Creates a backup by using NetApp storage technology. • CloneLun: Creates a backup and clones one or more LUNs by using the lun clone command. • CloneVol: Creates a backup and clones a volume. • Clone: Performs a plug-in-driven clone operation. • OSSV: Uses Open Systems SnapVault to perform the backup. No primary backup is created. • Arch: Performs archive log management only. No backup is created. • Custom: Executes a plug-in-defined cloning action.
Policy	Select the policy to be associated with this job.
Frequency	<p>Select the frequency for this job. Depending on your selection, you must select the appropriate time fields for running the scheduled job.</p> <p>+</p>

3. Click **Save**.

Related information

[Creating policy schedules](#)

Running scheduled jobs

You can run a scheduled job.

1. From the Snap Creator GUI main menu, select **Management > Schedules**.
2. From the Schedules tab, select a job from the list of scheduled jobs, and click **Run**.

Viewing a list of scheduled jobs

You can view of list of scheduled jobs.

1. From the Snap Creator GUI main menu, select **Management > Schedules**.
2. From the Schedules tab, review the list of scheduled jobs.

The Last Run Result field shows the status of the last scheduled job. A green check mark in the field indicates that the job ran successfully, and a red "X" indicates that there was a failure.

Editing scheduled jobs

You can edit a scheduled job.

1. From the Snap Creator GUI main menu, select **Management > Schedules**.
2. From the Schedules tab, select a job from the list of scheduled jobs, and click **Edit**.
3. Modify the desired fields, and click **Save**.

The scheduled job is saved with the modifications.

Deleting scheduled jobs

You can delete a scheduled job.

1. From the Snap Creator GUI main menu, select **Management > Schedules**.
2. From the Schedules tab, select a job from the list of scheduled jobs, and click **Delete**.
3. Click **Yes** in the confirmation window.

The scheduled job is deleted from the list.

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