

## Organizations

# Getting Started

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## Vulnerability

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<https://securitybulletin.huawei.com/enterprise/en/security-advisory>

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# Contents

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<b>1 Overview.....</b>	<b>1</b>
<b>2 Flowchart.....</b>	<b>3</b>
<b>3 Preparations.....</b>	<b>4</b>
<b>4 Procedure.....</b>	<b>5</b>
<b>5 Change History.....</b>	<b>13</b>

# 1 Overview

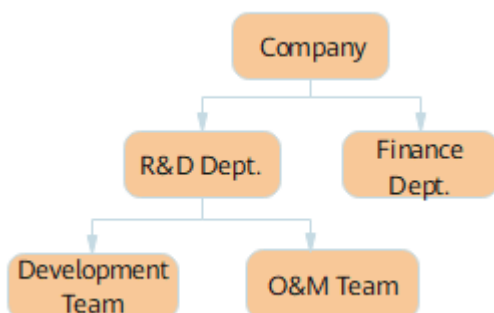
With Organizations, you can manage multiple accounts and their permissions in your organization and organizational units (OUs). This section helps you understand:

- Why do I need to create an organization?
- How do I consolidate multiple accounts into an organization?
- How do I control permissions of member accounts in my organization?

## Example Scenario

Suppose a company has two departments to manage: R&D and Finance. The R&D department has two teams: Development Team and O&M Team. [Figure 1-1](#) shows the company's organizational structure.

**Figure 1-1** Company's organizational structure



The company, the finance dept, development team, and the O&M team each have an account, as shown in [Table 1-1](#).

**Table 1-1** Account details

Entity	Account Name
Company	Company A

Entity	Account Name
Finance Dept.	Account x
Development Team	Account y
O&M Team	Account z

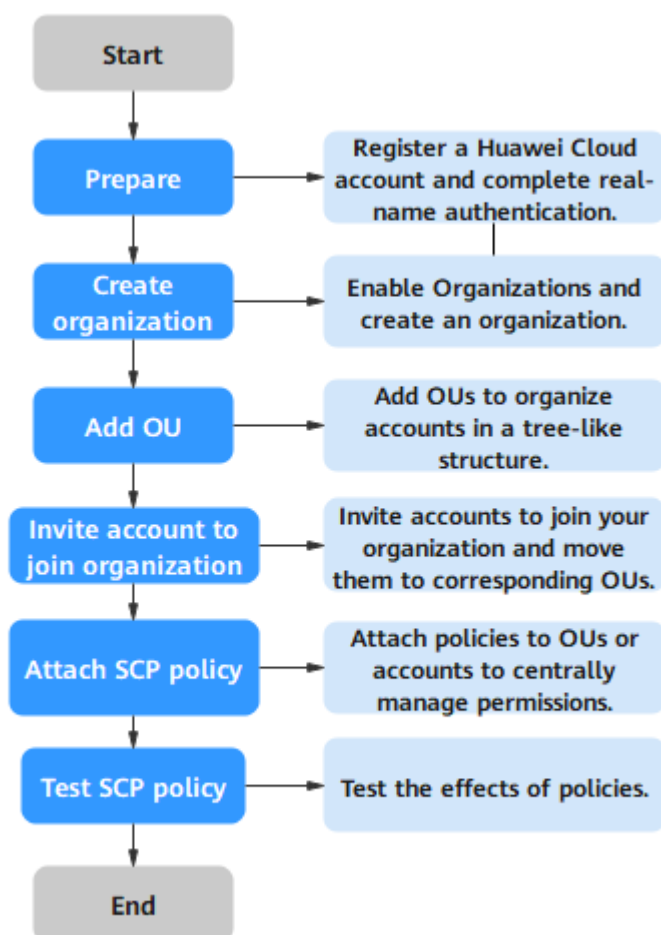
The company intends to use Company A as the management account to:

- Group accounts into OUs based on the company structure for centralized management.
- Attach different policies to OUs for permissions management. For example, they can grant permissions only to employees in the R&D dept., allowing them to add or delete assignments by using Config.

# 2 Flowchart

Figure 2-1 shows the flowchart for using Organizations.

Figure 2-1 Flowchart of using Organizations



# 3 Preparations

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Before using Organizations, you need to prepare as described in the following sections:

- [Signing up for a HUAWEI ID and Completing Real-name Authentication](#)
- [Enabling Enterprise Center and Becoming a Master Account](#)

## Signing up for a HUAWEI ID and Completing Real-name Authentication

If you already have a HUAWEI ID, you can skip this part. If you do not have a HUAWEI ID:

1. Visit [the Huawei Cloud official website](#), and click **Sign Up**.
2. On the displayed page, create an account. For details, see [Registering with Huawei Cloud](#).

After you have successfully registered, the system automatically redirects you to your personal information page.

3. Complete real-name authentication by following the instructions in [Enterprise Real-Name Authentication](#).

### NOTE

Organizations is a free service. You do not need to top up your account.

## Enabling Enterprise Center and Becoming a Master Account

If you want to create an organization as the management account and invite other accounts to join the organization, make the following preparations:

- Step 1** Go to the Enterprise Center console.
- Step 2** Click **Enable for Free**. The **Enable Enterprise Center** page is displayed.
- Step 3** Select **I have read and agree to the HUAWEI CLOUD Enterprise Management Service Agreement** and click **Enable for Free**. You will become an enterprise master account. For details, see [Enabling Enterprise Center](#).

----End



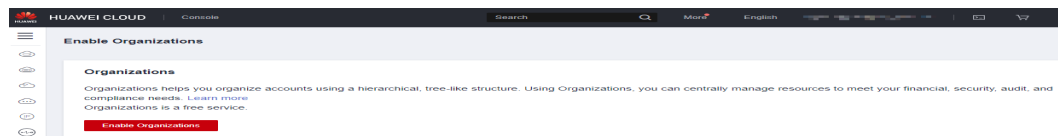
# 4 Procedure

In this tutorial, you will learn how to use Organizations to centrally manage accounts.

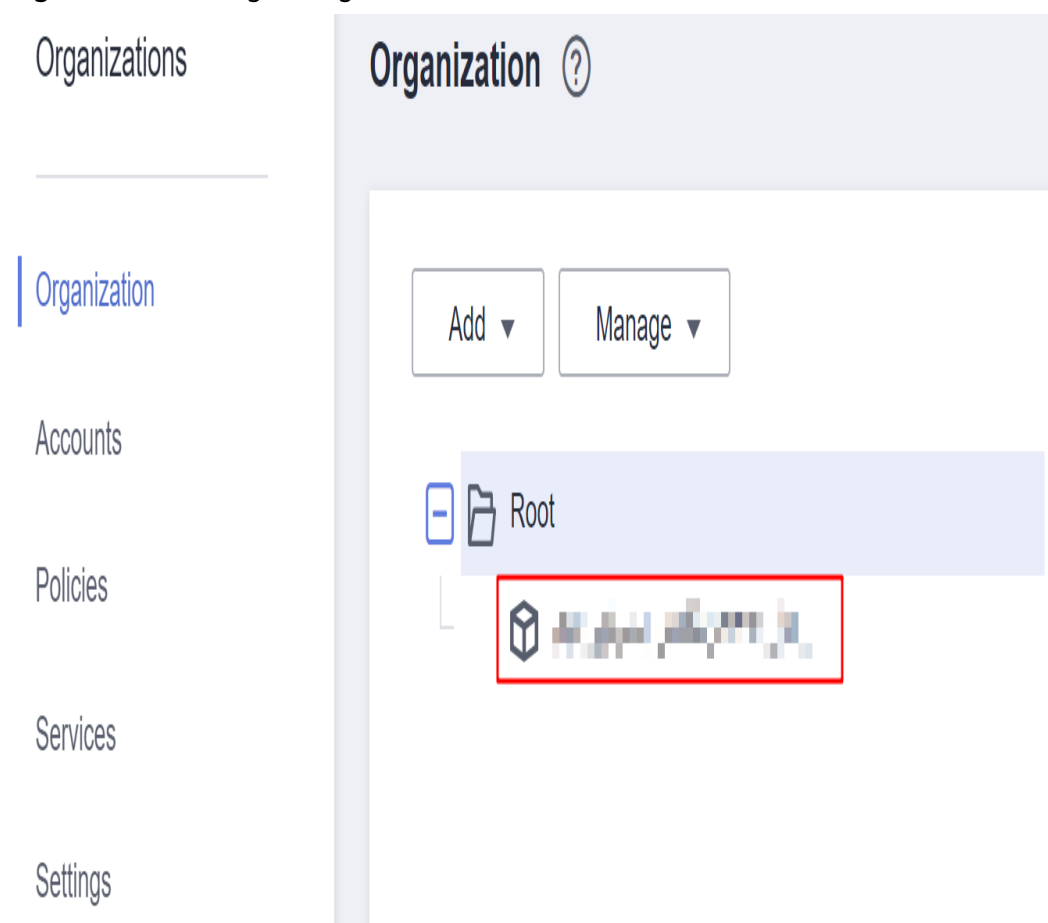
## Creating an Organization

- Step 1** Log in to Huawei Cloud using the management account **Company A**.
- Step 2** Click ☰ and choose **Management & Governance > Organizations**.
- Step 3** Click **Enable Organizations**.

**Figure 4-1** Enabling Organizations



When Organizations is enabled, your organization as well as a root OU is automatically created, and your login account **Company A** is designated as the management account.

**Figure 4-2** Creating an organization

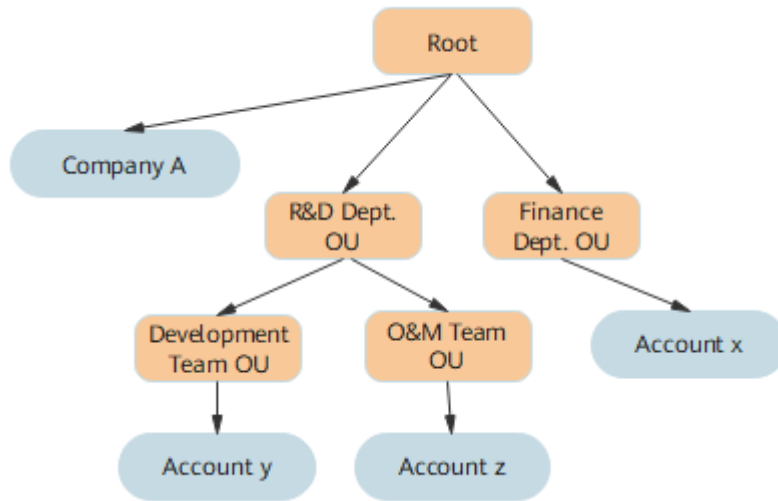
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## Adding an OU

You can use OUs to group accounts by different characteristics (such as the service scope, account owner, or application environment) to administer as a single unit. This greatly simplifies account management.

In this example, the company uses Organizations to organize the OUs and accounts in a hierarchical, tree-like structure. At the top of the tree is the root OU. The R&D dept. and finance dept. are child OUs reaching down like branches. There are development OU and O&M OU nested under the R&D dept. At the ends of the branches are the accounts, the leaves of the tree: **Company A** is the management account, and **Account y**, **Account z**, and **Account x** are member accounts. The organizational structure is shown in [Figure 4-3](#).

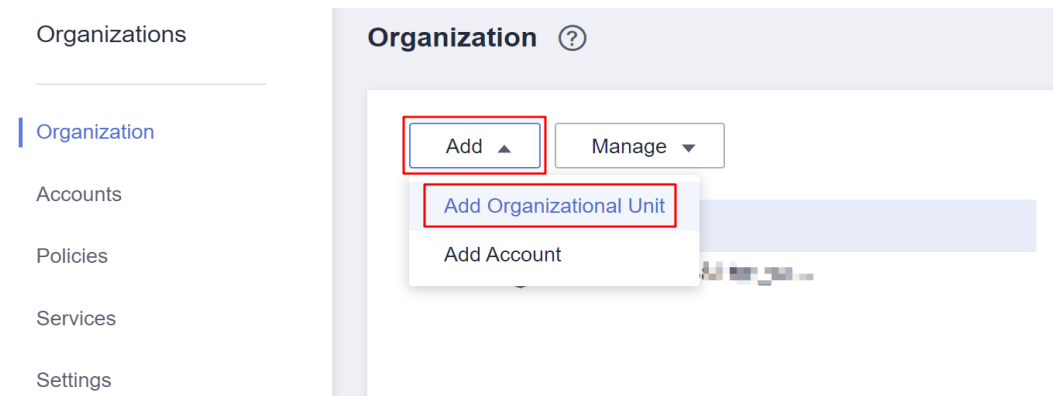
**Figure 4-3** Organizational structure



To add an OU:

- Step 1** Log in to Huawei Cloud using the management account **Company A** and navigate to the Organizations console.
- Step 2** Access the **Organization** page, select the root OU, and choose **Add > Add Organizational Unit**.

**Figure 4-4** Adding an OU



- Step 3** Enter the OU name (**R&D Dept.** in this example) and click **OK** in the displayed dialog box. Use the same method to create the **Finance Dept.** OU.

**Figure 4-5** Specifying OU information

**Add Organizational Unit** [Close]

**i** The organizational unit will be added to "Root".

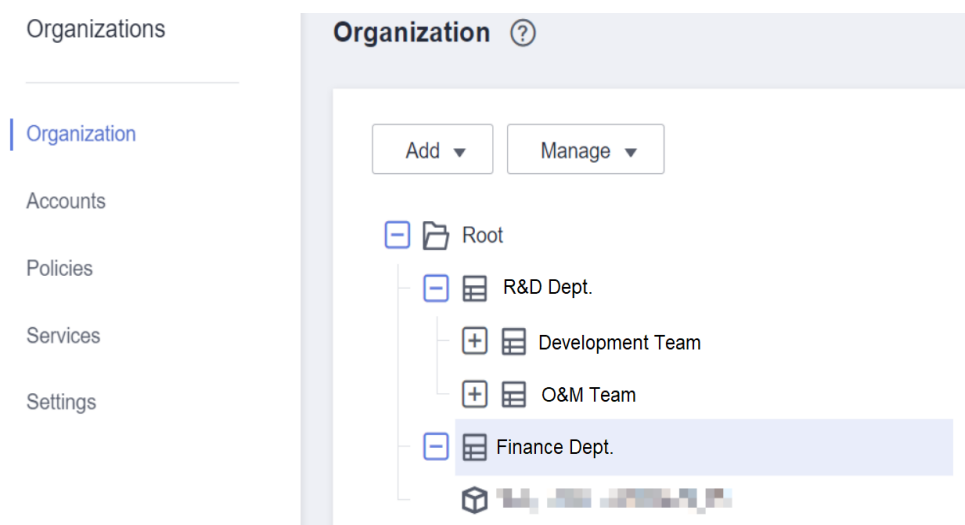
Name

Tags It is recommended that you use TMS's predefined tag function to add the same tag to different cloud resources. [View predefined tags](#) C  
To add a tag, enter a tag key and a tag value below.

20 tags available for addition.

**Step 4** Select the **R&D Dept.** OU and add the **Development Team** OU and **O&M Team** OU in the same manner. The following figure shows the organizational structure.

**Figure 4-6** Organizational structure



----End

## Inviting an Account to Join Your Organization

After you create an organization and set up the organizational structure, you can invite other accounts to join your organization.

**NOTE**

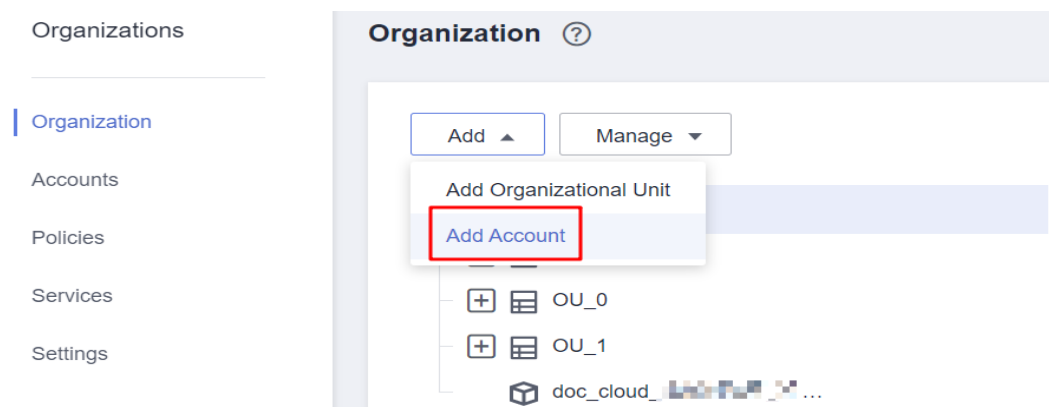
The accounts you invite to join your organization must have completed real-name authentication. For details, see [Real-Name Authentication](#).

The original accounting relationship (master-member association) of invited accounts will remain unchanged. If you want to change the relationship, refer to the documentation of [Enterprise Center](#).

**Step 1** Log in to Huawei Cloud using the management account **Company A** and navigate to the Organizations console.

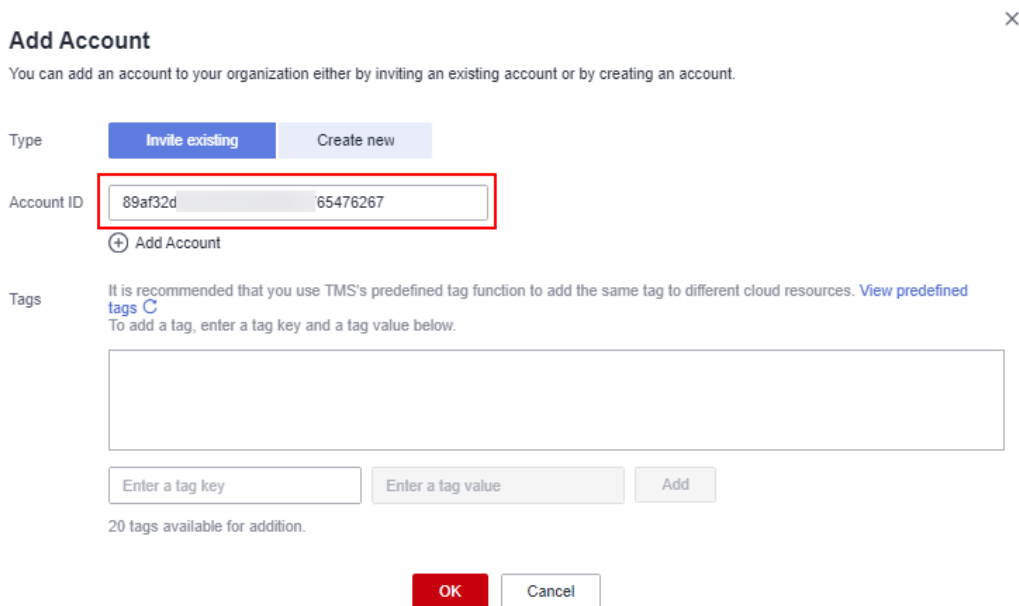
**Step 2** On the **Organization** page, choose **Add > Add Account**.

**Figure 4-7** Adding an account



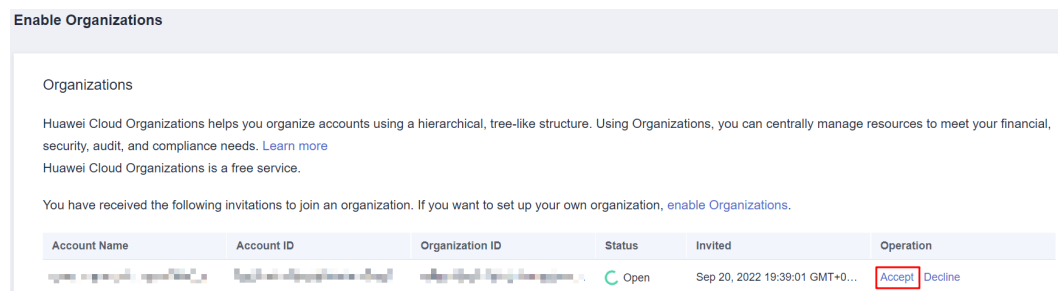
**Step 3** Enter the ID of Development Team account **Account y** in the displayed dialog box. For details about how to obtain an account ID, see [Obtaining Account ID](#). Click **OK** to send an invitation to **Account y**.

**Figure 4-8** Inviting an account



**Step 4** Log in to **Account y**, access the Organizations console and click **Accept** to accept the invitation.

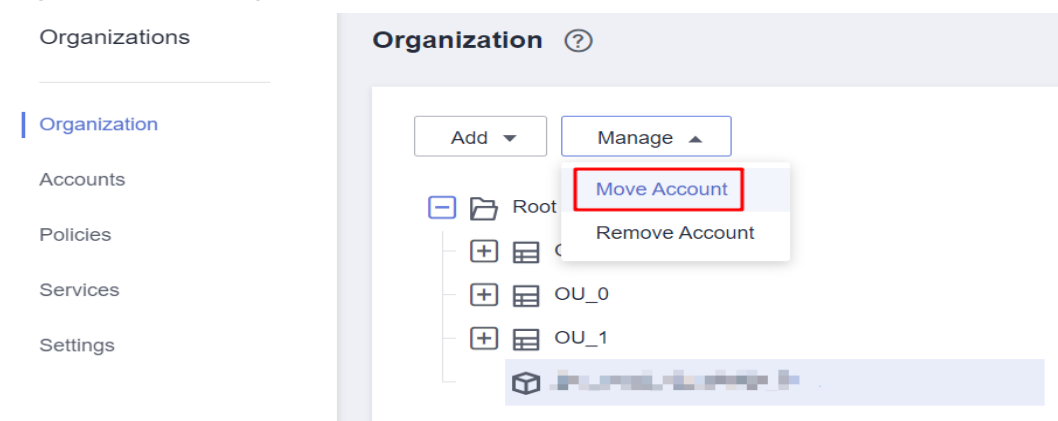
**Figure 4-9** Accepting an invitation



**Step 5** Log in as the management account **Company A** and navigate to the Organizations console. Then, access the **Organization** page and select the invited account.

**Step 6** Choose **Manage > Move Account**.

**Figure 4-10** Moving an account



**Step 7** Select the OU (**Development Team** in this example) you want to hold the invited account. Click **OK**.

**Step 8** Use the same method to invite **Account x** of the finance department and **Account z** of the O&M team to join the organization.

----End

## Attaching an SCP to an OU

You can attach SCPs to OUs to centrally manage permissions for all accounts in your organization. For services available for using SCPs, see [Cloud Services for Using SCPs](#).

**Step 1** Use a system-defined policy or create a custom policy.

Choose from SCP [system-defined policies](#) or [create a custom policy](#) (in this example) by referring to [policy syntax](#).

In this example, use the following syntax to create a custom policy that denies finance department permission to modify or delete assignments through RMS:

```
{
  "Version": "5.0",
  "Statement": [
```

```
{
  "Effect": "Deny",
  "Action": [
    "rms:policyAssignments:update",
    "rms:policyAssignments:delete"
  ],
  "Resource": [
    "*"
  ]
}
```

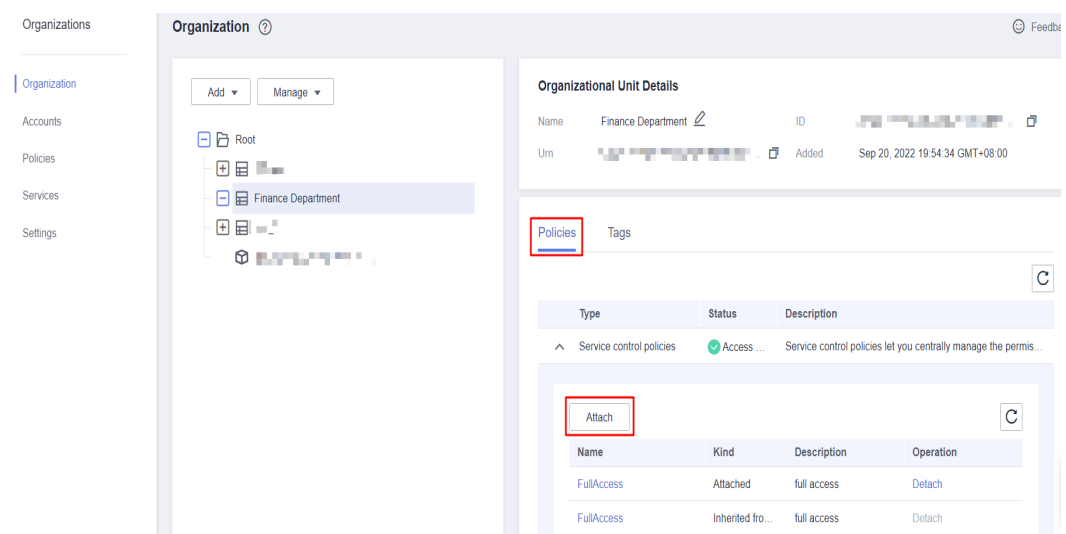
**Step 2** Log in to Huawei Cloud using the management account **Company A** and navigate to the **Organizations** console.

**Step 3** Select the **Finance Dept.** OU in the organizational structure. In this example, the finance department will be prohibited from modifying or deleting compliance rules.

**Step 4** Click **Policies** on the **Organizational Unit Details** page.

**Step 5** Click  in front of **Service Control Policies** and click **Attach**.

**Figure 4-11** Attaching a policy



**Step 6** Select the policy created in **Step 1** and click **Attach** in the displayed dialog box. Then this policy will be displayed in the list of policies attached to the finance department.

----End

## Testing SCP Effects

To test the effects of an SCP, perform the following steps:

**Step 1** Log in to Huawei Cloud using the finance department account **Account x** and access the Config console.

**Step 2** Attempt to modify or delete compliance rules. If an error message is displayed, the SCP has been applied.

----End



# 5 Change History

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Released On	Description
2024-03-14	This issue is the second official release. It incorporates the following changes: Organizations is put into commercial use.
2023-01-16	This issue is the first official release.