



# Managing the state of Cloud Volumes ONTAP

## Cloud Manager

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# Managing the state of Cloud Volumes ONTAP

You can stop and start Cloud Volumes ONTAP from Cloud Manager to manage your cloud compute costs.

## Scheduling automatic shutdowns of Cloud Volumes ONTAP

You might want to shut down Cloud Volumes ONTAP during specific time intervals to lower your compute costs. Rather than do this manually, you can configure Cloud Manager to automatically shut down and then restart systems at specific times.

### About this task

- When you schedule an automatic shutdown of your Cloud Volumes ONTAP system, Cloud Manager postpones the shutdown if an active data transfer is in progress.

Cloud Manager shuts down the system after the transfer is complete.

- This task schedules automatic shutdowns of both nodes in an HA pair.
- Snapshots of boot and root disks are not created when turning off Cloud Volumes ONTAP through scheduled shutdowns.

Snapshots are automatically created only when performing a manual shutdown, as described in the next section.

### Steps

1. From the working environment, click the clock icon:



2. Specify the shutdown schedule:

- a. Choose whether you want to shut down the system every day, every weekday, every weekend, or any combination of the three options.
- b. Specify when you want to turn off the system and for how long you want it turned off.

### Example

The following image shows a schedule that instructs Cloud Manager to shut down the system every Saturday at 12:00 a.m. for 48 hours. Cloud Manager restarts the system every Monday at 12:00 a.m.

<input type="checkbox"/>	<b>Turn off every weekday</b> Mon, Tue, Wed, Thu, Fri	turn off at	08	:	00	PM	for	12	Hours (1-24)
<input checked="" type="checkbox"/>	<b>Turn off every weekend</b> Sat	turn off at	12	:	00	AM	for	48	Hours (1-48)

3. Click **Save**.

## Result

Cloud Manager saves the schedule. The clock icon changes to indicate that a schedule is set:



# Stopping Cloud Volumes ONTAP

Stopping Cloud Volumes ONTAP saves you from accruing compute costs and creates snapshots of the root and boot disks, which can be helpful for troubleshooting.



To reduce costs, Cloud Manager periodically deletes older snapshots of root and boot disks. Only the two most recent snapshots are retained for both the root and boot disks.

## About this task

When you stop an HA pair, Cloud Manager shuts down both nodes.

## Steps

1. From the working environment, click the **Turn off** icon.



2. Keep the option to create snapshots enabled because the snapshots can enable system recovery.
3. Click **Turn Off**.

It can take up to a few minutes to stop the system. You can restart systems at a later time from the working environment page.

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