



Azure Blob storage documentation

Azure Blob storage

NetApp

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Azure Blob storage documentation

What's new with Azure Blob Storage in the NetApp Console

Learn what's new with Azure Blob Storage in the NetApp Console.

06 October 2025

BlueXP is now NetApp Console

BlueXP has been renamed and redesigned to better reflect its role in managing your data infrastructure.

The NetApp Console provides centralized management of storage and data services across on-premises and cloud environments at enterprise grade—delivering real-time insights, faster workflows, and simplified administration.

For details on what has changed, see the [NetApp Console release notes](#).

05 June 2023

Ability to add new storage accounts from BlueXP

You have had the ability to view Azure Blob Storage on the BlueXP Canvas for quite a while. Now you can add new storage accounts and change properties for existing storage accounts directly from BlueXP. [Learn how to add new Azure Blob storage accounts](#).

Get started

View your Azure Blob storage accounts

After you install a Console agent in Azure, the NetApp Console can automatically discover information about the Azure storage accounts that reside in the Azure Subscriptions where the Console agent is installed. An Azure Blob system is added to the Systems page so you can view this information.

You can see details about your Azure storage accounts, including the location, resource group, used capacity, and more. These accounts can be used as destinations for operations from NetApp Backup and Recovery, NetApp Copy and Sync, and NetApp Cloud Tiering.

Steps

1. [Install a Console agent](#) in the Azure account where you want to view your Azure Blob storage accounts.
2. From the navigation menu, select **Storage > Systems**.

You should automatically see an Azure Blob Storage system shortly after.



3. Select the system. If you want to enable NetApp data services with your Azure Blob storage, select an action from the right pane

[See which data services are available and learn how to use them with your Azure Blob Storage accounts.](#)

4. Select **Enter System** or double-click the system, to view details about the Azure storage accounts.

In addition to the columns that appear by default, you can scroll the page to view additional properties for the storage account; for example, the number of tags, and the type of encryption that has been enabled.

Next steps

You can change some storage account settings directly from the Console by selecting ... for a storage account. [Go here for details.](#)

You can add new buckets by selecting **Add storage account**. [Go here for details.](#)

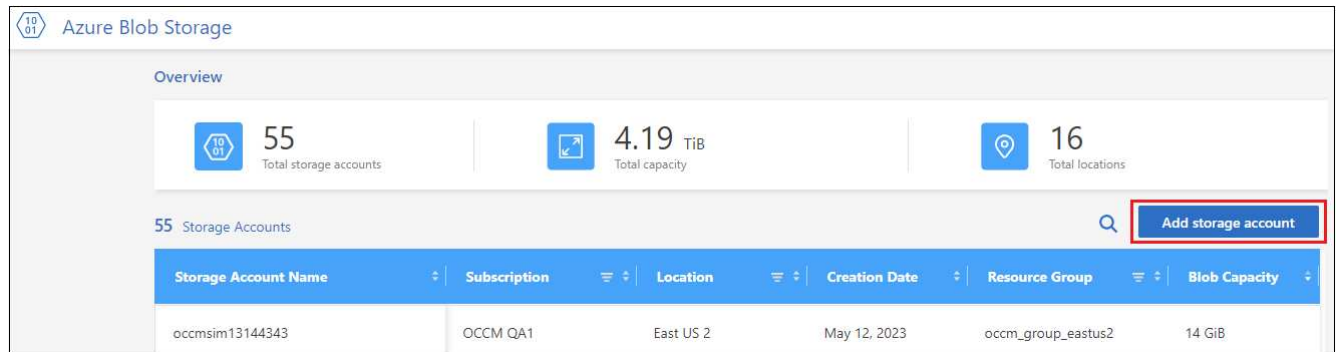
Manage Azure Blob storage accounts

Add Azure Blob storage accounts in the NetApp Console

Once your Azure Blob Storage system is available in the NetApp Console systems page, you can add additional storage accounts directly from the Console.

Steps

1. From the Systems page, select the Azure Blob Storage system to view its overview page.
2. Select **Add storage account**.



Azure Blob Storage

Overview

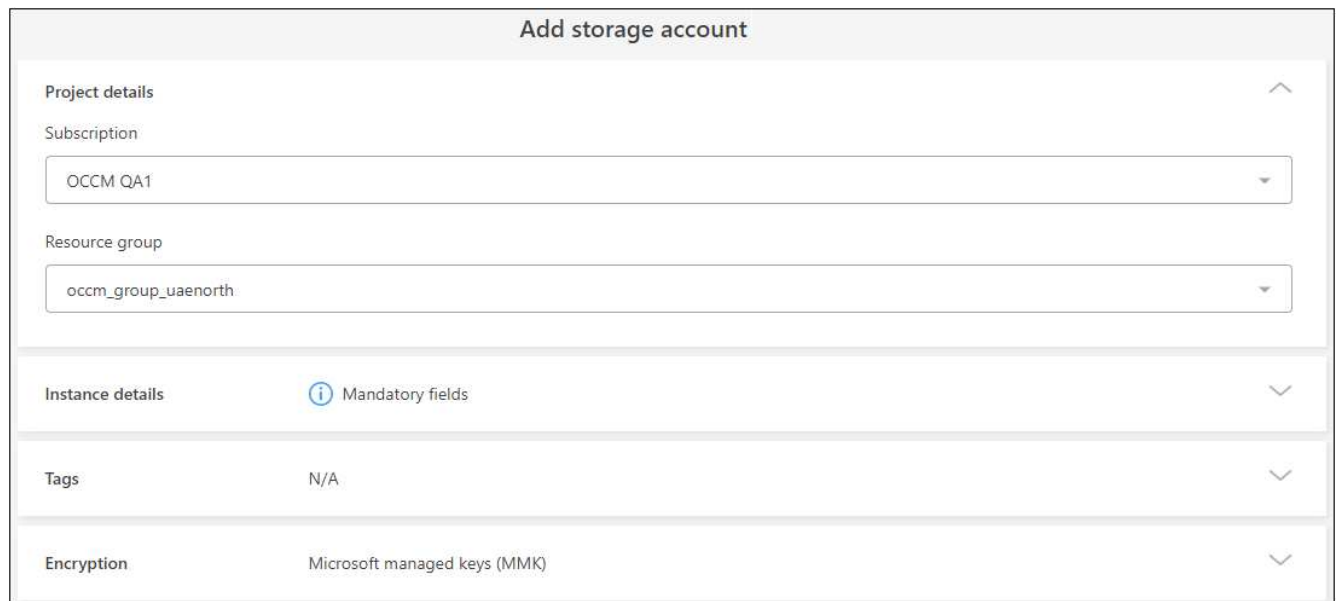
55 Total storage accounts | 4.19 TiB Total capacity | 16 Total locations

55 Storage Accounts

Add storage account

Storage Account Name	Subscription	Location	Creation Date	Resource Group	Blob Capacity
occmsim13144343	OCCM QA1	East US 2	May 12, 2023	occm_group_eastus2	14 GiB

The *Add storage account* page is displayed.



Add storage account

Project details

Subscription

OCCM QA1

Resource group

occm_group_uanorth

Instance details *Mandatory fields*

Tags N/A

Encryption Microsoft managed keys (MMK)

3. Enter the required information in the *Project details* section.

Field	Description
Subscription	Select the Azure subscription for the new storage account.

Field	Description
Resource group	Select an existing resource group for this storage account. Learn more about resource groups.

4. In the *Instance details* section, enter the name for the storage account, and select a region (or regions) for the storage account to be created in.

Field	Description
Storage account name	Enter the name you want to use for the storage account. The name must be between 3 and 24 characters in length, and it can contain numbers and lowercase letters only.
Azure Region	Select a region from the list where the storage account will be created. Select the appropriate region for your storage account. See the Microsoft documentation for information about Azure regions and availability zones. Not all regions are supported for all types of storage accounts or redundancy configurations. See the Microsoft documentation for information about Azure Storage redundancy. Additionally, the choice of region can have a billing impact. See the Microsoft documentation for information about Azure Storage account billing.
Performance type	Select whether you want to use Standard or Premium performance storage. See the Microsoft documentation for information about Types of storage accounts. <ul style="list-style-type: none"> • <i>Standard</i> performance is used for general-purpose v2 storage accounts. This type of account is recommended for most scenarios. • <i>Premium</i> performance is used for scenarios that require low latency. There are three types of premium storage accounts available: Block blobs, File shares, and Page blobs.

5. In the *Tags* section, you can enter up to 10 tag key/value pairs to group your resources.

Tags are metadata that you can use to group resources to identify applications, environments, regions, cloud providers, and more. You can add tags to a storage account so that the tags are applied to objects when they are added to the storage account.

Tags are disabled by default in new storage accounts created by the Console. [Learn more about tagging.](#)

6. In the *Encryption* section, choose the type of data encryption you want to use to protect access to the data in the storage account.

Data encryption type	Description
Microsoft-managed keys	By default, Microsoft-managed encryption keys are used to encrypt your data.

Data encryption type	Description
Customer-managed keys	<p>You can use your own customer-managed keys for data encryption instead of using the default Microsoft-managed encryption keys. If you're planning to use your own customer-managed keys, you'll need to have created them already so you can select the Key Vault and the Keys in this page.</p> <p>The keys can be in the same Subscription as the storage account, or you can select a different Subscription.</p>

See the Microsoft Azure documentation for [more information about Microsoft-managed keys](#), and [more information about Customer-managed keys](#).

7. Select **Add** to create the bucket.

Change Azure Blob storage account settings in the NetApp Console

Once your Azure Blob Storage system is available in the Systems page, you can change some storage account properties directly from the NetApp Console.


Note that you can't change the storage account name, Azure region, or the performance type of the storage.


The storage account properties you can change includes:


- The Subscription and Resource Group for the storage account.
- Add, change, or remove tags for the objects that are added to the storage account.
- Whether or not new objects added to the storage account are encrypted, and the option used for encryption.

You can change these storage account settings directly from the Console by selecting ... for a storage account.

Overview

 483
Total storage accounts

 10.08 TiB
Total capacity

 14
Total locations

483 Storage Accounts Search Add storage account

Storage Account Name	Subscription	Location	Creation Date	Resource Group	Blob Capacity	
occmgroupcanadacent	OCCM QA1	Canada Central	January 27, 2020	occm_group_canadacentral	676.87 KiB	...
netappbackupveah	OCCM QA1	East US 2	August 24, 2020	occm_group_eastasia	10.18	Edit project details
complianceDemo1rg	OCCM QA1	Central US	February 2, 2020	complianceDemo1-rg	795.2	Edit tags
u4yhkgkj44t9	OCCM QA1	Central US	February 3, 2020	azureCompliance-rg	603.2	Edit encryption

Change the Project details

In the *Project details* section you can change the Subscription and the Resource group for the storage account.

Field	Description
Subscription	Select a different Azure subscription for the storage account.
Resource group	Select a different resource group for the storage account. Learn more about resource groups.

Select **Save** to save the changes to the storage account.

Add or change tags for objects in the storage account

In the *Tags* section you can add up to 10 tag key/value pairs, or you can change or delete a tag key/value pair. Tags are applied to objects when they are added to the storage account. If you want to add more tags, select **Add new tag**.

[Learn more about tagging from the Microsoft documentation.](#)

Select **Save** to save the changes to the storage account.

Change the encryption setting

In the *Encryption* section, you can change the type of data encryption you want to use to protect access to the data in your storage accounts.

Data encryption type	Description
Microsoft-managed keys	By default, Microsoft-managed encryption keys are used to encrypt your data.
Customer-managed keys	<p>You can use your own customer-managed keys for data encryption instead of using the default Microsoft-managed encryption keys. If you're planning to use your own customer-managed keys, you'll need to have created them already so you can select the Key Vault and the Keys in this page.</p> <p>The keys can be in the same Subscription as the storage account, or you can select a different Subscription.</p>

See the Microsoft Azure documentation for [more information about Microsoft-managed keys](#), and [more information about Customer-managed keys](#).

Select **Save** to save the changes to the storage account.

Use NetApp data services with Azure Blob storage

After you discover Azure Blob storage accounts in the NetApp Console, you can use NetApp data services for backup, tiering, and data synchronization.

- Use **NetApp Backup and Recovery** to back up data from your on-premises ONTAP and Cloud Volumes ONTAP systems to Azure Blob storage.

To get started, navigate to the Systems page. Drag and drop an on-premises ONTAP or Cloud Volumes ONTAP system on your Azure Blob Storage system.

[Learn more about backing up ONTAP data to Azure Blob storage.](#)

- Use **NetApp Cloud Tiering** to tier inactive data from on-premises ONTAP clusters to Azure Blob storage.

To get started, navigate to the Systems page. Drag and drop an on-premises ONTAP system on your Azure Blob Storage system.

[Learn more about tiering ONTAP data to Azure Blob storage.](#)

- Use **NetApp Copy and Sync** to synchronize data to or from Azure Blob storage accounts.

To get started, navigate to the Systems page. Drag and drop the source system on the target system. Your Azure Blob Storage system can be either the source or target.

You can also select your Azure Blob Storage system then **Copy & Sync** from the Services panel to synchronize data to or from Azure Blob storage accounts.

[Learn more about Copy and Sync.](#)

Knowledge and support

Register for support

Support registration is required to receive technical support specific to the NetApp Console and its storage solutions and data services. Support registration is also required to enable key workflows for Cloud Volumes ONTAP systems.

Registering for support does not enable NetApp support for a cloud provider file service. For technical support related to a cloud provider file service, its infrastructure, or any solution using the service, refer to "Getting help" in the documentation for that product.

- [Amazon FSx for ONTAP](#)
- [Azure NetApp Files](#)
- [Google Cloud NetApp Volumes](#)

Support registration overview

There are two forms of registration to activate support entitlement:

- Registering your NetApp Console account serial number (your 20 digit 960xxxxxxx serial number located on the Support Resources page in the Console).

This serves as your single support subscription ID for any service within the Console. Each Console account must be registered.

- Registering the Cloud Volumes ONTAP serial numbers associated with a subscription in your cloud provider's marketplace (these are 20 digit 909201xxxxxxx serial numbers).

These serial numbers are commonly referred to as *PAYGO serial numbers* and get generated by the NetApp Console at the time of Cloud Volumes ONTAP deployment.

Registering both types of serial numbers enables capabilities like opening support tickets and automatic case generation. Registration is completed by adding NetApp Support Site (NSS) accounts to the Console as described below.

Register NetApp Console for NetApp support

To register for support and activate support entitlement, one user in your NetApp Console account must associate a NetApp Support Site account with their Console login. How you register for NetApp support depends on whether you already have a NetApp Support Site (NSS) account.

Existing customer with an NSS account

If you're a NetApp customer with an NSS account, you simply need to register for support through the Console.

Steps

1. Select **Administration > Credentials**.
2. Select **User Credentials**.

3. Select **Add NSS credentials** and follow the NetApp Support Site (NSS) authentication prompt.
4. To confirm that the registration process was successful, select the Help icon, and select **Support**.

The **Resources** page should show that your Console account is registered for support.

Note that other Console users will not see this same support registration status if they have not associated a NetApp Support Site account with their login. However, that doesn't mean that your account is not registered for support. As long as one user in the organization has followed these steps, then your account has been registered.

Existing customer but no NSS account

If you're an existing NetApp customer with existing licenses and serial numbers but *no* NSS account, you need to create an NSS account and associate it with your Console login.

Steps

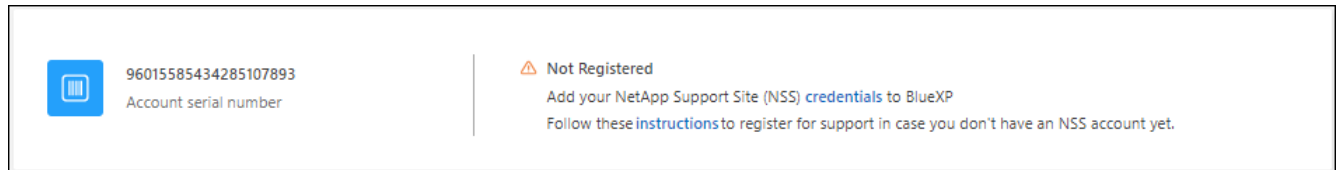
1. Create a NetApp Support Site account by completing the [NetApp Support Site User Registration form](#)
 - a. Be sure to select the appropriate User Level, which is typically **NetApp Customer/End User**.
 - b. Be sure to copy the Console account serial number (960xxxx) used above for the serial number field. This will speed up the account processing.
2. Associate your new NSS account with your Console login by completing the steps under [Existing customer with an NSS account](#).

Brand new to NetApp

If you are brand new to NetApp and you don't have an NSS account, follow each step below.

Steps

1. In the upper right of the Console, select the Help icon, and select **Support**.
2. Locate your account ID serial number from the Support Registration page.



3. Navigate to [NetApp's support registration site](#) and select **I am not a registered NetApp Customer**.
4. Fill out the mandatory fields (those with red asterisks).
5. In the **Product Line** field, select **Cloud Manager** and then select your applicable billing provider.
6. Copy your account serial number from step 2 above, complete the security check, and then confirm that you read NetApp's Global Data Privacy Policy.

An email is immediately sent to the mailbox provided to finalize this secure transaction. Be sure to check your spam folders if the validation email doesn't arrive in few minutes.

7. Confirm the action from within the email.

Confirming submits your request to NetApp and recommends that you create a NetApp Support Site account.

8. Create a NetApp Support Site account by completing the [NetApp Support Site User Registration form](#)
 - a. Be sure to select the appropriate User Level, which is typically **NetApp Customer/End User**.
 - b. Be sure to copy the account serial number (960xxxx) used above for the serial number field. This will speed up processing.

After you finish

NetApp should reach out to you during this process. This is a one-time onboarding exercise for new users.

Once you have your NetApp Support Site account, associate the account with your Console login by completing the steps under [Existing customer with an NSS account](#).

Associate NSS credentials for Cloud Volumes ONTAP support

Associating NetApp Support Site credentials with your Console account is required to enable the following key workflows for Cloud Volumes ONTAP:

- Registering pay-as-you-go Cloud Volumes ONTAP systems for support

Providing your NSS account is required to activate support for your system and to gain access to NetApp technical support resources.

- Deploying Cloud Volumes ONTAP when you bring your own license (BYOL)

Providing your NSS account is required so that the Console can upload your license key and to enable the subscription for the term that you purchased. This includes automatic updates for term renewals.

- Upgrading Cloud Volumes ONTAP software to the latest release

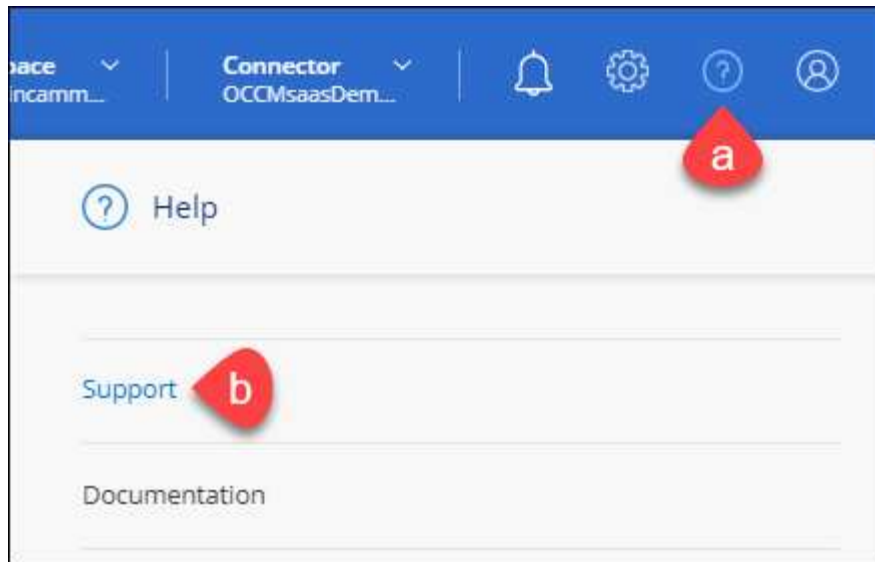
Associating NSS credentials with your NetApp Console account is different than the NSS account that is associated with a Console user login.

These NSS credentials are associated with your specific Console account ID. Users who belong to the Console organization can access these credentials from **Support > NSS Management**.

- If you have a customer-level account, you can add one or more NSS accounts.
- If you have a partner or reseller account, you can add one or more NSS accounts, but they can't be added alongside customer-level accounts.

Steps

1. In the upper right of the Console, select the Help icon, and select **Support**.



2. Select **NSS Management > Add NSS Account**.
3. When you're prompted, select **Continue** to be redirected to a Microsoft login page.

NetApp uses Microsoft Entra ID as the identity provider for authentication services specific to support and licensing.

4. At the login page, provide your NetApp Support Site registered email address and password to perform the authentication process.

These actions enable the Console to use your NSS account for things like license downloads, software upgrade verification, and future support registrations.


Note the following:


- The NSS account must be a customer-level account (not a guest or temp account). You can have multiple customer-level NSS accounts.
- There can be only one NSS account if that account is a partner-level account. If you try to add customer-level NSS accounts and a partner-level account exists, you'll get the following error message:

"The NSS customer type is not allowed for this account as there are already NSS Users of different type."

The same is true if you have pre-existing customer-level NSS accounts and try to add a partner-level account.

- Upon successful login, NetApp will store the NSS user name.

This is a system-generated ID that maps to your email. On the **NSS Management** page, you can display your email from the  menu.

- If you ever need to refresh your login credential tokens, there is also an **Update Credentials** option in the  menu.

Using this option prompts you to log in again. Note that the token for these accounts expire after 90 days. A notification will be posted to alert you of this.

Get help

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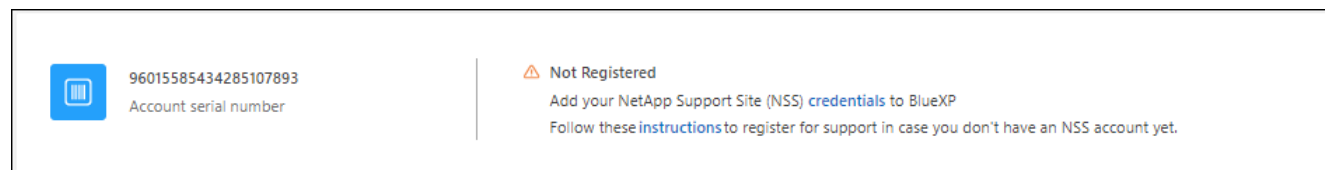
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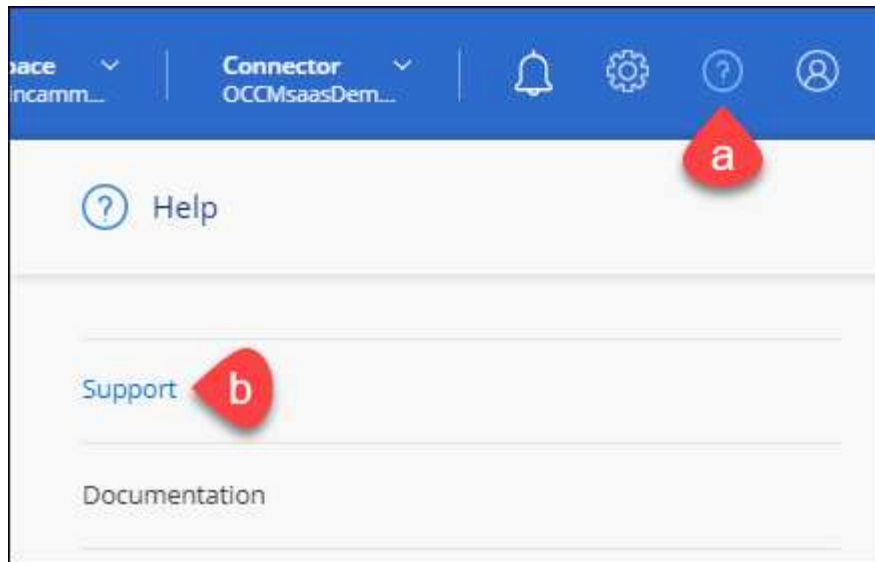
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Note the following:

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"The NSS customer type is not allowed for this account as there are already NSS Users of different type."

The same is true if you have pre-existing customer-level NSS accounts and try to add a partner-level account.

- Upon successful login, NetApp will store the NSS user name.

This is a system-generated ID that maps to your email. On the **NSS Management** page, you can display your email from the **...** menu.

- If you ever need to refresh your login credential tokens, there is also an **Update Credentials** option in the **...** menu.

Using this option prompts you to log in again. Note that the token for these accounts expire after 90 days. A notification will be posted to alert you of this.

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[Notice for NetApp Console](#)

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