



# Perform administrative tasks

## NetApp Keystone

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# Perform administrative tasks

## Manage users

### View a list of users

The Users list displays a list of all the users in the tenancies that the logged-in user has access to. To view the list, select Administration > Users from the menu.

The list displays simple information about each user such as the user name, first and last name, email address, primary tenancy, and date created.

The action icons next to each user allow you to modify or delete the user.

### Add a user

This section describes how to add a user.

#### Before you begin

You need:

- The tenants to which the user should be given access.
- The role that the user is to be granted within each tenancy. A user can have only one role within a tenancy.

#### Steps

1. Select **ADMINISTRATION > Users** from the menu.
2. Click **Create User**.
3. In the Create User dialog box, specify the user name, email address, first name, last name, display name, and password for the user.
4. Select the primary tenant and the role of the user in that tenancy.



You can assign privileges to a user based on their role, such as a NetApp administrator, NetApp administrator with read only privileges, partner administrator, or tenant administrator. Based on your role, you can view the roles of different users within your environment and assign roles to newly created or existing users.

5. To add additional tenancies, click **Add Tenancy** to display new entry fields and select the tenant and the role of the user in that tenancy.
6. Click **Create**.

### Modify user details

Use this method to modify a user's details. You can:

- Modify the user's first name, last name, and display name.
- Add or remove tenancies to which the user has access.
- Modify the role of the user in each tenancy to which the user has access.

## Steps

1. Select **ADMINISTRATION > Users**.
2. Locate the user in the list and click the Edit icon.
3. On the Edit User dialog box, make the changes as required.
4. To change the role of the user in a tenancy, locate the tenancy in the Tenancies list and select the new role.
5. To grant the user access to another tenancy, click **Add Tenancy** and select the Tenant and the Role of the user in that tenancy in the new entry fields.
6. To remove access for the user to a tenancy, locate the tenancy in the Tenancies list and select the Delete icon.
7. Click **Update**.

## Delete a user

Use this method to delete a user.



It is not possible to recover a deleted user.

## Steps

1. Select Administration > Users from the menu.
2. Locate the user in the list and click the Delete icon.
3. In the Confirm Delete dialog box, enter the name of the user to be deleted.
4. Click **Confirm**.

# Managing tenants and subtenants

You can view and manage your tenants and subtenants by using NetApp Service Engine. The initial tenancy is set up by NetApp support for service providers/partners and tenants. The region, zone, and subscription are already configured by support, and are available when you create tenants and subtenants under your tenancy.

## Tenants

If you are a partner admin, you can create, modify, and delete a tenant from **ADMINISTRATION > Tenants**. Tenant admins can only view their respective tenant subscriptions and subtenants. For the tenants under your partner tenancy, you can also define the network.

### Create a tenant

You can create a tenant if you are a partner admin. You can also create and manage networks for each tenant. For more information on creating networks, see [Define network configurations with subnets](#).

## Steps

1. Click **Create Tenant**.
2. Add a name and the code.  
The code that represents the tenant should be unique within a NetApp Service Engine instance and consist of lower-case characters.

3. Click **Create**.



You can only modify the name and description of an existing tenant. Additionally, you cannot delete a tenant that has subtenants or storage components associated with it.

## Subtenants

If you are a Partner admin or a Tenant admin, you can view and manage subtenants.

### Create a subtenant

If you are a Partner admin or a Tenant admin, you can create, modify, and delete a subtenant from **ADMINISTRATION > Subtenants**. You can also create and manage networks for each subtenant.

For more information on creating networks, see [Define network configurations with subnets](#).

### Steps

1. Click **Create Subtenant**.
2. Add a name and the code.  
The code that represents the subtenant should be unique within a NetApp Service Engine instance and consist of lower-case characters.
3. Click **Create**.



You can only modify the name of an existing subtenant. Additionally, you cannot delete a subtenant that has storage components associated with it.

## Create and manage alerts

Alerts are messages that are either triggered automatically or created manually to share information about critical events within your environment.

When you provision storage, automatic alerts are triggered in the following scenarios:

- The new disk or file share pushes the subscription into burst
- The new disk or file share is provisioned on a new subscription
- The consumed capacity within the subscription has crossed the threshold capacity, or is close to the committed capacity

The **Alerts** screen enables you to view the system-generated and user-generated alerts in your environment.

You can also create custom alerts and display them to other users. They can view and dismiss the alerts for themselves and other users within their tenancy, as required.

### Create an alert in your multitenant environment

If you are a partner admin, you can manually create and send alerts to a single tenant or all the tenants in your environment.



You can dismiss an alert that you created. However, it is dismissed only for tenants who have not viewed it yet.

### Steps

1. Select **ADMINISTRATION > Alerts** from the menu.
2. Click **Create alert**.
3. On **Create alert** screen, select the status and the tenant that you want to send the alert to, and add the message.



If you want to send the alert to all the tenants in your environment, select "All".

4. Click **Create**.  
The new alert is created.

## Create an alert in your tenancy

If you are a tenant admin, you can manually create and send alerts to all the users in your environment.



You can dismiss an alert that you created. However, it is dismissed only for users who have not viewed it yet.

### Steps

1. Select **ADMINISTRATION > Alerts** from the menu.
2. Click **Create alert**.
3. On **Create alert** screen, select the status and add the message.
4. Click **Create**.  
The new alert is created.

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