



Set up licensing for Cloud Tiering

Cloud Manager

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Set up licensing for Cloud Tiering

Pay for Cloud Tiering through a pay-as-you-go subscription, a bring-your-own Cloud Tiering license, or a combination of both. If you want to pay as you go, then you need to subscribe from the marketplace for the cloud provider to which you want to tier cold data. There's no need to subscribe from every marketplace.

A few notes before you read any further:

- If you've already subscribed to the Cloud Manager subscription (PAYGO) in your cloud provider's marketplace, then you're automatically subscribed to Cloud Tiering from on-premises ONTAP systems as well. You won't need to subscribe again.
- The BYOL Cloud Tiering license is a *floating* license that you can use across multiple on-premises ONTAP clusters in your Cloud Manager account. This is different than in the past where you purchased a *FabricPool* license for each cluster.
- There are no charges when tiering data to StorageGRID, so neither a BYOL license or PAYGO registration is required.

[Learn more about how licensing works for Cloud Tiering.](#)

Use a Cloud Tiering PAYGO subscription

Pay-as-you-go subscriptions from your cloud provider's marketplace enable you to license the use of Cloud Volumes ONTAP systems and many Cloud Data Services, such as Cloud Tiering.

Subscribing from the AWS Marketplace

Subscribe to Cloud Tiering from the AWS Marketplace to set up a pay-as-you-go subscription for data tiering from ONTAP clusters to AWS S3.

Steps

1. [Go to the Cloud Manager Marketplace offering.](#)
2. Click **Subscribe** under AWS Marketplace and then click **Continue**.
3. Subscribe from the AWS Marketplace, and then log back in to Cloud Central to complete the registration.

The following video shows the process:

▶ https://docs.netapp.com/us-en/occm//media/video_subscribing_aws_tiering.mp4 (video)

Subscribing from the Azure Marketplace

Subscribe to Cloud Tiering from the Azure Marketplace to set up a pay-as-you-go subscription for data tiering from ONTAP clusters to Azure Blob storage.

Steps

1. [Go to the Cloud Manager Marketplace offering.](#)
2. Click **Subscribe** under Azure Marketplace and then click **Continue**.
3. Subscribe from the Azure Marketplace, and then log back in to Cloud Central to complete the registration.

The following video shows the process:

► https://docs.netapp.com/us-en/occm//media/video_subscribing_azure_tiering.mp4 (video)

Subscribing from the GCP Marketplace

Subscribe to Cloud Tiering from the GCP Marketplace to set up a pay-as-you-go subscription for data tiering from ONTAP clusters to Google Cloud storage.

Steps

1. [Go to the Cloud Manager Marketplace offering.](#)
2. Click **Subscribe** under GCP Marketplace and then click **Continue**.
3. Subscribe from the GCP Marketplace, and then log back in to Cloud Central to complete the registration.

The following video shows the process:

► https://docs.netapp.com/us-en/occm//media/video_subscribing_gcp_tiering.mp4 (video)

Use a Cloud Tiering BYOL license

Bring-your-own licenses from NetApp provide 2-, 12-, 24-, or 36-month terms. The BYOL **Cloud Tiering** license is a *floating* license that you can use across multiple on-premises ONTAP clusters in your Cloud Manager account. The total tiering capacity defined in your Cloud Tiering license is shared among **all** of your on-prem clusters, making initial licensing and renewal easy.

If you don't have a Cloud Tiering license, contact us to purchase one:

- [Send email to purchase a license.](#)
- Click the chat icon in the lower-right of Cloud Manager to request a license.

You use the Digital Wallet page in Cloud Manager to manage Cloud Tiering BYOL licenses. You can add new licenses and update existing licenses.

New Cloud Tiering BYOL licensing starting August 21, 2021

The new **Cloud Tiering** license was introduced on August 21, 2021 for tiering configurations that are supported within Cloud Manager using the Cloud Tiering service. The **FabricPool** license that you may have used in the past to tier on-premises ONTAP data to the cloud is being retained only for configurations that aren't supported within Cloud Manager.

If you have one of these configurations, you'll continue to use a FabricPool license on each cluster (managed using System Manager or the CLI):

- ONTAP installations in the GovCloud or in Dark Sites
- ONTAP clusters in a MetroCluster configuration
- ONTAP clusters using FabricPool Mirror functionality
- ONTAP clusters that are tiering data to IBM Cloud Object Storage or Alibaba Cloud Object Storage

Cloud Manager currently supports tiering to the following cloud storage: Amazon S3, Azure Blob storage, Google Cloud Storage, and S3-compatible object storage.

Note that tiering to StorageGRID does not require a FabricPool or Cloud Tiering license.

If you are currently using FabricPool licensing, you're not affected until your FabricPool license reaches its expiration date or maximum capacity. Contact NetApp when you need to update your license, or earlier to make sure there is no interruption in your ability to tier data to the cloud.

- If you're using a configuration that is supported in Cloud Manager, your FabricPool licenses will be converted to Cloud Tiering licenses and they'll appear in the Digital Wallet. When those initial licenses expire, you'll need to update the Cloud Tiering licenses.
- If you're using a configuration that is not supported in Cloud Manager, then you'll continue using a FabricPool license. [See how to license tiering using System Manager.](#)

Here are some things you need to know about the two licenses:

Cloud Tiering license	FabricPool license
It is a <i>floating</i> license that you can use across multiple on-premises ONTAP clusters.	It is a per-cluster license that you purchase and license for <i>every</i> cluster.
It is registered in Cloud Manager in the Digital Wallet.	It is applied to individual clusters using System Manager or the ONTAP CLI.
Tiering configuration and management is done through the Cloud Tiering service in Cloud Manager.	Tiering configuration and management is done through System Manager or the ONTAP CLI.
Once configured, you can use the tiering service without a license for 30 days using the free trial.	Once configured, you can tier the first 10 TB of data for free.

Obtain your Cloud Tiering license file

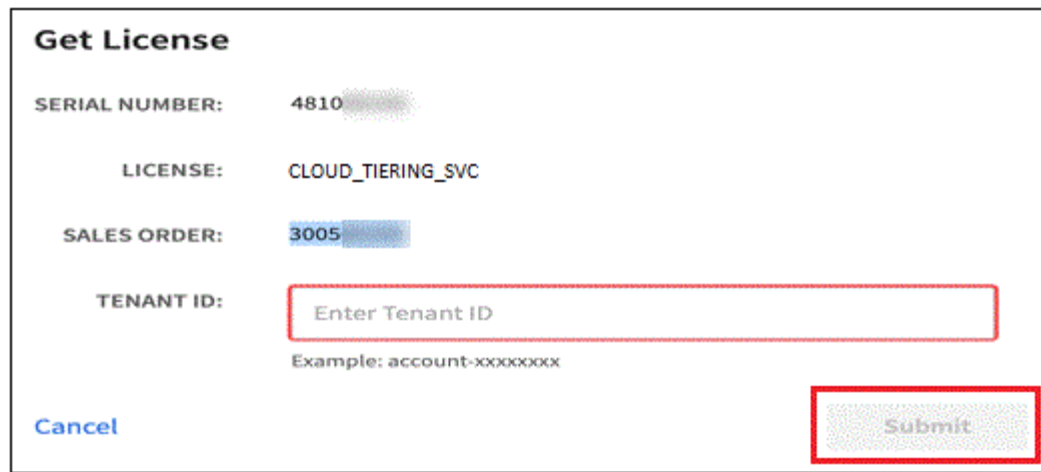
After you have purchased your Cloud Tiering license, you activate the license in Cloud Manager by entering the Cloud Tiering serial number and NSS account, or by uploading the NLF license file. The steps below show how to get the NLF license file if you plan to use that method.

Steps

1. Sign in to the [NetApp Support Site](#) and click **Systems > Software Licenses**.
2. Enter your Cloud Tiering license serial number.

The screenshot shows the 'Software Licenses' page in the NetApp Cloud Manager interface. At the top, there are two input fields: 'Serial Number' and 'License Key'. The 'License Key' field contains the text '481*' and is highlighted with a red box. Below these fields is a table with columns: Serial #, Cluster SN, License Name, License Key, Host ID, Value, and End Date. The table contains one row with the following data: Serial # 4810, Cluster SN, License Name CLOUD_TIERING_SVC, License Key (with a 'Get NetApp License File' button highlighted in a red box), Host ID, Value 100, and End Date 12/31/9998.

3. Under **License Key**, click **Get NetApp License File**.
4. Enter your Cloud Manager Account ID (this is called a Tenant ID on the support site) and click **Submit** to download the license file.



Get License

SERIAL NUMBER: 4810

LICENSE: CLOUD_TIERING_SVC

SALES ORDER: 3005

TENANT ID:

Example: account-xxxxxxx

[Cancel](#) [Submit](#)

You can find your Cloud Manager Account ID by selecting the **Account** drop-down from the top of Cloud Manager, and then clicking **Manage Account** next to your account. Your Account ID is in the Overview tab.

Add Cloud Tiering BYOL licenses to your account

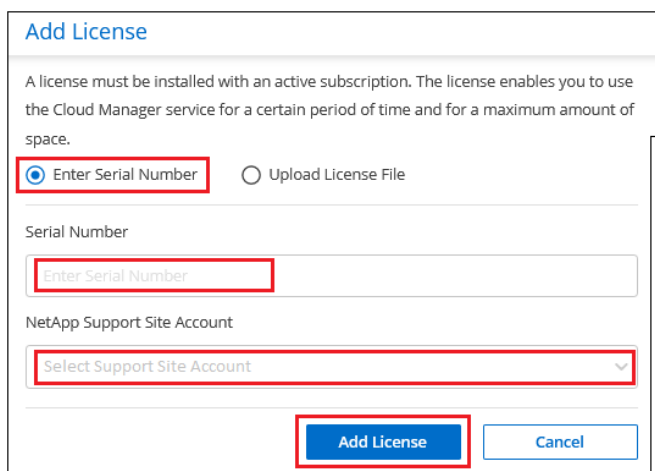
After you purchase a Cloud Tiering license for your Cloud Manager account, you need to add the license to Cloud Manager to use the Cloud Tiering service.

Steps

1. Click **All Services > Digital Wallet > Data Services Licenses**.
2. Click **Add License**.
3. In the *Add License* dialog, enter the license information and click **Add License**:
 - If you have the tiering license serial number and know your NSS account, select the **Enter Serial Number** option and enter that information.

If your NetApp Support Site account isn't available from the drop-down list, [add the NSS account to Cloud Manager](#).

- If you have the tiering license file, select the **Upload License File** option and follow the prompts to attach the file.



Add License

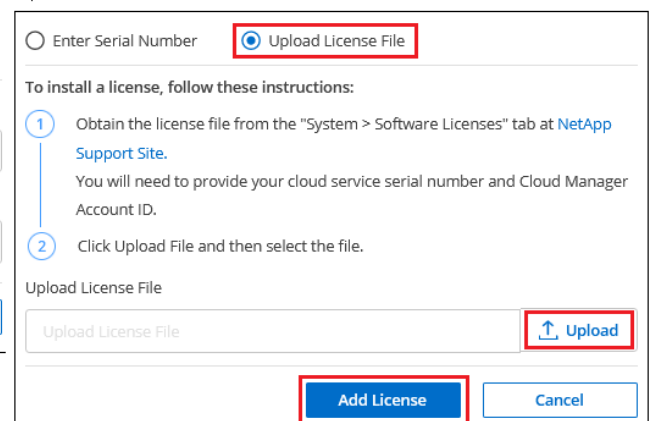
A license must be installed with an active subscription. The license enables you to use the Cloud Manager service for a certain period of time and for a maximum amount of space.

☒ Enter Serial Number ☐ Upload License File

Serial Number

NetApp Support Site Account

[Add License](#) [Cancel](#)



☐ Enter Serial Number ☒ Upload License File

To install a license, follow these instructions:

- 1 Obtain the license file from the "System > Software Licenses" tab at [NetApp Support Site](#). You will need to provide your cloud service serial number and Cloud Manager Account ID.
- 2 Click Upload File and then select the file.

Upload License File

[Upload](#)

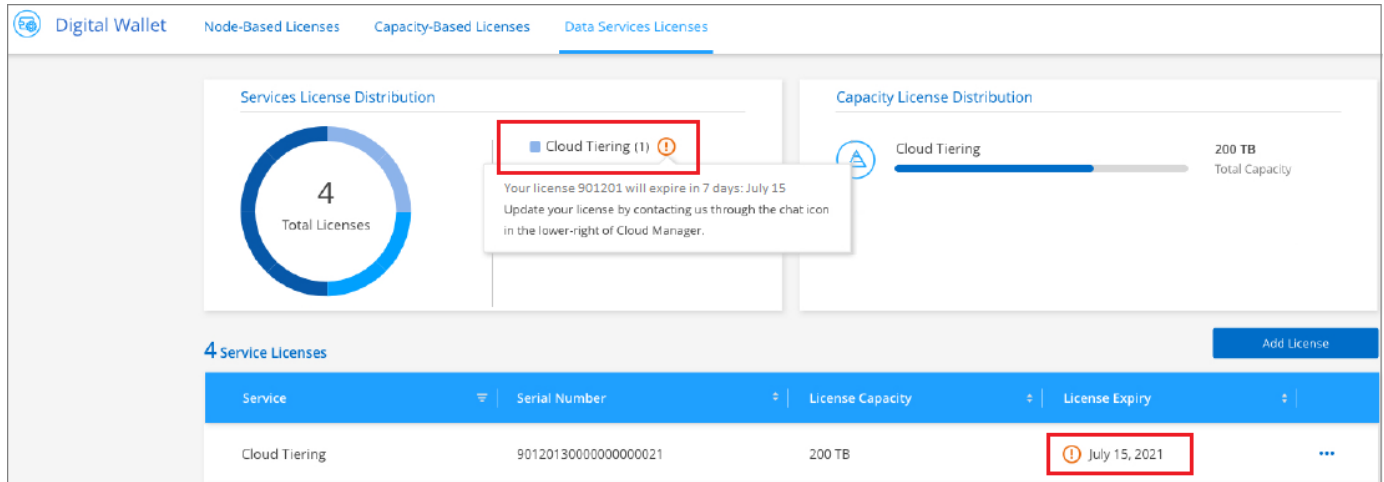
[Add License](#) [Cancel](#)

Result

Cloud Manager adds the license so that your Cloud Tiering service is active.

Update a Cloud Tiering BYOL license

If your licensed term is nearing the expiration date, or if your licensed capacity is reaching the limit, you'll be notified. This status also appears in the Digital Wallet page.



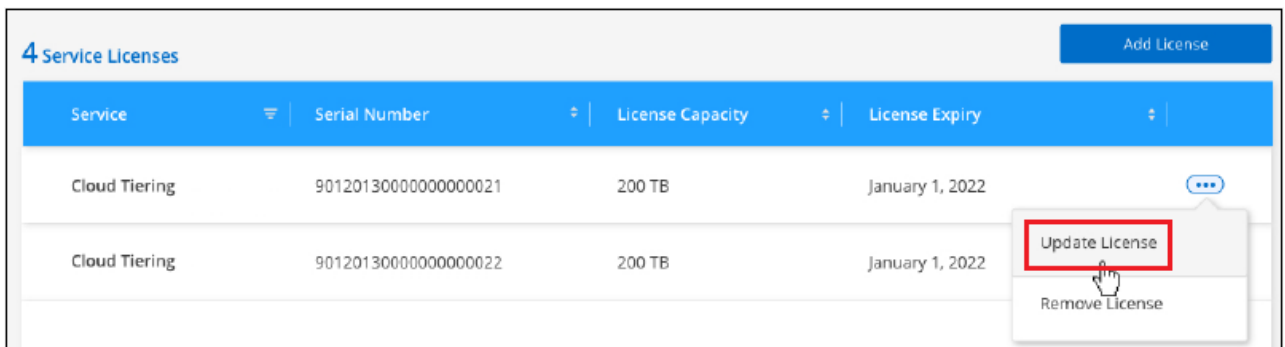
You can update your Cloud Tiering license before it expires so that there is no interruption in your ability to tier your data to the cloud.

Steps

1. Click the chat icon in the lower-right of Cloud Manager to request an extension or capacity add-on to your Cloud Tiering license for the particular serial number.

After you pay for the license and it is registered with the NetApp Support Site, in most cases, Cloud Manager can automatically obtain your updated license file and the Data Services Licenses page will reflect the change in 5 to 10 minutes.

2. If Cloud Manager can't automatically update the license, then you'll need to manually upload the license file.
 - a. You can [obtain the license file from the NetApp Support Site](#).
 - b. On the *Data Services Licenses* page, click ... for the service serial number you are updating, and click **Update License**.



- c. In the *Update License* page, upload the license file and click **Update License**.

Result

Cloud Manager updates the license so that your Cloud Tiering service continues to be active.

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