Use licenses and subscriptions

Licenses and subscriptions

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Use licenses and subscriptions

Use the dashboard overview

The **Overview** dashboard in the NetApp Console helps you monitor the statuses of your licenses and subscriptions to ensure that you can manage costs and maintain service as subscriptions reach expiration dates or capacity limits.

You can view specific license and subscription information about each of your data services (including Cloud Volumes ONTAP).

The Licenses and subscriptions dashboard alerts you to upcoming capacity limits or expirations, prompting you to take the requisite action.

View details about a specific data service

The **Overview** dashboard provides details about the following services:

- Backup and Recovery
- Cloud Tiering
- Cloud Volumes ONTAP
- Disaster Recovery
- Ransomware Resilience

For example, administrators tasked with managing Cloud Volumes ONTAP resources can view the current capacity of each license or subscription, which gives them a focused view of resources within their purview.

Although you can update and remove licenses from the dashboard, you cannot add a new license or subscription.

Learn more about managing licenses.
Learn more about managing subscriptions.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Overview**.
3. Select **View** for the respective data service (including Cloud Volumes ONTAP) to view details and manage licenses and subscriptions.

   Each tile provides a graphical overview of capacity. You can view the details page to see and manage payment methods for that capacity.
4. Select either the **Licenses** or **Subscriptions** tab.
5. Filter the table by selecting a column filter and a value to filter by. For example, on the **Subscriptions** tab, you can filter the Type column by Annual Contract or Subscription.
6. Customize the columns shown in the table. You can add and remove columns from the table by selecting the **Column** icon to indicate which columns you want to show or hide.
7. Expand any row to view details of what the subscription or license includes, capacity purchased, and

terms.

8. Use the actions menu to manage a specific license or subscription, such as updating a license or associating a subscription with a different organization.

   You can't add new licenses or subscriptions from the **Overview** page for a specific service. You can only add licenses from the **Direct licenses** tab or subscriptions from the **Marketplace subscriptions** tab.

   Learn more about managing licenses.
   Learn more about managing subscriptions.

Resolve license or subscription issues

In the Overview dashboard, you can view license and subscription issues that need to be resolved. Issues include licenses and subscriptions that are expiring or reaching capacity.

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Overview**.
3. In the **Requires action** tile, select **Resolve** to view issues that need to be adjusted. If **Resolve** does not display, there are no issues requiring action.
4. From the **Requires action** page, select either the **Licenses** tab or the **Subscriptions** tab.
5. Use the actions menu to resolve the issue.
   - Learn more about managing licenses.
   - Learn more about managing subscriptions.

Manage licenses

Manage licenses for NetApp data services

You can manage licenses that you purchased directly from NetApp (BYOL) for use with NetApp data services, including Cloud Volumes ONTAP. You can view used license capacity, capacity usage, and upcoming expirations.

The **Direct licenses** page lists all licenses. If you want license details for a specific data service, use the data service tiles on the **Overview** dashboard. Learn more about the Overview dashboard.

The instructions on this page provide information that applies to each service. For more specific information about the licensing for these services, refer to the following pages:

- Set up licensing for NetApp Backup and Recovery
- Set up licensing for NetApp Disaster Recovery
- Set up licensing for NetApp Ransomware Resilience
- Set up licensing for NetApp Cloud Tiering
- Set up licensing for Cloud Volumes ONTAP

Required Console role

To perform this task, you need the Licenses and subscriptions admin role.Learn about Licenses and

subscriptions roles for NetApp Console.

Obtain a license file

You should obtain a NetApp license file to upload if the Console does not have internet access (private mode installations).

When you purchase a license from a NetApp sales representative, you receive an email containing the serial number and licensing details. Use the serial number to obtain the license file if licenses do not appear automatically in the Console.

Steps

1. Find your Console account ID:
   a. In the Console's navigation menu, select **Administration** > **Identity and access**.
   b. On the Organization page, look for your account ID and copy it.

      If no account ID is listed and you only have an organization ID, copy the first eight characters of the organization ID and append it to **account-**

      For example, if this is your organization ID:

      ea10e1c6-80cc-4219-8e99-3c3e6b161ba5

      Your account ID would be:

      account-ea10e1c6
2. Sign in to the NetApp Support Site and select **Systems > Software Licenses**.
3. Enter the serial number for your license.
4. In the **License Key** column, select **Get NetApp License File**.
5. Enter your Console account ID (this is called a Tenant ID on the support site) and select **Submit** to download the license file.

Add a license

License information automatically displays in the **Licenses and subscriptions** section if the NetApp Console account associated with the license is also a NetApp Support Site account and has internet access. If you used a Console account that is not associated with your NSS account, you need to manually add a license.

You can add the license in the Console either by entering the serial number and the associated NSS account, or by uploading the NetApp license file (NLF). You should obtain a NetApp license file to upload if the Console does not have internet access (private mode installations).

After you purchase a license from your NetApp sales representative, NetApp sends you an email with the serial number and additional licensing details. You'll need that serial number to add or update the respective license in the Console.

To enter the serial number, first add your NetApp Support Site account to the Console. This is the NetApp Support Site account that is authorized to access the serial number.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select the **Direct licenses** tab.
3. Select **Add license**.
4. In the **Add license** dialog, enter the license information and select **Add license**:
    - If you have the serial number and know your NSS account, select **Enter serial number** and enter that information.

      If you entered a serial number, you also need to select the NetApp Support Site account that's authorized to access the serial number.

      If your NetApp Support Site account is not available from the drop-down list, add the NSS account to the Console
    - If you have the license file (required when using NetApp Console in private mode), select the **Upload license file** option and follow the prompts to attach the file.

Update a license

The Console notifies you when your licensed term nears expiration or when your licensed capacity approaches the limit. Update your license before it expires to avoid interruptions to your NetApp data services or Cloud Volumes ONTAP.

After you purchase additional capacity from NetApp or extend your license term, the Console automatically updates the license when both conditions are met:

- Your Console account is associated with a NetApp Support Site account
- The Console has internet access

If your Console account is not associated with your NSS account, or if the Console operates in private mode without internet access, you must manually update the license.

You can manually update a license using either method:

- Enter the serial number and associated NSS account
- Upload the NetApp license file (or files for a Cloud Volumes ONTAP HA pair)

When you purchase a license from a NetApp sales representative, you receive an email containing the serial number and licensing details. Use this serial number to update the license.

To enter the serial number, first add your NetApp Support Site account to the Console. This NSS account must be authorized to access the serial number.

Steps

1. Contact your NetApp representative to purchase a new license.

   After you complete payment and the license registers with the NetApp Support Site, the Console automatically updates the license. The **Direct licenses** page reflects the change within 5 to 10 minutes.
2. If the Console cannot automatically update the license (for example, when operating in private mode), obtain a NetApp license file from support and manually upload it. Learn how to obtain a license file.
3. On the **Direct licenses** tab, select ••• for the serial number you are updating, and select **Update license**.

4. In the **Update license** page, upload the license file and select **Update license**.

View license status

To manage licenses, you can group licenses based on the service name. This allows you to see all licenses related to a specific service. You can expand a row to view detailed information about each license related to the service. The root row for each service displays the service name and the used capacity for that service. The licenses are automatically grouped by service name. The root row for each service shows the service name and the used capacity for that service.

Steps

1. From the Console menu, select **Administration** > **Licenses and subscriptions**, and then select the **Direct licenses** tab.
2. Select a service name row to expand it. This displays all licenses related to that service. Each expanded row displays detailed information about the licenses, including license ID, serial number, capacity, and expiration date.

Manage licenses for Cloud Volumes ONTAP

Manage capacity-based licensing for Cloud Volumes ONTAP

Manage your capacity-based licenses from the NetApp Console to ensure that your NetApp account has enough capacity for your Cloud Volumes ONTAP systems.

Capacity-based licenses enable you to pay for Cloud Volumes ONTAP per TiB of capacity.

You can manage capacity-based Cloud Volumes ONTAP licenses from the NetApp Console.

> While the actual usage and metering for the products and services managed in the Console are always calculated in GiB and TiB, the terms GB/GiB and TB/TiB are used interchangeably. This is reflected in the Cloud Marketplace listings, price quotes, listing descriptions, and in other supporting documentation

Learn more about Cloud Volumes ONTAP licenses.

How licenses are added to NetApp Console

After you purchase a license from your NetApp sales representative, NetApp will send you an email with the serial number and additional licensing details.

In the meantime, the Console automatically queries NetApp's licensing service to obtain details about the licenses associated with your NetApp Support Site account. If there are no errors, it adds the licenses.

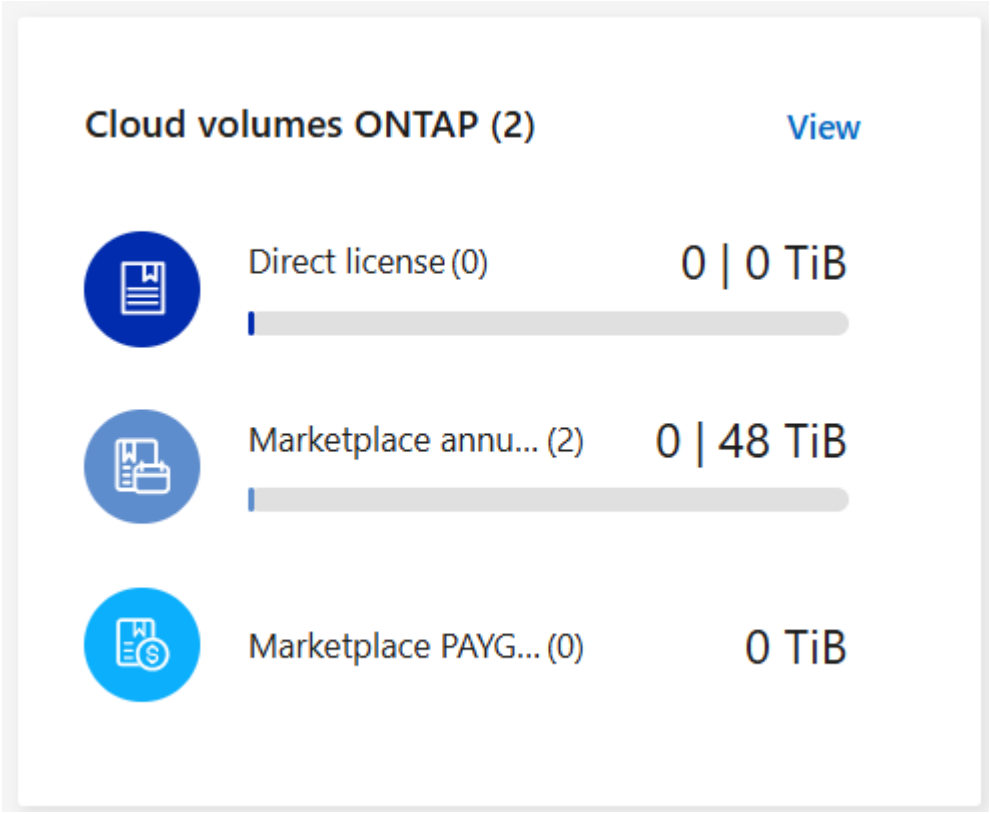
If the Console can't add the license, you'll need to manually add them. For example, if the Console agent is installed at a location that doesn't have internet access, you'll need to add the licenses yourself. Learn how to add purchased licenses to your account.

View the consumed capacity in your account

The Console shows you the total consumed capacity in your account and the consumed capacity by licensing package. This can help you understand how you're being charged and whether you need to purchase additional capacity.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. On the **Overview** tab, the Cloud Volumes ONTAP tile displays the current capacity provisioned for your account.



   - *Direct license* is the total provisioned capacity of all Cloud Volumes ONTAP systems in your NetApp account. The charging is based on each volume's provisioned size, regardless of local, used, stored, or effective space within the volume.
   - *Annual contract* is the total licensed capacity (bring your own license (BYOL) or Marketplace Contract) that you purchased from NetApp.
   - *PAYGO* is the total provisioned capacity using cloud marketplace subscriptions. Charging via PAYGO is used only if the consumed capacity is higher than the licensed capacity or if there is no BYOL license available in the Console.
3. Select **View** to see the consumed capacity for each of your licensing packages.
4. Select the **Licenses** tab to see details for each package license that you have purchased.

   To better understand the capacities that display for the Essentials package, you should be familiar with how charging works. Learn about charging for the Essentials package.

5. Select the **Subscriptions** tab to see the consumed capacity by license consumption model. This tab includes both PAYGO and annual contract licenses.

   You'll only see the subscriptions that are associated with the organization that you are that you're currently viewing.

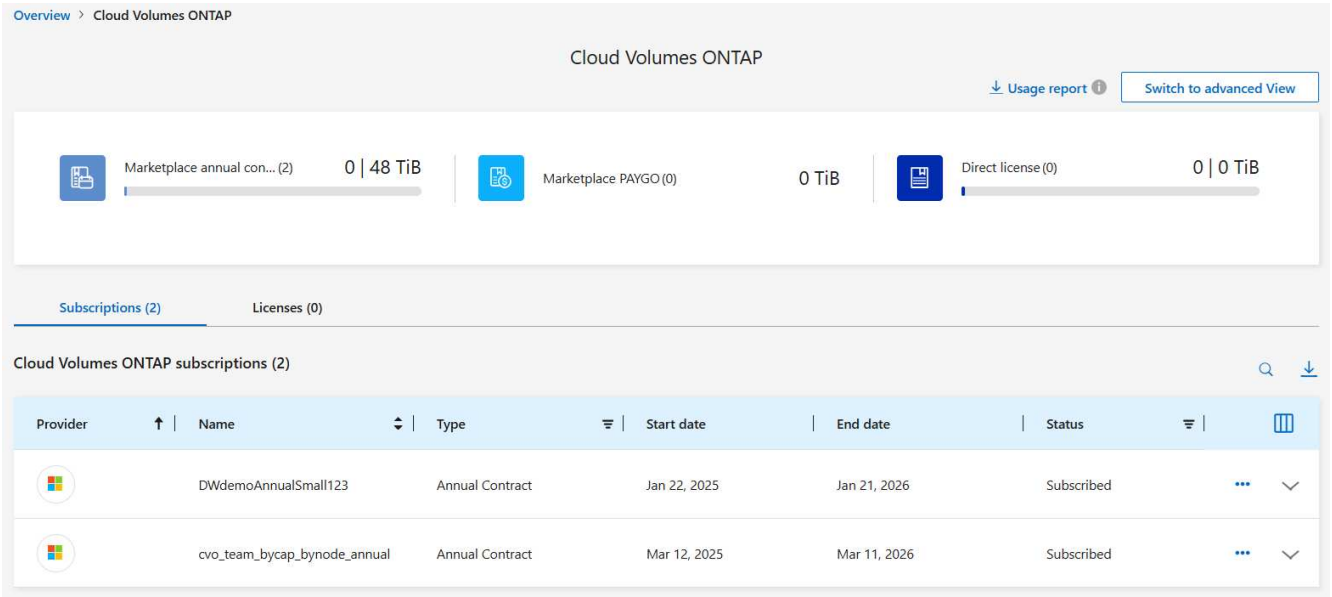
6. As you view the information about your subscriptions, you can interact with the details in the table. Expand a row to view more details.

- Select to choose which columns appear in the table.
  Note that the Term and Auto Renew columns don't appear by default. The Auto Renew column displays renewal information for Azure contracts only.

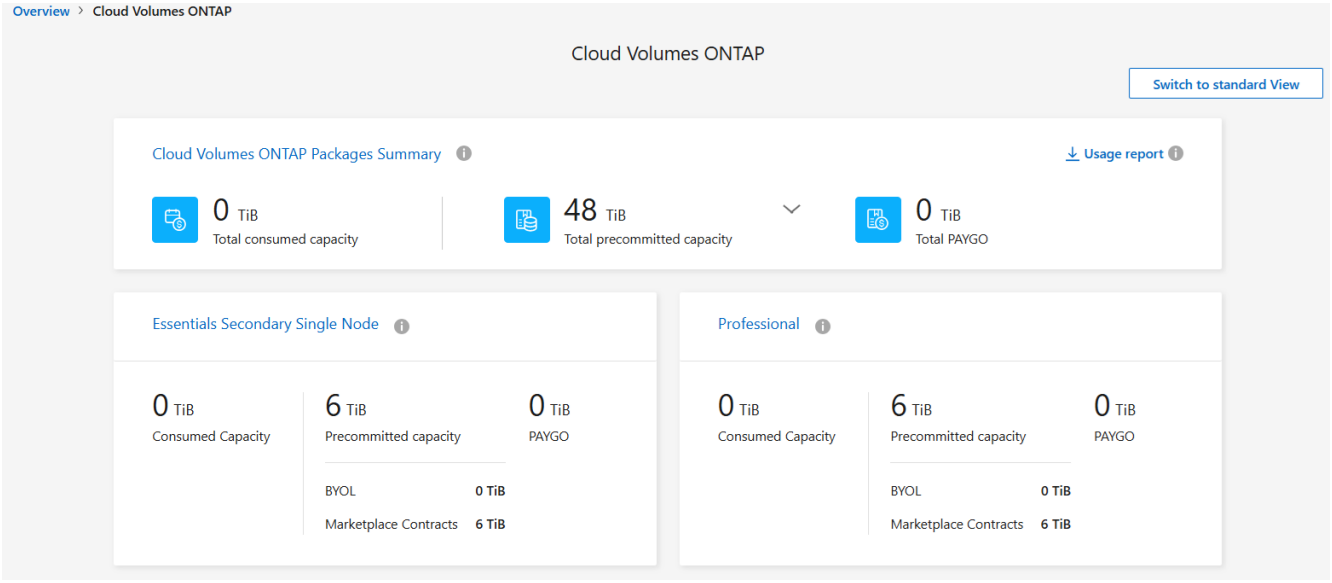
View package details

You can view details about the capacity used per package by switching to legacy mode on the Cloud Volumes ONTAP page.

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. On the **Overview** tab, the Cloud Volumes ONTAP tile displays the current capacity provisioned for your account.
3. Select **View** to see the provisioned capacity for each of your licensing packages.
4. Select **Switch to advanced view**.



5. View the details of the package you want to see.



Change charging methods

Capacity-based licensing is available in the form of a *package*. When you create a Cloud Volumes ONTAP system, you can choose from several licensing packages based on your business needs. If your needs change after you create the system, you can change the package at any time. For example, you might change from the Essentials package to the Professional package.

Learn more about capacity-based licensing packages.

About this task

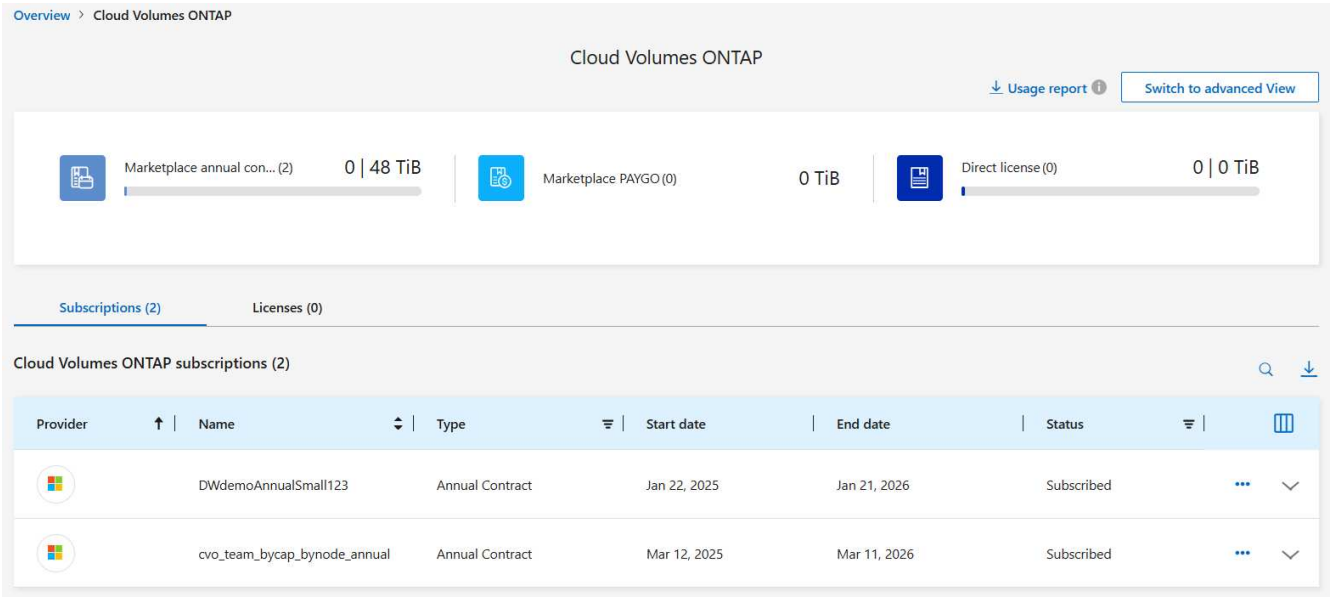
- Changing the charging method doesn't affect whether you're charged through a license purchased from NetApp (BYOL) or from your cloud provider's marketplace pay-as-you-go (PAYGO) subscription.

  The Console always attempts to charge against a license first. If a license isn't available, it charges against a marketplace subscription. You don't have to convert a BYOL subscription to marketplace subscription or vice versa.

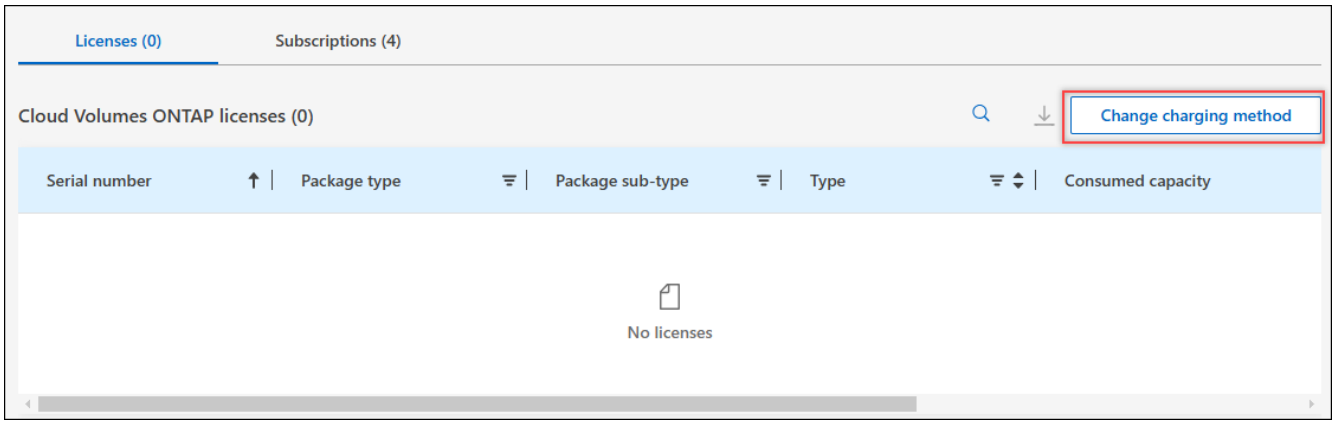
- If you have a private offer or contract from your cloud provider's marketplace, changing to a charging method that's not included in your contract will result in charging against BYOL (if you purchased a license from NetApp) or PAYGO.
- If you plan to bill Cloud Volumes ONTAP capacity through the standalone Cloud Volumes ONTAP subscription in AWS marketplace, the Cloud Volumes ONTAP system must use a supported capacity-based package (Essentials or Freemium). The Professional package is not supported for the standalone listing and continues to bill through the NIS subscription. After selecting the package you want, use **Billing preferences** in NetApp Console to choose the marketplace subscription used for Cloud Volumes ONTAP billing.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. Select the **Overview** tab.
3. On the Cloud Volumes ONTAP tile, select **View**.
4. Select **Switch to advanced view**.



5. Scroll down to the **Capacity-based license** table and select **Change charging method**.



6. On the **Change charging method** pop-up, select a Cloud Volumes ONTAP system, choose the new charging method, and then confirm your understanding that changing the package type will affect service charges.
7. Select **Change charging method**.

Download usage reports

You can download four usage reports from the Console. These usage reports provide capacity details of your subscriptions and tell you how you're being charged for the resources in your Cloud Volumes ONTAP subscriptions. The downloadable reports capture data at a point in time and can be easily shared with others.

The following reports are available for download. Capacity values shown are in TiB.

- **High-level usage**: This report summarizes the total capacity consumed across your account and breaks it down by billing method (pre-committed licenses versus pay-as-you-go). It includes the following information:

Column	Description
Total consumed capacity	The total provisioned capacity across all Cloud Volumes ONTAP systems in your account.
Total precommitted capacity	The total licensed capacity that you purchased from NetApp, including both BYOL licenses and Marketplace contracts. This value is the sum of Total BYOL capacity and Total Marketplace contracts capacity.
Total BYOL capacity	The portion of pre-committed capacity covered by bring your own license (BYOL) licenses that you purchased directly from NetApp.
Total Marketplace contracts capacity	The portion of pre-committed capacity covered by annual marketplace contracts or private offers purchased through your cloud provider's marketplace.

Column	Description
Total PAYGO capacity	The portion of consumed capacity that isn't covered by any pre-committed license and is billed at pay-as-you-go (PAYGO) hourly marketplace rates.

- **Cloud Volumes ONTAP package usage**: This report provides the same capacity breakdown as the High-level usage report, but organized per licensing package. It includes the following information:

Column	Description
Total consumed capacity	The total provisioned capacity for this package across all Cloud Volumes ONTAP systems in your account.
Total precommitted capacity	The total licensed capacity for this package that you purchased from NetApp, including both BYOL licenses and Marketplace contracts. This value is the sum of Total BYOL capacity and Total Marketplace contracts capacity.
Total BYOL capacity	The portion of pre-committed capacity for this package covered by bring your own license (BYOL) licenses that you purchased directly from NetApp.
Total Marketplace contracts capacity	The portion of pre-committed capacity for this package covered by annual marketplace contracts or private offers purchased through your cloud provider's marketplace.
Total PAYGO capacity	The portion of consumed capacity for this package that isn't covered by any pre-committed license and is billed at pay-as-you-go (PAYGO) hourly marketplace rates.

- **Storage VMs usage**: This report shows how charged capacity is broken down across Cloud Volumes ONTAP systems and storage virtual machines (SVMs). This information is only available in the report. It contains the following information:

Column	Description
System ID and name	The unique identifier (UUID) and display name of the Cloud Volumes ONTAP system.
Cloud	The cloud provider where the system is deployed (for example, AWS, Azure, or Google Cloud).
NetApp account ID	The identifier for the NetApp account associated with the system.
System configuration	The deployment configuration of the system (for example, single node or HA pair).
SVM name	The name of the storage virtual machine (SVM) within the Cloud Volumes ONTAP system.
Provisioned capacity	The total capacity provisioned on the SVM.
Charged capacity roundup	The capacity actually billed for the SVM. Each SVM has a minimum billable capacity (4 TiB by default, though this can vary by account). If the SVM's provisioned capacity is at or below that minimum, this value is rounded up to the minimum; otherwise it equals the provisioned capacity.

Column	Description
Marketplace billing term	The billing period for the associated marketplace subscription (for example, hourly or annual).
Cloud Volumes ONTAP package or feature	The licensing package or feature (for example, Essentials or Professional) associated with the SVM.
Charging SaaS Marketplace subscription name	The name of the marketplace subscription used for billing.
Charging SaaS Marketplace subscription ID	The unique identifier of the marketplace subscription used for billing.
Workload type	Indicates whether the SVM's volumes are **Primary** (read/write), actively used for production data, or **Secondary** (DP), data-protection destination volumes such as SnapMirror replicas used for backup and replication.

- **Volumes usage**: This report shows how charged capacity is broken down by volumes in a Cloud Volumes ONTAP system. This information is not available on any screen in the Console. It includes the following information:

Column	Description
System ID and name	The unique identifier (UUID) and display name of the Cloud Volumes ONTAP system that contains the volume.
SVM name	The name of the storage virtual machine (SVM) that contains the volume.
Volume ID	The unique identifier of the volume.
Volume type	The type of volume (for example, read-write or data protection).
Volume provisioned capacity	The total capacity provisioned for the volume.

FlexClone volumes aren't included in this report because these types of volumes don't incur charges.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. On the **Overview** tab, select **View** from the Cloud Volumes ONTAP tile.
3. Select **Usage report**.

   The usage report downloads.

4. Open the downloaded file to access the reports.

Manage BYOL licenses for Cloud Volumes ONTAP

Bring-Your-Own License (BYOL) is a charging model in Cloud Volumes ONTAP, in which you pay for capacity consumption through a license that you purchase directly from NetApp instead of through marketplace subscriptions. Manage your BYOL licenses in the NetApp Console to ensure that your Cloud Volumes ONTAP systems have valid licenses

with the required capacity. For more information, refer to Licensing for Cloud Volumes ONTAP.

NetApp recommends capacity-based licensing for all new deployments. If you have an existing license using the previous-generation node-based model, you must convert it to capacity-based licensing. For instructions, see Convert a Cloud Volumes ONTAP node-based license to a capacity-based license.

> PAYGO (pay-as-you-go) subscriptions from your cloud provider's marketplace aren't available for private-mode deployments. In private mode, NetApp provides BYOL licenses directly. Node-based licenses are available only for existing private-mode deployments and can't be newly deployed. NetApp has restricted the purchase, extension, and renewal of node-based licenses in private mode since June 25, 2025. If you have an existing node-based license, you must convert it to capacity-based licensing.

For new private-mode deployments, use capacity-based licensing instead. See Deploy Cloud Volumes ONTAP in private mode.

Manage PAYGO subscriptions

The Licenses and subscriptions menu enables you to view details about each of your PAYGO Cloud Volumes ONTAP systems, including the serial number and PAYGO subscription type. PAYGO subscriptions from your cloud provider's marketplace are available only for capacity-based licensing.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. Select the **Overview** tab.
3. On the Cloud Volumes ONTAP tile, select **View**.
4. In the **Subscriptions** tab, view details in the table about each of your PAYGO subscriptions.

Manage BYOL licenses

Manage licenses that you purchased directly from NetApp by adding and removing system licenses and extra capacity licenses.

> NetApp has restricted the purchase, extension, and renewal of BYOL licensing. For more information, refer to Restricted availability of BYOL licensing for Cloud Volumes ONTAP.

BYOL licensing for Cloud Volumes ONTAP now includes both node-based licenses and capacity-based licenses purchased directly from NetApp.

For **capacity-based BYOL licenses**, the license is associated with your Console account rather than a single Cloud Volumes ONTAP system. Each system receives its own serial number, but multiple systems under the same account draw from the same shared capacity pool and can share the underlying license.

For **node-based BYOL licenses**, this pooling doesn't apply. Each Cloud Volumes ONTAP system requires its own dedicated system license, and licenses aren't shared across systems. However, if you delete a system, you can transfer it to a new system. For more information, see Learn about Cloud Volumes ONTAP node-based BYOL.

Add unassigned licenses

Add a BYOL license to the Console so that you can select the license when you create a new Cloud Volumes ONTAP system. The Console identifies these licenses as *unassigned*.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. Select the **Overview** tab.
3. On the Cloud Volumes ONTAP tile, select **View**.
4. Select the **Licenses** tab.
5. Click **Unassigned**.
6. Click **Add Unassigned Licenses**.
7. Enter the serial number of the license or upload the license file.

   If you don't have the license file yet, refer to the section below.

8. Click **Add License**.

Result

The Console adds the license. The license will be identified as unassigned until you associate it with a new Cloud Volumes ONTAP system. After that happens, the license moves to the **BYOL** tab in **Licenses and subscriptions**.

Exchange an unassigned license

If you have an unassigned license for Cloud Volumes ONTAP that you haven't used, you can exchange it by converting it to a NetApp Backup and Recovery license, a NetApp Data Classification license, or a NetApp Cloud Tiering license.

Exchanging the license revokes the Cloud Volumes ONTAP license and creates a dollar-equivalent license for the service:

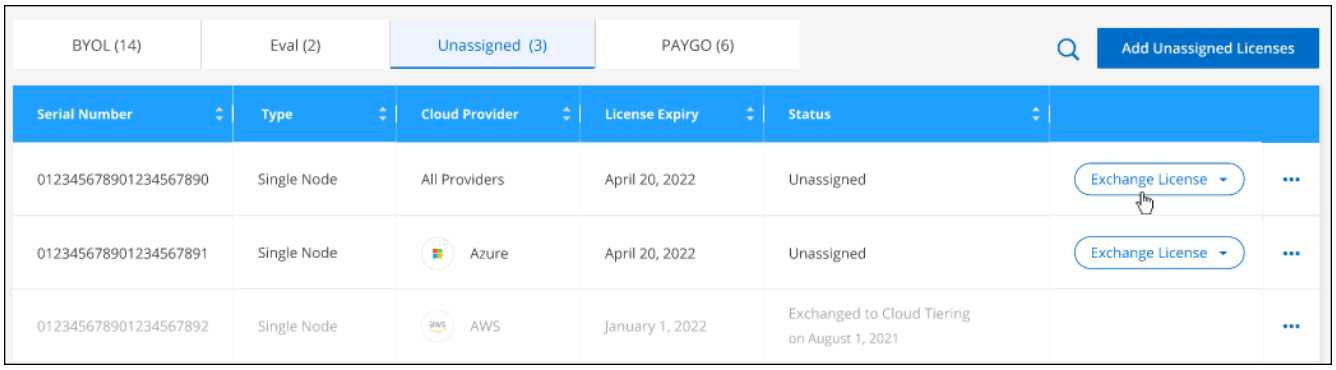
- Licensing for a Cloud Volumes ONTAP HA pair is converted to a 51 TiB direct license
- Licensing for a Cloud Volumes ONTAP single node is converted to a 32 TiB direct license

The converted license has the same expiration date as the Cloud Volumes ONTAP license.

View walkthrough of how to exchange unassigned licenses.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. Select the **Overview** tab.
3. On the Cloud Volumes ONTAP tile, select **View**.
4. Select the **Licenses** tab.
5. Click **Unassigned**.
6. Click **Exchange License**.



7. Select the service that you'd like to exchange the license with.
8. If you're prompted, select an additional license for the HA pair.
9. Read the legal consent and click **Agree**.

Result

The Console converts the unassigned license to the service that you selected. You can view the new license in the **Data Services Licenses** tab.

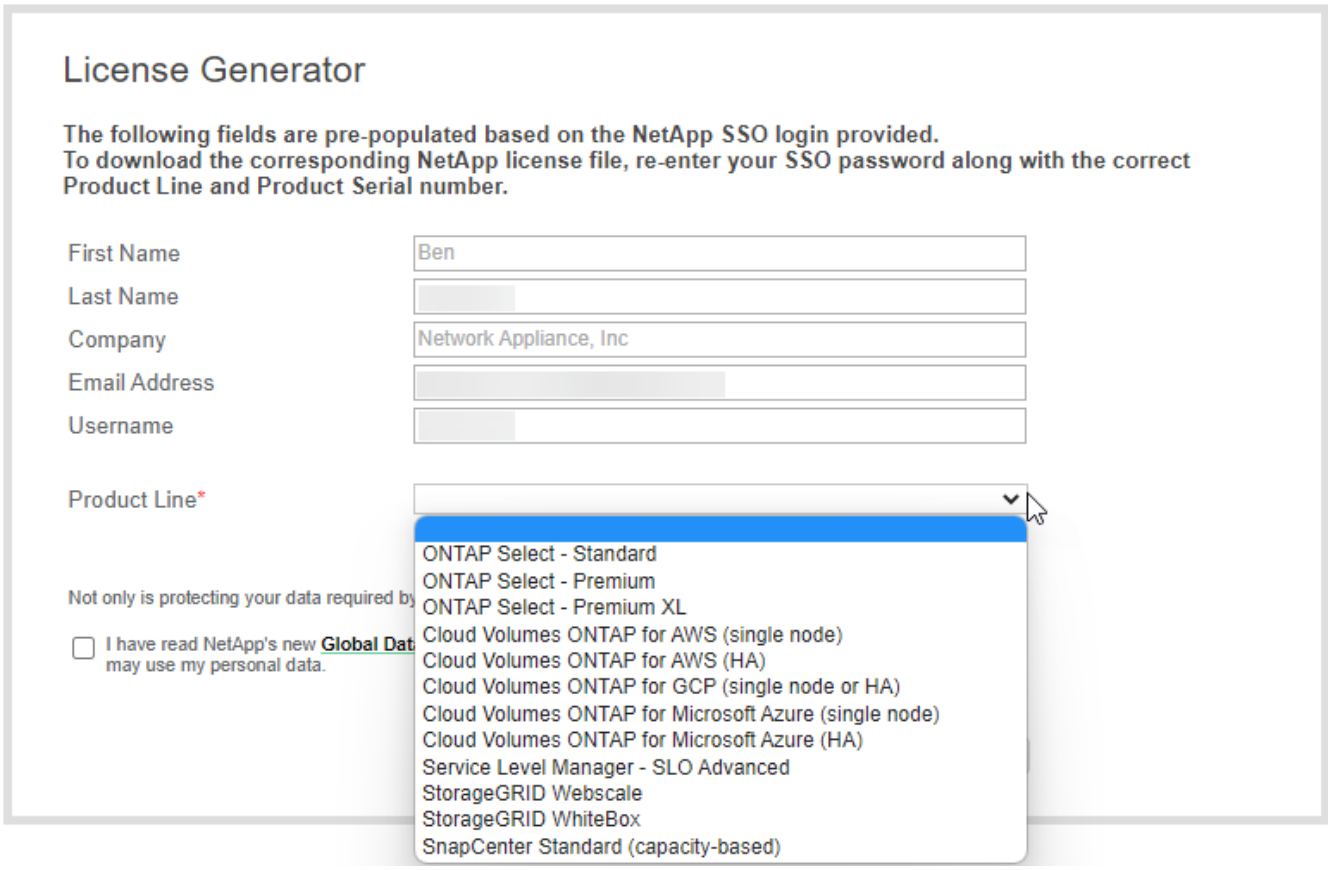
Obtain a system license file

In most cases, the Console 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.

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.

Update a system license

When you renew a BYOL subscription by contacting a NetApp representative, the Console automatically obtains the new license from NetApp and installs it on the Cloud Volumes ONTAP system. If the Console can't access the license file over the secure internet connection, you can obtain the file yourself and then manually upload the file.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. Select the **Overview** tab.
3. On the Cloud Volumes ONTAP tile, select **View**.
4. Select the **Licenses** tab.
5. In the **BYOL** tab, expand the details for a Cloud Volumes ONTAP system.
6. Click the action menu next to the system license and select **Update License**.
7. Upload the license file (or files if you have an HA pair).
8. Click **Update License**.

Result

The Console updates the license on the Cloud Volumes ONTAP system.

Manage extra capacity licenses (node-based licenses only)

This procedure applies to node-based licenses only. Capacity-based licenses draw from a shared capacity pool and don't require separate extra capacity licenses.

You can purchase extra capacity licenses for a Cloud Volumes ONTAP node-based BYOL system to allocate more than the 368 TiB of capacity that's provided with a system license. For example, you might purchase one extra license to allocate up to 736 TiB of capacity to Cloud Volumes ONTAP. Or you could purchase three extra capacity licenses to get up to 1.4 PiB.

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

Add capacity licenses

Contact your NetApp representative to purchase an extra capacity license. After you purchase the license, you can apply it to a Cloud Volumes ONTAP system.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. Select the **Overview** tab.
3. On the Cloud Volumes ONTAP tile, select **View**.
4. Select the **Licenses** tab.
5. In the **BYOL** tab, expand the details for a Cloud Volumes ONTAP system.
6. Click **Add Capacity License**.
7. Enter the serial number or upload the license file (or files if you have an HA pair).
8. Click **Add Capacity License**.

Update capacity licenses

If you extended the term of an extra capacity license, you'll need to update the license in the Console.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.
2. Select the **Overview** tab.
3. On the Cloud Volumes ONTAP tile, select **View**.
4. Select the **Licenses** tab.
5. In the **BYOL** tab, expand the details for a Cloud Volumes ONTAP system.
6. Click the action menu next to the capacity license and select **Update License**.
7. Upload the license file (or files if you have an HA pair).
8. Click **Update License**.

Remove capacity licenses

If an extra capacity license expired and is no longer in use, then you can remove it at any time.

Steps

1. From the left navigation pane, select **Administration > Licenses and subscriptions**.

2. Select the **Overview** tab.
3. On the Cloud Volumes ONTAP tile, select **View**.
4. Select the **Licenses** tab.
5. In the **BYOL** tab, expand the details for a Cloud Volumes ONTAP system.
6. Click the action menu next to the capacity license and select **Remove License**.
7. Click **Remove**.

Change between PAYGO and BYOL

This applies to standard-mode deployments only, since PAYGO isn't available in private mode.

Converting a system from PAYGO to BYOL licensing (and vice versa) isn't supported. If you want to switch between a PAYGO subscription and a BYOL subscription, then you need to deploy a new system and replicate data from the existing system to the new system.

Steps

1. Create a new Cloud Volumes ONTAP system.
2. Set up a one-time data replication between the systems for each volume that you need to replicate.

   Learn how to replicate data between systems

3. Terminate the Cloud Volumes ONTAP system that you no longer need by deleting the original system.

   Learn how to delete a Cloud Volumes ONTAP system.

Related links

- End of availability of node-based licenses
- Convert node-based licenses to capacity based

Manage private offers

Accept and configure an AWS Marketplace private offer for the NetApp Console

Accept a Marketplace private offer for the NetApp Console in the AWS Marketplace Portal and configure AWS credentials in the Console.

Before you begin

- Work with NetApp sales to create a private offer and obtain the activation link.
- Ensure you have the required AWS Marketplace permissions:
  - Viewing and subscribing to a private offer
  - Buyer permissions validation

Accept the private offer in the AWS Marketplace Portal

Completing the subscription assignment in the Console is required to activate the purchase and apply discounted pricing.

You must complete all steps to activate your private offer. Skipping steps may result in billing errors. Accepting and activating the offer multiple times can result in double charging.

Steps

1. Select the private offer activation link from your NetApp sales team.

   The link should look similar to the following: `https://aws.amazon.com/marketplace/saas/ordering?productId=aaa&offerId=offer-aaa`

   If you did not receive the link, view private offers in the AWS Marketplace console. The following permissions are required:

   - Using AWS managed policies: **AWSMarketplaceRead-only**, **AWSMarketplaceManageSubscriptions**, or **AWSMarketplaceFullAccess**
   - Using custom IAM policies: `aws-marketplace:ListPrivateListings` and `aws-marketplace:ViewSubscriptions`

2. You are redirected to AWS Marketplace to view the private offer.

   Private offers are created on top of public listings. Use the **Offer selection** dropdown to switch between public and private offers.

3. Review the private offer details and confirm they match your agreement. If they are incorrect, do not accept. Contact your NetApp account team.

   Two types of private offers exist:

   - **On-demand usage**
     - Pricing information
     - Legal terms
   - **Contract**
     - Duration and dates
     - Renewal settings
     - Contract options
     - Total contract price

   For contract offers, enter the number of units agreed upon. For Cloud Volumes ONTAP, ensure you select the correct license before subscribing.

4. To accept the private offer, do the following:
   a. For on-demand usage, select **Subscribe**.
   b. For contract offers, enter the number of units for each service and select **Create contract**.
5. After acceptance, a banner confirms the subscription and provides registration instructions.
6. Select **Set up your account**. This redirects to the NetApp Console to configure the subscription.

   If you accepted the offer but did not complete registration, return to the product page. For contract listings, select **View purchase options** to display the offer, then select **Set up**

your account.

7. Sign in at https://console.netapp.com.
8. After logging in, navigate to https://console.netapp.com/licenses/overview. You are prompted to:
   a. Enter a **Display name** for the Marketplace subscription.
   b. Select the Console **Organization** with access to the subscription.
   c. [Optional] Enable **Replace existing subscription** to overwrite an existing subscription for an organization.

   - Replacement applies only to one Console account.
   - To associate multiple accounts with the same subscription, configure additional accounts manually.
   - If credentials were never associated with a subscription, associate them manually as described in the next section.

9. Select **Associate**.
10. Complete the form to associate the subscription with your Console organization. Select **Associate**.
11. After associating the subscription, select the **Billing preferences** tab.
12. Review the marketplace subscription options.
13. Select the marketplace subscription you want to bill. This only applies when there is more than one option.
14. Select **Save changes**.
15. Repeat these steps as needed if there are multiple subscriptions across multiple cloud providers.

For more information on marketplace subscriptions and direct licenses billing, see the Billing preferences documentation.

Accept and activate an Azure private offer for the NetApp Console

Accept and subscribe to a Marketplace private offer for the NetApp Console in the Azure portal. Configure Azure credentials in the Console.

Before you begin

- Work with NetApp sales to create a private offer for your Azure Billing ID.
- You have the required permissions to accept a private offer in the Azure Marketplace:
  - Enterprise Agreement (EA): **Enterprise administrator**
  - Microsoft Customer Agreement (MCA): **Billing account owner** or **Billing account contributor**
- You must have the required permissions to purchase a private offer in the Azure Marketplace and create a subscription:
  - **Subscription owner** or **Subscription contributor** of the Azure subscription being used
- A single individual can both accept and purchase the private offer if they have the necessary permissions.

Accept and subscribe to the private offer in the Azure portal

An Azure subscription can be associated with only one Marketplace subscription.

If you want to use two different Marketplace subscriptions for workloads in the same Azure subscription, you must create two separate Console accounts—one for each subscription.
If you have multiple Cloud Volumes ONTAP instances and want to split billing across different subscriptions, create separate Console accounts for each subscription.

> You must complete all steps to accept and activate your private offer. Skipping steps may result in activation issues or double charging.
>
> If you notice discrepancies in the offer terms, pricing, or details, or if you are unsure which offer to accept, do not accept the offer. Contact your NetApp sales team.
>
> Accepting and activating the offer multiple times can result in double charging.

Steps

1. Select the private offer link provided by your NetApp sales team and sign in.
   If no link is available, sign in directly to the Azure portal.
2. Search or select **Marketplace** from the Azure services.
3. On the Marketplace page, select **Private offer management** under the **Management** section.
4. Select **View + accept** to review the details of the private offer.
   a. Validate that the **plan details**, **term**, and **pricing** are correct.
   b. If details are incorrect, do not subscribe. Contact your NetApp sales team to correct the offer.
5. Confirm and select **Accept private offer**.
6. Select **Purchase** to complete the purchasing process.

   > If the **Purchase** button is not available, confirm that you have the required purchasing permissions.
   > If you do not, copy and share the purchase window link with someone in your organization who is authorized.

7. In the purchasing workflow:
   a. Select the **Azure subscription** to use.
   b. Select the **Resource group** where the subscription will be created.
   c. Enter a **Name** for the new subscription.
8. Optionally, set **Tags** (for product, site location, workload definition, or naming convention).
9. Select **Review and subscribe**, validate the details, and then select **Subscribe**.
10. When the subscription is successfully created, select **Configure account now**. This redirects you to the NetApp Console to complete configuration.

    > Azure-side automation can take between 30 seconds and 5 minutes to complete.
    > If the page was closed before you selected **Configure account now**, return to the service in the Azure portal.
    > The subscription displays as **Pending configuration**. Select it to continue configuration.

11. You are redirected to https://console.netapp.com and prompted to sign in.
12. After logging in, you are redirected to https://console.netapp.com/licenses/overview.
    You are prompted to:

a. Enter a **Display name** for the Marketplace Subscription.

b. Select the Console **Organizations** that should have access to this subscription.

c. Optionally, enable **Replace existing subscription** to automatically replace an existing Marketplace subscription in one Console organization.

- This replacement option is limited to a single Console organization.
- To associate multiple Console accounts with the same Marketplace subscription, configure the additional accounts manually.

13. Select **Associate**.
14. Complete the form to associate the subscription with your Console organization. Select **Associate**.
15. After associating the subscription, select the **Billing preferences** tab.
16. Review the marketplace subscription options.
17. Select the marketplace subscription you want to bill. This only applies when there is more than one option.
18. Select **Save changes**.
19. Repeat these steps as needed if there are multiple subscriptions across multiple cloud providers.

For more information on marketplace subscriptions and direct licenses billing, see Learn about billing preferences for licenses and subscriptions.

Accept and configure a Google Cloud private offer for the NetApp Console

Accept a Marketplace private offer for the NetApp Console listing in the Google Cloud console. Configure Google Cloud credentials in the Console.

Before you begin

- Work with NetApp sales to create a private offer. Your sales team must provide you with the offer link.
- Your billing account must not be on a free trial. Free trial accounts cannot accept private offers. If you attempt to use a trial billing account, you will receive an error and require assistance from the NetApp cloud team.
- The following Google Cloud permissions are required to accept the offer:
  - `roles/billing.admin` for the targeted Cloud Billing account or Google Cloud organization
  - `roles/viewer` for the project billed to the Cloud Billing account

Accept the private offer in Google Cloud

A Google Cloud project can be associated with only one Marketplace subscription. If you want to use two different subscriptions for workloads in the same Google Cloud project, you must create two separate Console accounts—one for each subscription.

You must complete all steps to activate your private offer. Skipping steps can cause issues such as double charging.

If you notice discrepancies in the offer terms, pricing, or details, or if you are unsure which offer to accept, do not accept the offer. Contact your NetApp account team for clarification.

If you already have an active PAYGO subscription or an amended private offer, you only need to perform the acceptance steps. In these cases, the Marketplace updates the plan within the same listing and retains the same subscription ID, so the subscription association in the Console remains intact.

Steps

1. Select the private offer activation link provided by your NetApp sales team. The link should look similar to the following: `https://console.cloud.google.com/marketplace/private-offers/aaaaaaaa-bbbb-cccc-dddd-eeeeeeeeeee`
2. You are redirected to Google Cloud Marketplace where you can review the offer details:
   a. **Billing account**
   b. **Product**: NetApp Console
   c. **Offer details**
   d. **Pricing**

   Review the plan details, term, and pricing carefully. If anything is incorrect, do not accept the offer. Contact your NetApp account team for an amendment.
3. Confirm the information is accurate, accept the terms, and select **Accept**.
4. A loading icon appears while the subscription is created.
5. When the subscription is successfully created, a pop-up window displays: **Your order request has been sent to NetApp, Inc.**
6. Select **REGISTER WITH NETAPP, Inc.**. You are redirected to the NetApp Console to finish configuring your subscription. If the private offer was accepted by another individual in your organization:
   a. In Google Cloud Marketplace, go to **Orders**.
   b. Locate the offer with status **Pending**.
   c. Select the three-dot menu and select **Register with NetApp, Inc.**
7. You are redirected to `https://console.netapp.com` and prompted to sign in.
8. After logging in, you are redirected to `https://console.netapp.com/licenses/overview`. A popup is displayed where you must:
   a. Enter a display name for the **SaaS Marketplace Subscription**.
   b. Select the Console **Organizations** that should have access to the subscription.
   c. Optionally, you can enable **Replace existing subscription** if you want to automatically replace an existing Marketplace subscription in one Console organization.

   - This replacement option is limited to a single Console account.
   - If you need to associate multiple Console accounts with the same Marketplace subscription, you must configure the additional accounts manually.
9. Select **Associate**.
10. Complete the form to associate the subscription with your Console organization. Select **Associate**.
11. After associating the subscription, select the **Billing preferences** tab.

12. Review the marketplace subscription options.
13. Select the marketplace subscription you want to bill. This only applies when there is more than one option.
14. Select **Save changes**.
15. Repeat these steps as needed if there are multiple subscriptions across multiple cloud providers.

For more information on marketplace subscriptions and direct licenses billing, see the Billing preferences documentation.

Manage PAYGO subscriptions and contracts

When you subscribe to NetApp data services (including Cloud Volumes ONTAP) from a cloud provider's marketplace, you're redirected to the Console website where you save your subscription and associate it with your Console organization. After you subscribe, each subscription is available to manage in the Console.

- Learn how to subscribe to NetApp data services (standard mode)
- Learn how to subscribe to NetApp data services (restricted mode)

The **Marketplace subscriptions** page lists all licenses. For license details for a specific data service, use the data service tiles on the **Overview** dashboard. Learn more about the Overview dashboard.

Required Console role
To perform this task, you need the Licenses and subscriptions admin role.Learn about Licenses and subscriptions roles for NetApp Console.

Add a new marketplace subscription

You can subscribe to a marketplace subscription directly from the Console.

For AWS, your account might have more than one NetApp marketplace subscription available. If you associate only the standalone Cloud Volumes ONTAP subscription, you can deploy Cloud Volumes ONTAP using Essentials, but configuring Backup and Recovery requires a different subscription. To choose which subscription is used for Cloud Volumes ONTAP capacity billing (including changing billing for existing systems), go to **Administration > Licenses and subscriptions > Billing preferences**.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Marketplace Subscriptions**.
3. Above the **Subscriptions** table, select **Add Subscription**.
4. In the Add Subscription dialog, select a cloud provider.
    a. If choosing an AWS subscription, choose whether you want an annual contract or PAYGO subscription.
5. Select **Add subscription** to navigate to the provider's marketplace and complete the provided steps.
6. When finished at the cloud provider marketplace, return to the Console to complete the process.

View your subscriptions

You can view details about each PAYGO subscription and annual contract associated with your Console organization or account.

For Google Cloud, you can also identify marketplace subscriptions associated with a private offer, which enables you to verify that you successfully accepted the offer.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Marketplace Subscriptions**.

   You'll only see subscriptions associated with the organization you're currently viewing.

3. As you view subscription information, you can interact with the table details as follows:

   - Use Advanced Search and Filtering to determine which subscriptions display in the table. You can search by specific subscription name and filter by various subscription parameters such as type and configuration.
   - Expand a row to view more details.
   - Select to choose which columns appear in the table.

     The Term and Auto Renew columns do not appear by default. The Auto Renew column displays renewal information for Azure contracts only.

Note the following about the table information:

Start date

The start date is when you successfully associated the subscription with your account and charging started.

N/A

If you see N/A in the table, the information is not currently available from the cloud provider's API.

Term

If your Google Cloud subscription is associated with a private offer that was modified after creation and acceptance, the term shows N/A. In this scenario, the API response from Google Cloud Marketplace doesn't include term-related information.

Contracts

- When you expand contract details, the Console displays the available contract options and units (capacity or number of nodes) for your current plan.
- The Console identifies the end date and whether the contract will renew soon, end soon, or has already ended.
- If you have an AWS contract and changed any contract options after the start date, validate your contract options from the AWS Marketplace.
- If you have a Google Cloud private offer, contract options aren't available.

Rename a subscription

You can rename a subscription to better identify how your organization uses it.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Marketplace Subscriptions**.
3. Select the action menu in the row that corresponds to the subscription you want to manage and choose **Rename**.

Configure a subscription with a provider credential

Subscriptions are typically configured with the provider credential you created when you subscribed. In some cases, you may need to reconfigure a subscription to use a different credential to change how it is charged. The credential you associate with a subscription must also be associated with an agent.

The credential format depends on the marketplace you are using. For example, Azure marketplace subscriptions are associated with the Azure subscription name, while AWS marketplace subscriptions use the AWS account ID. You can see a list of available credentials from the Credentials page.

The Configure option is grayed out if you have unsubscribed from a subscription.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Marketplace Subscriptions**.
3. Select the action menu in the row that corresponds to the subscription you want to configure and choose **Configure**.
4. In the Configure dialog, choose a credential to configure with the subscription. You can only choose from credentials associated with the currently selected agent. If you don’t see the credential you want to use, try switching to a different agent view.

Associate a subscription with a Console organization

Associating a subscription with an organization ensures members of that organization can use that subscription for charging.

You can limit subscription use to a specific organization or share the subscription between multiple organizations.

You must have the organization admin role to associate a subscription with an organization.

The Console supports Identity and Access Management (IAM) in standard mode, which uses organizations to manage users and resources. If you’re using the Console in private or restricted mode, you use a Console *account* to manage users and resources, including subscriptions.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Marketplace Subscriptions**.
3. In the row for the subscription you want to associate, open the action menu then select **Associate**.
4. In the **Associate the subscription** dialog, select the Console organizations you want to associate with the subscription.
5. Select **Associate**.

View credentials associated with a subscription

You can view the credentials for a specific subscription from the **Marketplace Subscriptions** page. This allows you to verify how the subscription is billed. Because credentials are tied to the agent you're using, you must select the agent associated with the subscription you want to view.

Use the Agent drop-down in the top navigation bar to switch agents if needed.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Marketplace Subscriptions**.
3. On the row containing the subscription whose credentials you want to view, select **View**. If multiple credentials are associated with a subscription, no credentials may display and you are directed to select a different agent.

Remove a subscription

When you unsubscribe from a subscription in your cloud provider (AWS, Google Cloud, or Azure), the Console shows the subscription status as **Unsubscribed**. When you've unsubscribed from a subscription, you can also remove it from Licenses and subscriptions.

Before you begin

- You can only remove subscriptions with a status of **Unsubscribed**. All related settings, data, and configuration must be cleared or reset before removal.

  If the subscription is still configured, the **Remove** option is not available.

Steps

1. In the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Marketplace Subscriptions**.
3. In the row for the subscription you want to remove, open the action menu and select **Remove**.
4. In the **Remove subscription** dialog, select **Remove** to confirm that you want to remove the subscription.

Manage Keystone subscriptions

Manage your Keystone subscriptions in the NetApp Console by enabling subscriptions for use with Cloud Volumes ONTAP and by requesting changes to the committed capacity for your subscription's service levels. Requesting additional capacity for a service level provides more storage for Cloud Volumes ONTAP systems.

NetApp Keystone is a flexible pay-as-you-grow subscription-based service that delivers a hybrid cloud experience for customers who prefer OpEx to CapEx or leasing.

Learn more about Keystone

Required Console role
To perform this task, you need the Licenses and subscriptions admin role.Learn about Licenses and subscriptions roles for NetApp Console.

Authorize your account

Before you can use and manage Keystone subscriptions in the Console, you need to contact NetApp to authorize your Console account with your Keystone subscriptions.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Keystone Subscriptions**.
3. If you see the **Welcome to NetApp Keystone** page, send an email to the address listed on the page.

   A NetApp representative will process your request by authorizing your account to access the subscriptions.
4. Come back to the **Keystone Subscriptions** tab to view your subscriptions.

Link a subscription

After NetApp authorizes your account, you can link Keystone subscriptions for use with Cloud Volumes ONTAP. This action enables users to select the subscription as the charging method for new Cloud Volumes ONTAP systems.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Keystone Subscriptions**.
3. For the subscription that you want to link, select ••• and select **Link**.

Result

The subscription is now linked to your Console organization or account and available to select when creating a Cloud Volumes ONTAP working environment.

Request more or less committed capacity

If you want to change the committed capacity for your subscription's service levels, you can send a request to NetApp directly from the Console. Requesting additional capacity for a service level provides more storage for Cloud Volumes ONTAP systems.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Keystone Subscriptions**.
3. For the subscription that you want to adjust the capacity, select ••• and select **View detail and edit**.
4. Enter the requested committed capacity for one or more subscriptions.
5. Scroll down, enter any additional details for the request, and then select **Submit**.

Result

Your request creates a ticket in NetApp's system for processing.

Monitor usage

The Digital Advisor dashboard enables you to monitor Keystone subscription usage and generate reports.

Learn more about monitoring subscription usage

Unlink a subscription

If you no longer want to use a Keystone subscription with the Console, you can unlink the subscription. Note that you can only unlink a subscription that isn't attached to an existing Cloud Volumes ONTAP subscription.

Steps

1. From the NetApp Console menu, select **Administration > Licenses and subscriptions**.
2. Select **Keystone**.
3. For the subscription that you want to unlink, select ••• and select **Unlink**.

Result

The subscription is unlinked from your Console organization or account and no longer available to select when creating a Cloud Volumes ONTAP working environment.

Billing preferences

Learn about billing preferences for licenses and subscriptions

Billing preferences allows you to determine how you handle payments and renewal behavior for your active licenses and subscriptions.
You can apply these preferences globally, so they affect all billing relationships, or at the individual subscription level when a specific contract requires its own configuration.

- **Marketplace subscriptions** correspond to cloud marketplace contracts (AWS, Azure, or Google Cloud) where usage charges are through a cloud provider account
- **Direct licenses** represent licenses purchased directly from NetApp, managed in NetApp Console through license keys, invoice recipients, and renewal options.

You can configure how your organization allocates and pays for services depending on your procurement model.

Permissions

The management of licenses and subscriptions within the NetApp Console is controlled through user roles. These roles provide distinct access levels, enabling or restricting specific actions that users can take for this feature.

Role	Description
Admin	Users with this role have full control over licenses and subscriptions. Admin users can: • View all licenses and subscriptions. • Add new licenses. • Associate subscriptions with accounts. • Modify existing license details. • Delete licenses or disassociate subscriptions.

Role	Description
Viewer	Users with this role have read-only access. Viewer users can: • View all licenses and subscriptions.

Billing preferences

Billing preferences ensure that usage charges and renewals are applied correctly. Configuring them properly reduces billing disputes and makes it easier to manage hybrid licensing models that combine NetApp-owned and marketplace-purchased capacity.

For example, global billing preferences can unify your invoice contact list so all services share a single billing administrator. You can also use cost center tags to align usage across departments or regions, and enable automatic renewal to prevent service interruptions.
New Cloud Volumes ONTAP deployments automatically inherit the billing mode you define here, which keeps your organization's chargeback model consistent as new systems are added.

Billing preferences are configured in the **Licenses and subscriptions** section of NetApp Console.

From there, you can:

- Set billing preferences for your organization
- Enable advanced mapping of Cloud Volumes ONTAP instances to marketplace subscriptions
- Edit or update marketplace subscription details

Flexible billing for Cloud Volumes ONTAP and data services in AWS

In AWS, Cloud Volumes ONTAP capacity and NetApp data services can be billed through different AWS marketplace subscriptions. For details on AWS Enterprise Discount Program (EDP) changes and recommendations, see the Cloud Volumes ONTAP release notes.

If both a standalone Cloud Volumes ONTAP subscription and the NetApp Intelligent Services (NIS) subscription are available for your AWS account, you can use **Billing preferences** to select which subscription is used for Cloud Volumes ONTAP capacity billing.

> Billing behavior depends on whether you have existing Cloud Volumes ONTAP systems already running and billed through NIS, or you are deploying new systems after adding the standalone Cloud Volumes ONTAP subscription. For existing systems, adding the standalone subscription does not change billing unless you update **Billing preferences**. For new deployments created after the standalone subscription is available, the standalone subscription is used by default for Cloud Volumes ONTAP capacity billing (Essentials/Freemium), unless you override it in **Billing preferences**.

- Standalone Cloud Volumes ONTAP subscription (recommended): Cloud Volumes ONTAP capacity (Essentials/Freemium)
- NetApp Intelligent Services (NIS) subscription: NetApp data services (and Cloud Volumes ONTAP Professional)

The standalone Cloud Volumes ONTAP subscription supports only capacity-based Essentials and Freemium packages. The Professional package is not supported and continues to bill through NIS. If you have only the standalone subscription associated, you can deploy Cloud Volumes ONTAP using Essentials, but configuring Backup and Recovery requires a different subscription.

Where to configure it

You associate AWS marketplace subscriptions under **Administration > Licenses and subscriptions > Marketplace subscriptions**, and you choose the marketplace subscription used for Cloud Volumes ONTAP capacity billing under **Administration > Licenses and subscriptions > Billing preferences**. You can verify charging details using Cloud Volumes ONTAP usage reports.

No duplicate metering occurs when you use multiple subscription types or migrate between listings.

Fields

Billing fields store metadata about how each license or subscription is billed.
They describe who is billed, how renewals occur, and which account or cost center each service belongs to.

Marketplace fields

Marketplace fields describe contracts that originate from a cloud provider such as AWS, Azure, or Google Cloud.
These fields define how NetApp Console connects your subscriptions with the billing information stored in the provider's marketplace.
They also control how renewals, regional assignments, and billing accounts are managed.

- **Marketplace provider** — Identifies the cloud platform where billing is handled.
  The provider determines the supported features, contract types, and renewal rules.
  For example, AWS marketplace subscriptions use account-based billing, while Azure may support both account and tenant-based models.
- **Billing account or subscription ID** — Specifies the unique identifier for the account used to process charges.
  This ensures that usage data is billed to the correct cloud billing profile.
- **Contract term** — Defines the subscription duration and renewal settings.

Direct license fields

Direct license fields apply to NetApp-managed contracts purchased directly rather than through a cloud marketplace.
They define how NetApp invoices you, where the charges are sent, and what legal entity appears on the invoice.
These fields are critical for organizations using purchase orders or centralized corporate billing.

Keystone fields

Keystone fields apply to usage that falls under a NetApp Keystone subscription agreement.
They allow you to connect metered service usage to your Keystone billing profile, aligning subscription data with other capacity-based licensing models.

- **Agreement ID** — A unique identifier for the Keystone contract.
  It links the billing record in NetApp Console with your Keystone agreement and allows synchronization of usage reporting.
- **Service scope** — Lists the services or capacity pools that fall under the Keystone agreement.
  This field clarifies which workloads or deployments are included in the contract and ensures that only eligible resources are billed through Keystone.

Billing options and definitions

Billing options define how NetApp Console prioritizes and applies usage charges when multiple billing sources are connected.
They control which account is charged first and how billing switches between NetApp licenses and marketplace subscriptions when capacity limits are reached.

Terms and options

You can choose between billing modes depending on your organization's procurement strategy:

- **NetApp licenses first** — Prioritizes billing through active NetApp licenses.
  When capacity from these licenses is exhausted, usage automatically rolls over to the linked marketplace subscription.
- **Marketplace subscriptions only** — Directs all billing through marketplace contracts, bypassing NetApp licenses.
  This is common for organizations that standardize procurement through cloud provider billing.
- **PAYGO (Pay-As-You-Go)** — Bills only for actual usage.
- **Annual contract** — Locks in a defined subscription term.
- **Auto-renew** — Enables automatic continuation of licenses or marketplace contracts when they expire.
  Disabling this option requires manual renewal to prevent service interruption.
- **Custom Cloud Volumes ONTAP configuration** — Allows mapping multiple marketplace subscriptions to a cloud provider.
  This might be useful when different business units or projects require distinct billing accounts within the same cloud environment.

Typical configuration paths

The following examples illustrate how different billing setups align with common cases:

Scenario	Recommended billing option
Your organization purchased NetApp capacity directly	**NetApp licenses first**
All usage is billed through marketplace contracts	**Marketplace subscriptions only**
You bill multiple projects under one cloud provider	**Enable Custom CVO configuration**
You want to revert to a simple single-source billing setup	**Disable Custom CVO configuration**

For instance, consider an organization that combines both direct NetApp licenses and marketplace subscriptions.
A typical configuration would set **NetApp licenses first** as the default billing mode to use prepaid capacity before marketplace billing.
Then, under **Custom CVO configuration**, each cloud provider (AWS, Azure, Google Cloud) would be assigned its corresponding subscription ID.

After saving these settings, administrators can review the mappings under **Licenses and subscriptions** to verify that each service points to the correct account.
For additional validation, they can compare usage data in NetApp Console against cloud billing dashboards and adjust cost center tags or contacts as needed to maintain reporting consistency.

Manage billing preferences

You can configure and manage billing preferences in the NetApp Console to control how capacity usage, renewals, and invoices are applied to your organization's accounts. Billing preferences determine whether usage charges come from NetApp licenses, cloud marketplace contracts, or Keystone agreements.

Before you begin

- All relevant marketplace subscriptions are linked to your organization.
- You reviewed the existing configuration for **licenses and subscriptions**.

Required Console role

To perform this task, you need the Licenses and subscriptions admin role.Learn about Licenses and subscriptions roles for NetApp Console.

Set billing preferences

You can select how the Console applies usage charges across billing sources. This determines which accounts are charged first and how renewals are handled.

Steps

1. In NetApp Console, select **Administration > Licenses and subscriptions**.
2. Select **Billing preferences**.
3. Choose one of the following billing modes:
   - **NetApp licenses first** – Use NetApp licenses first, then marketplace subscriptions for additional usage.
   - **Marketplace subscriptions only** – Bill all usage directly through marketplace subscriptions.
4. Under **Marketplace subscriptions**, select the subscription for each cloud provider (AWS, Azure, and Google Cloud).
5. If you use multiple subscriptions under a single cloud provider, enable **Custom CVO configuration**.
6. Optionally, update **Invoice contacts** and **Notification contacts**.
7. Optionally, nter a **Cost center tag** to associate billing with internal accounting codes.
8. Select **Save changes**.
9. When prompted, review the confirmation dialog then select **Confirm**.

Result

NetApp Console updates the billing mappings. Future service charges and renewals now use the selected configuration.

Changing the billing mode redistributes how service charges are applied. New Cloud Volumes ONTAP instances automatically inherit the selected configuration.

Enable custom Cloud Volumes ONTAP configuration

You can now assign specific marketplace subscriptions to individual Cloud Volumes ONTAP instances under the same cloud provider.
Use this mode if your organization maintains different billing accounts for separate business units or

environments.

Steps

1. In NetApp Console, select **Administration > Licenses and subscriptions**.
2. Select **Billing preferences**.
3. Under **Marketplace subscriptions**, enable **Custom CVO configuration**.
4. Select **Save changes**.

Result

You can now assign specific marketplace subscriptions to individual Cloud Volumes ONTAP instances under the same cloud provider.

After this is enabled, custom Cloud Volumes ONTAP configuration cannot be reverted from the **Billing preferences**. Disabling this resets all Cloud Volumes ONTAP billing to the standard billing configuration for your data services.

Edit marketplace configuration

You can edit marketplace configuration details to associate subscriptions with cloud projects or to update contract information.

Steps

1. Open **Licenses and subscriptions**.
2. Select **Billing preferences**.
3. Select the view for the following:
   - **Marketplace subscription name**
   - **Cloud project**
   - **Subscription type** (Annual or PAYGO)
4. Select **Save changes**.

Result

The new configuration takes effect immediately, and billing data synchronizes with the cloud provider.

To map one subscription to multiple cloud projects, ensure that **Custom CVO configuration** is enabled first.

Confirm or revert billing changes

Every update to billing preferences requires confirmation to prevent accidental changes.

Confirm changes

1. After editing billing preferences, select **Save changes**.
2. Review the summary in the confirmation dialog.
3. Select **Save** to apply updates, or **Cancel** to discard them.

Revert to standard billing

1. Open **Billing preferences**.

2. Disable **Custom CVO configuration**.
3. When prompted, confirm that you want to revert to the standard configuration.

Result

Cloud Volumes ONTAP instances return to the default standard billing method used for the other data services.

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