



# Managing BYOL licenses for Cloud Volumes ONTAP

## Cloud Manager

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# Managing BYOL licenses for Cloud Volumes ONTAP

Add a Cloud Volumes ONTAP BYOL system license to add additional capacity, update an existing system license, and manage BYOL licenses for Backup to Cloud.

## Managing system licenses

You can purchase multiple licenses for a Cloud Volumes ONTAP BYOL system to allocate more than 368 TB of capacity. For example, you might purchase two licenses to allocate up to 736 TB of capacity to Cloud Volumes ONTAP. Or you could purchase four licenses to get up to 1.4 PB.

The number of licenses that you can purchase for a single node system or HA pair is unlimited.

### Obtaining a system license file

In most cases, Cloud Manager can automatically obtain your license file using your NetApp Support Site account. But if it can't, then you'll need to manually upload the license file. If you don't have the license file, you can obtain it from [netapp.com](https://netapp.com).

#### *Steps*

1. Go to the [NetApp License File Generator](#) and log in using your NetApp Support Site credentials.
2. Enter your password, choose your product, enter the serial number, confirm that you have read and accepted the privacy policy, and then click **Submit**.

#### **Example**

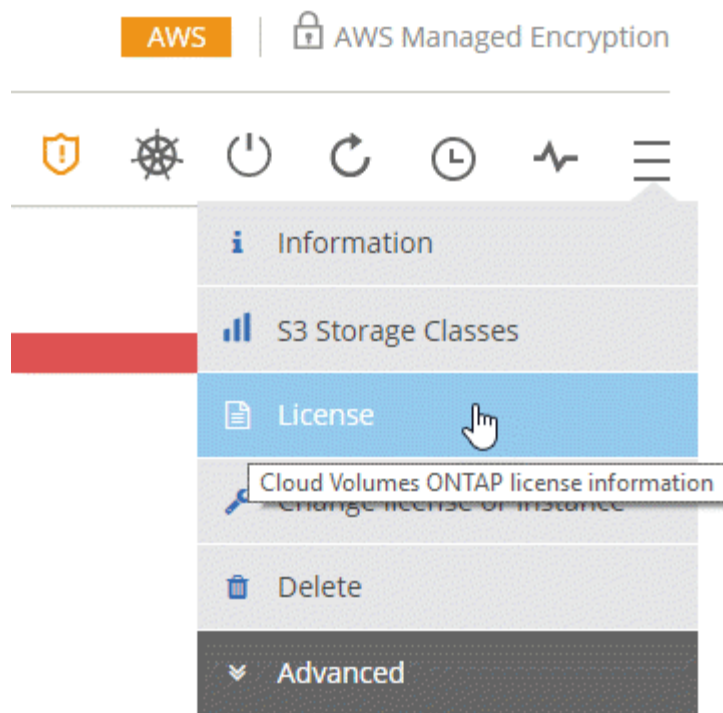
3. Choose whether you want to receive the serialnumber.NLF JSON file through email or direct download.

### Adding a new system license

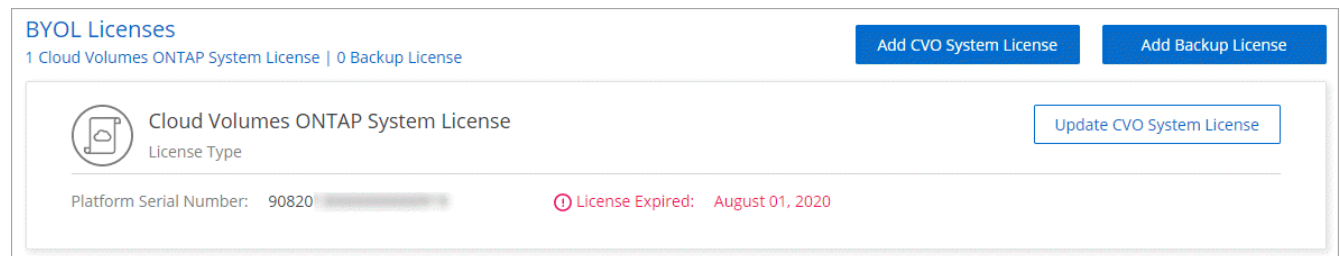
Add a new BYOL system license at any time to allocate an additional 368 TB of capacity to your Cloud Volumes ONTAP BYOL system.

#### *Steps*

1. In Cloud Manager, open the Cloud Volumes ONTAP BYOL working environment.
2. Click the menu icon and then click **License**.



3. Click **Add CVO System License**.



4. Choose to enter the serial number or to upload the license file.

5. Click **Add License**.

### Result

Cloud Manager installs the new license file on the Cloud Volumes ONTAP system.

## Updating a system license

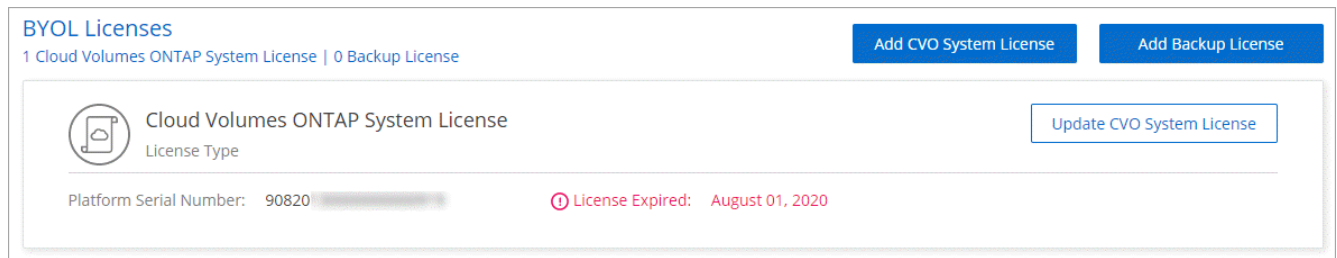
When you renew a BYOL subscription by contacting a NetApp representative, Cloud Manager automatically obtains the new license from NetApp and installs it on the Cloud Volumes ONTAP system.

If Cloud Manager can't access the license file over the secure internet connection, you can obtain the file yourself and then manually upload the file to Cloud Manager.

### Steps

1. In Cloud Manager, open the Cloud Volumes ONTAP BYOL working environment.

2. Click the menu icon and then click **License**.
3. Click **Update CVO System License**.



4. Click **Upload File** and select the license file.
5. Click **Update License**.

### Result

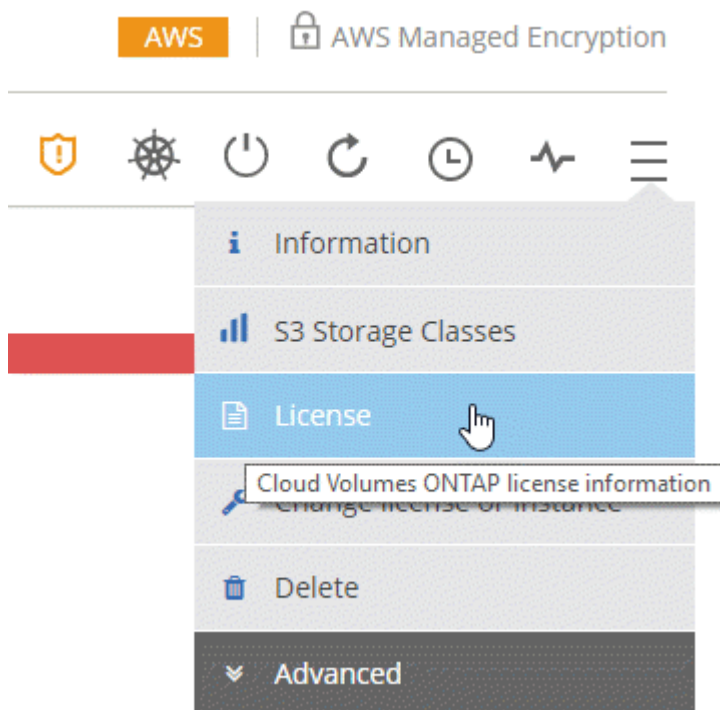
Cloud Manager updates the license on the Cloud Volumes ONTAP system.

## Adding and updating your Backup BYOL license

You use the BYOL Licenses page to add or update your Backup BYOL license.

### Steps

1. In Cloud Manager, open the Cloud Volumes ONTAP BYOL working environment.
2. Click the menu icon and then click **License**.



3. Click **Add Backup License** or **Update Backup License** depending on whether you are adding a

new license or updating an existing license.


### Total License Information

Instance Type :	m5.2xlarge	Total Attached EBS Capacity :	200 TB	Total Used Tiering Capacity:	60 TB
Total License Limit :	368 TB ⓘ	Total Used EBS Capacity :	180 TB	Total Allocated ONTAP Capacity :	100 TB
Total Backup Capacity Limit :	368 TB	Total Used Backup Capacity :	200 TB		

### BYOL Licenses

1 Cloud Volumes ONTAP System License | 1 Backup License

Add CVO System LicenseAdd Backup License




#### Cloud Volumes ONTAP System License

License Type

Update CVO System License

Platform Serial Number Node 1 : 90120130000000000020      License Expiry: April 10, 2021

Platform Serial Number Node 2 : 90120130000000000021      License Expiry: April 10, 2021



#### Backup License

License Type

Update Backup License

Platform Serial Number : 90120130000000000022      License Expiry: April 10, 2021      License Capacity Limit : 368 TB (Used Capacity 200 TB)

4. Enter the license information and click **Add License**:

- If you have the serial number, select the **Enter Backup BYOL Serial Number** option and enter the serial number.
- If you have the backup license file, select the **Upload Backup BYOL License** option and follow the prompts to attach the file.

### Add Backup License

A Backup license enables Backup to Cloud for a certain period of time and for a maximum amount backup space.

☒ Enter Backup BYOL Serial Number    ☐ Upload Backup BYOL License

Enter Backup BYOL Serial Number

Add License

Cancel

*Result*

Cloud Manager adds or updates the license so that your Backup to Cloud service is active.

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