



Set up your Console organization

NetApp Console setup and administration

NetApp

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Set up your Console organization

Add folders and projects to your NetApp Console organization

Add folders and projects to match your business structure. After you create folders and projects, you can associate resources with them and manage member access to those projects.

The Console automatically creates one project for you when you create a new organization. Most organizations have the need for more than one project, as well as folders to keep things organized. [Learn about the resource hierarchy in NetApp Console.](#)

Using folders and projects to organize resources

In NetApp Console, an organization contains folders and projects that help you organize your resources. Folders help you group related projects, and projects help you manage resources and member access.

Folders

Folders help you organize related projects. You can create nested folders to represent different levels of your organization's structure. For example, you might create a top-level folder for each business unit and then create subfolders for different teams within that business unit. You then create projects within folders.

Folders also enable you to manage member access more efficiently using role inheritance. When you assign roles to members at the folder level, they inherit permissions for all child projects and folders.



Folders are an organizational tool and not visible to members who do not have IAM permissions such as the Org admin, Folder or project admin, or Super admin roles. Members access projects, not folders.

Org admins can delegate administrative responsibilities by creating folders. After creating a folder, an Org admin can assign a member the Folder or project admin roles for particular folders. These members can then manage all projects within that folder without having access to the entire organization.

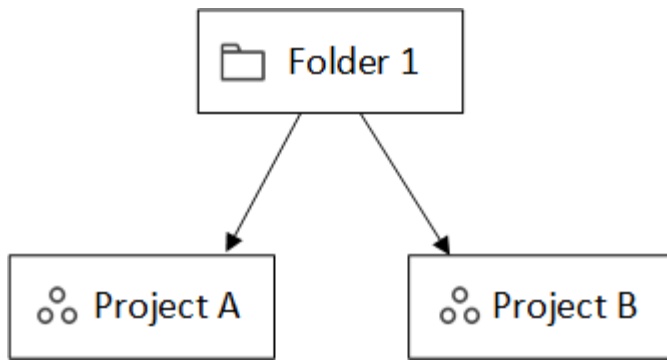
Folders can have other folders or projects as children, but they cannot have resources directly associated with them. Resources must be associated with a project.

When to associate a resource with a folder

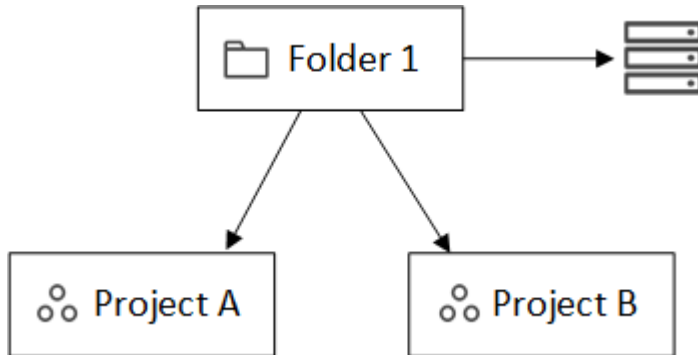
An *Organization administrator* can associate a resource with a folder so a *Folder or project administrator* can link it to the appropriate projects in the folder.

For example, let's say you have a folder that contains two projects:



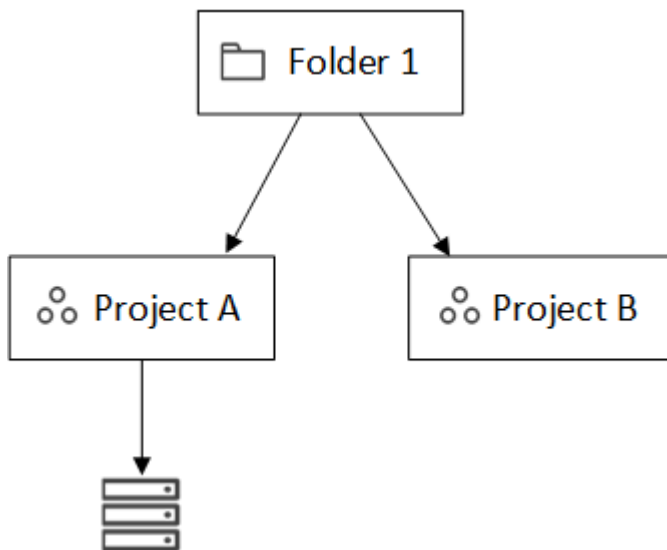


The *Organization admin* can associate a resource with the folder:



Associating a resource with a folder does not make it accessible to all projects; only the *folder or project admin* can see it. The *Folder or project admin* decides which projects can access it and associates the resource with the appropriate projects.

In this example, the admin associates the resource with Project A:



Members who have permissions for project A can now access the resource.

Projects

Associate resources with projects to allow members to manage them. Resources must be associated with a project for management and user access.

An organization can have one or many projects. A project can be directly under the organization or inside a folder. If an agent is used to discover resources within a project, you must also associate the agent with that project.

Users navigate between assigned projects on the **Systems** page to manage the resources associated with each project.

Add a folder or project

Add projects to manage resources and folders to group related projects. When you create a new organization, the Console includes one project.

You can create up to seven levels of folders and projects in your organization's resource structure. Create nested folders to organize your resources as needed.

Steps

1. Select **Administration > Identity and access**.
2. Select **Organization**.
3. From the **Organization** page, select **Add folder or project**.
4. Select **Folder** or **Project**.
5. Enter folder or project details:
 - **Name and location:** Enter a name and choose a location for the folder or project. You can place folders or projects under the organization or inside another folder.
 - **Resources:** Select the resources that you want to associate with this folder or project. If you haven't added storage systems to the Console yet, you can do this step later.



Members can't access resources in a folder until those resources are assigned to a project. Use folders to hold resources temporarily until you create the necessary projects. This can help the Organization admin delegate resource allocation to a Folder or project admin, who then assigns resources to projects within the folder.

- **Access:** Select **Add a member** to assign access and a role. You can add or remove members from the project or folder at any time.

[Learn about access roles.](#)

6. Select **Add**.

Rename a folder or project

Rename a folder or project as needed. Renaming does not affect associated resources or member access.

Steps

1. From the **Organization** page, navigate to a project or folder in the table, select **...** and then select **Edit folder** or **Edit project**.
2. On the **Edit** page, enter a new name and select **Apply**.

Delete a folder or project

Delete folders and projects you no longer need, such as after team restructuring or project completion.

Before you delete a folder or project, make sure it does not contain any resources. [Learn how to remove resources.](#)

Steps

1. From the **Organization** page, navigate to a project or folder in the table, select **...** and then select **Delete**.
2. Confirm that you want to delete the folder or project.

View the resources associated with a folder or project

View which resources and members are associated with a folder or project.

Steps

1. From the **Organization** page, navigate to a project or folder in the table, select **...** and then select **Edit folder** or **Edit project**.



2. On the **Edit** page, you can view details about the selected folder or project by expanding the **Resources** or **Access** sections.
 - Select **Resources** to view the associated resources. In the table, the **Status** column identifies the resources that are associated with the folder or project.

Available resources (45)				
<input type="checkbox"/>	Platform Type	Resource Type	Resource Name	Status
<input type="checkbox"/>	AWS	Cloud Volumes ONTAP HA	Keystonecvo2	Associated
<input type="checkbox"/>	AWS	Cloud Volumes ONTAP HA	kfuKeystone1vadim	Associated
<input type="checkbox"/>	AWS	Cloud Volumes ONTAP	cvo1Vadim	Associated
<input type="checkbox"/>	AWS	Cloud Volumes ONTAP HA	cvoparts11test	Associated

Change the resources associated with a folder or project

You can change the resources associated with a folder or project as your organization's needs change.

Steps

1. From the **Organization** page, navigate to a project or folder in the table, select **...** and then select **Edit folder** or **Edit project**.
2. On the **Edit** page, select **Resources**.

In the table, the **Status** column identifies the resources that are associated with the folder or project.

3. Select the resources that you'd like to associate or disassociate.
4. Based on the resources that you selected, select either **Associate with the project** or **Disassociate from the project**.








Available resources (45) | Selected (3)

Actions:

Associate with the project

|

Disassociate from the project

<input type="checkbox"/>	Platform Type	Resource Type	Resource Name	Status
<input checked="" type="checkbox"/>	 Cloud Volumes ONTAP HA	Keystonecvo2	Associated	
<input checked="" type="checkbox"/>	 Cloud Volumes ONTAP HA	kfuKeystone1vadim	Associated	
<input checked="" type="checkbox"/>	 Cloud Volumes ONTAP	cvo1Vadim	Associated	
<input type="checkbox"/>	 Cloud Volumes ONTAP HA	cvoparts11test	Associated	
<input type="checkbox"/>	 Cloud Volumes ONTAP	cvosecondaryparts11	Associated	
<input type="checkbox"/>	 Cloud Volumes ONTAP HA	keystonetest	Associated	
<input type="checkbox"/>	 Cloud Volumes ONTAP HA	keystonetesting55	Associated	

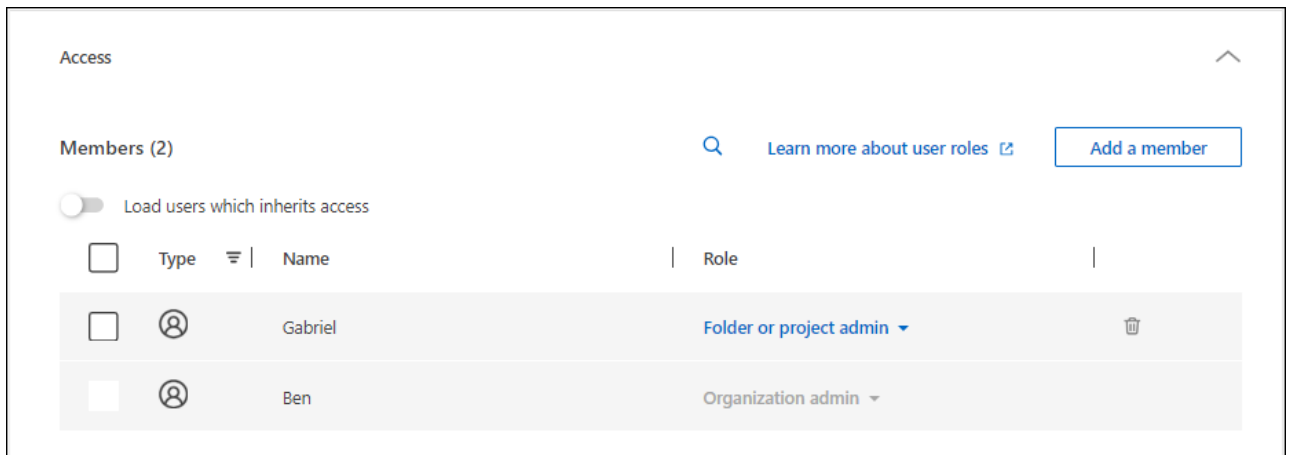
5. Select **Apply**.

View members associated with a folder or project

You can view the members associated with a folder or project from the **Organization** page.

Steps

1. From the **Organization** page, navigate to a project or folder in the table, select **...** and then select **Edit folder** or **Edit project**.
2. On the **Edit** page, select **Access** to view the list of members who have access to the selected folder or project.
 - Select **Access** to view the members who have access to the folder or project.



Modify member access to a folder or project

Modify member access to control resource access. Remember that roles assigned at the folder level are inherited by all child projects and folders.

You cannot change member access at lower levels if it is inherited from the folder or organization level. Change the member's permission at the higher hierarchy level to change access. Alternatively, you can [manage permissions from the Members page](#).

Steps

1. From the **Organization** page, navigate to a project or folder in the table, select **...** and then select **Edit folder** or **Edit project**.
2. On the **Edit** page, select **Access** to view the list of members who have access to the selected folder or project.
3. Modify member access:
 - **Add a member:** Select the member that you'd like to add to the folder or project and assign them a role.
 - **Change a member's role:** For any members with a role other than Organization Admin, select their existing role and then choose a new role.
 - **Remove member access:** For members who have a role defined at the folder or project for which you're viewing, you can remove their access.
4. Select **Apply**.

Related information

- [Learn about identity and access in NetApp Console](#)
- [Get started with identity and access](#)
- [Learn about the identity and access API](#)

Add resources to folders and projects in NetApp Console

Control user access to resources by adding them to projects and folders in your NetApp Console organization. Grant access to users at the project level.

A *resource* is an entity that the Console is aware of, such as a storage resource, a Console agent, or a Backup and Recovery workload.

You can view and manage resources from the **Resources** page in the Console.

Console resource types

You can associate several types of resources to projects in your NetApp Console organization:

Storage resources

Storage resources are the most common type of resource in your organization and represent both on-premises and cloud storage systems. When you add a storage system to the Console, you can add it to a folder or project. Until then, the Console marks it as undiscovered and does not display it on the **Resources** page.

Console agents

If you used a Console agent to discover storage systems, add the agent to the same folder or project. This allows users to perform agent-enabled functions, such as data services or Console-native storage management. You can add agents to folders or projects from the **Agents** page in the Console. [Learn how to associate a Console agent with a folder or project.](#)

Keystone subscriptions

If you have Keystone subscriptions in your organization, you can view them on the **Resources** page. You can associate Keystone subscriptions with folders or projects to provide access to members who have permissions for those folders or projects.

View the resources in your organization

You can view both discovered and undiscovered resources associated with your organization. The system finds storage resources and marks them as undiscovered until you add them to the Console.



The Console excludes Amazon FSx for NetApp ONTAP resources from the Resources page because users cannot associate them with a role. You can view these resources on the **Systems** page or from Workloads.

Steps

1. Select **Administration > Identity and access**.
2. Select **Resources**.
3. Select **Advanced Search & Filtering**.
4. Use the available options to find a resource:
 - **Search by resource name:** Enter a text string and select **Add**.
 - **Platform:** Select one or more platforms, such as Amazon Web Services.
 - **Resources:** Select one or more resources, such as Cloud Volumes ONTAP.
 - **Organization, folder, or project:** Select the entire organization, a specific folder, or a specific project.
5. Select **Search**.

Associate a resource with folders and projects

Associate a resource to a folder or project to make it available to members who have permissions for that

folder or project.

Steps

1. From the **Resources** page, navigate to a resource in the table, select **...** and then select **Associate to folders or projects**.
2. Select a folder or project and then select **Accept**.
3. To associate an additional folder or project, select **Add folder or project** and then select the folder or project.

Note that you can only select from the folders and projects for which you have admin permissions.

4. Select **Associate resources**.
 - If you associated the resource with projects, members who have permissions for those projects now have the ability to access the resource from the Console.
 - If you associated the resource with a folder, a *Folder or project admin* can now access the resource and associate it with a project within the folder. [Learn about associating a resource with a folder](#).

After you finish

If you discover a resource using a Console agent, associate the Console agent with the project to grant access. Otherwise, the Console agent and its associated resource are not accessible by members without the *Organization admin* role.

[Learn how to associate a Console agent with a folder or project](#).

View the folders and projects associated with a resource

You can view the folders and projects that are associated with a particular resource.



If you need to find out which organization members have access to the resource, you can [view the members who have access to the folders and projects that are associated with the resource](#).

Steps

1. From the **Resources** page, navigate to a resource in the table, select **...** and then select **View details**.

The following example shows a resource that is associated with one project.

Folders (0) | Project (1)

Associate to folder or project

Type	Associated folders or projects
	MyOrganization
	MyOrganization > Project1



To see which organization members have access to the resource, [view members with access to associated folders and projects](#).


Remove a resource from a folder or project

To remove a resource from a folder or project, remove its association. This prevents members from managing the resource in that folder or project.



To remove a discovered resource from the entire organization, go to the **Systems** page and remove the system.

Steps

1. From the **Resources** page, navigate to a resource in the table, select **...** and then select **View details**.
2. To remove a resource from a folder or project, select  next to the folder or project.
3. Select **Delete** to remove the association.

Related information

- [Learn about identity and access in NetApp Console](#)
- [Get started with identity and access in NetApp Console](#)
- [Learn about the API for identity and access](#)

Associate a Console agent with other folders and projects

Associate Console agents with specific projects to enable resource management and data service access. Resources discovered through a Console agent require both the resource and agent to be associated with the same respective projects for team access.

Super admins and Org admins can create agents and associate any agent with any project or folder. Folder or project admins can only associate existing agents with folders and projects that they have permissions for. [Learn more about the actions that a Folder or project admin can complete.](#)

Steps

1. Select **Administration > Identity and access > Agents**.
2. From the table, find the Console agent that you want to associate.

Use the search above the table to find a specific Console agent or filter the table by resource hierarchy.

3. To view the folders and projects linked to the Console agent, select **...** and then select **View details**.

The page displays details about the folders and projects that are associated with the Console agent.

4. Select **Associate to folder or project**.
5. Select a folder or project and then select **Accept**.
6. To associate the Console agent with an additional folder or project, select **Add a folder or project** and then select the folder or project.
7. Select **Associate Agent**.

After you finish

Associate the Console agent's resources with the same folders and projects from the **Resources** page.

[Learn how to associate a resource with folders and projects.](#)

Related information

- [Learn about NetApp Console agents](#)
- [Learn about NetApp Console identity and access management](#)
- [Get started with identity and access](#)
- [Learn about the API for identity and access management](#)

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