

Organizations

Getting Started

Issue 01
Date 2024-07-22



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1 Overview

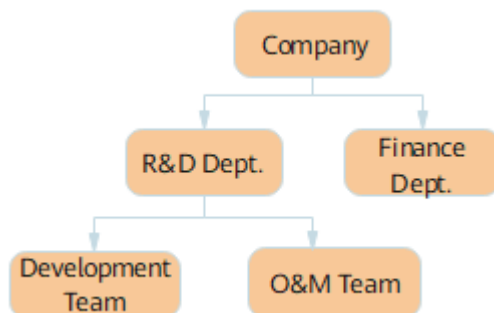
With Organizations, you can manage multiple accounts and their permissions in your organization and organizational units (OUs). This section helps you understand:

- 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

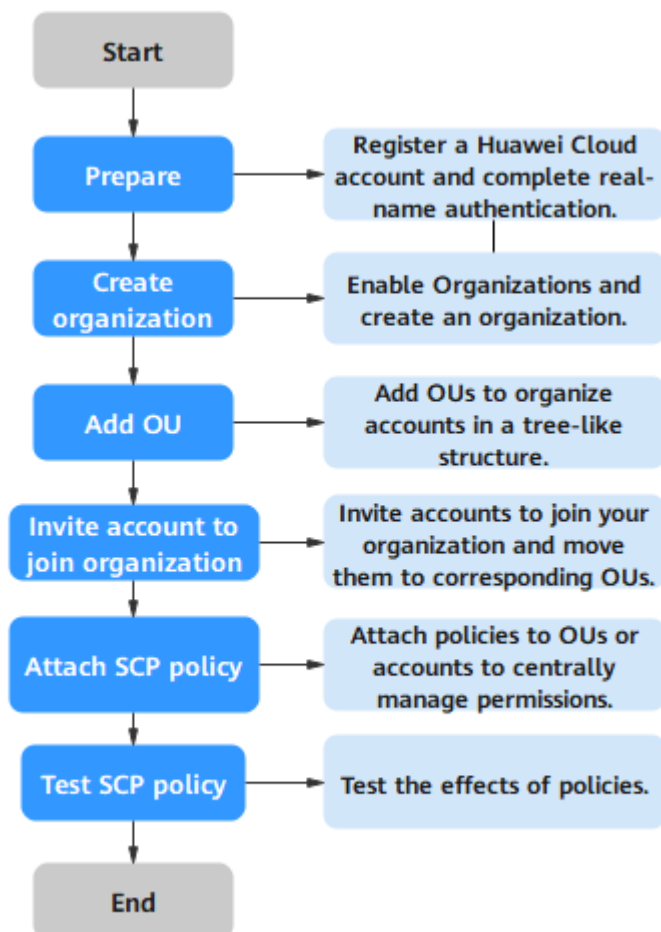
The company intends to use Company A as the management account to:

- 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 for using Organizations



3 Preparations

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, as illustrated in the flowchart in [Flowchart](#).

This section includes the following content:

- [Creating an Organization](#)
- [Adding an OU](#)
- [Inviting an Account to Join Your Organization](#)
- [Attaching an SCP to an OU](#)
- [Testing SCP Effects](#)

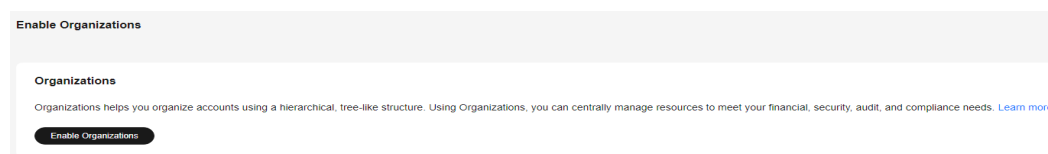
Creating an Organization

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



After 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.

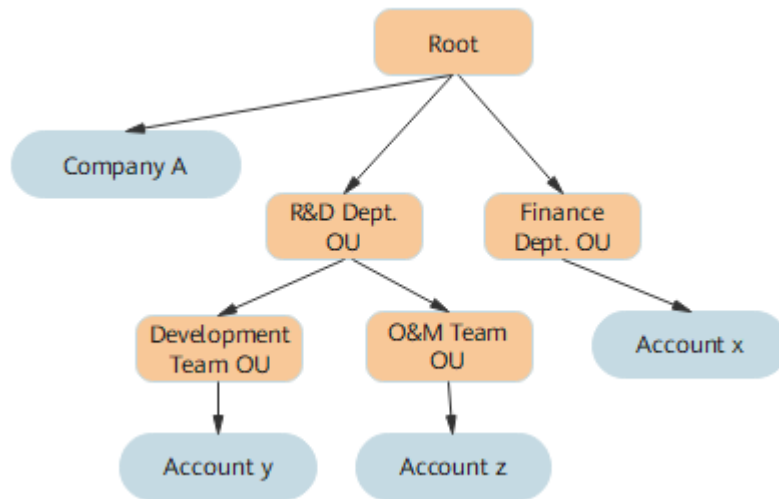
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Adding an OU

You can use OUs to group accounts by a specific dimension, for example, by 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 4-2](#).

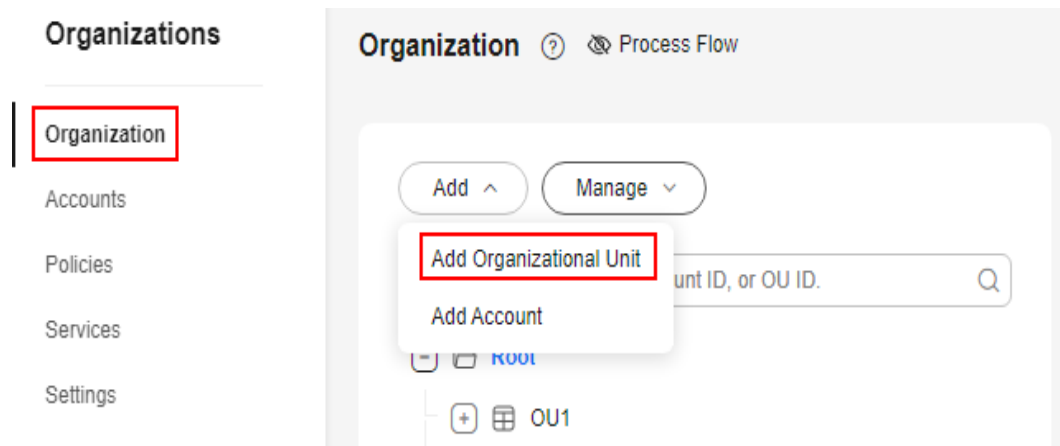
Figure 4-2 Organizational structure



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 parent OU (root OU in this example), and choose **Add > Add Organizational Unit**.

Figure 4-3 Adding an OU



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

Figure 4-4 Adding an OU

Add Organizational Unit ×

i The organizational unit will be added to "Research and Development Dept".

* Name

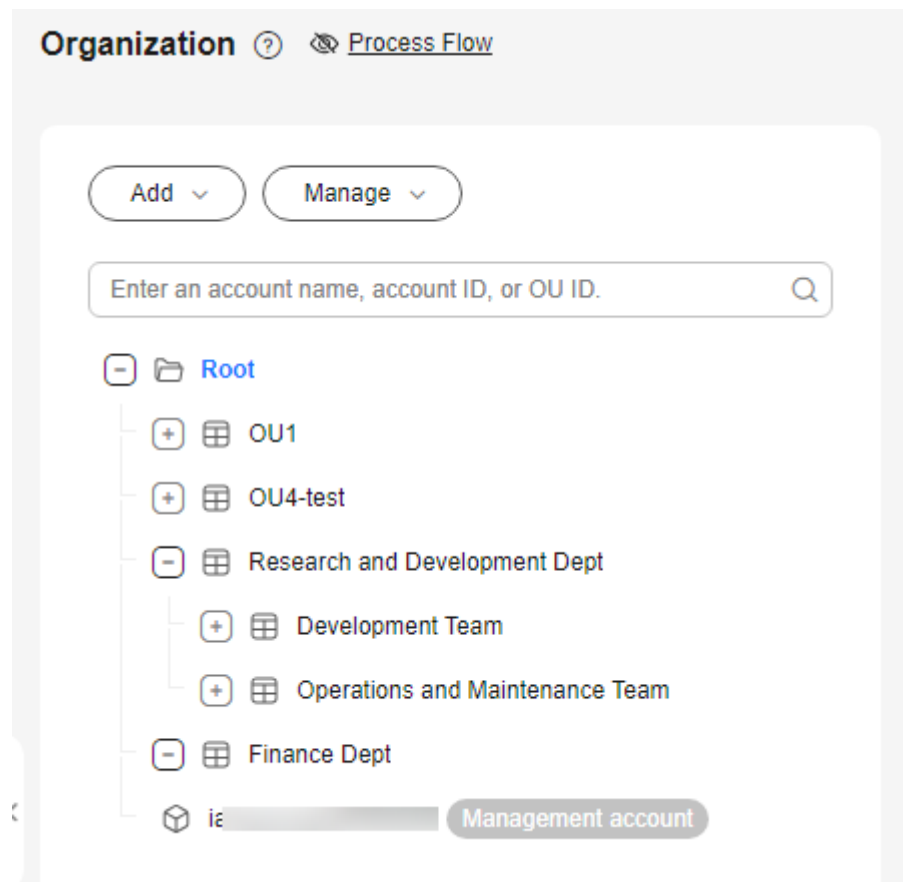
Tags It is recommended that you use TMS's predefined tag function to add the same tag to different cloud resources. [View predefined tags](#)

To add a tag, enter a tag key and a tag value below.

Tags you can still add: 20

Step 4 Select the **Research and Development Dept** OU and add the **Development Team** OU and **Operations and Maintenance Team** OU in the same manner. The following figure shows the organizational structure.

Figure 4-5 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

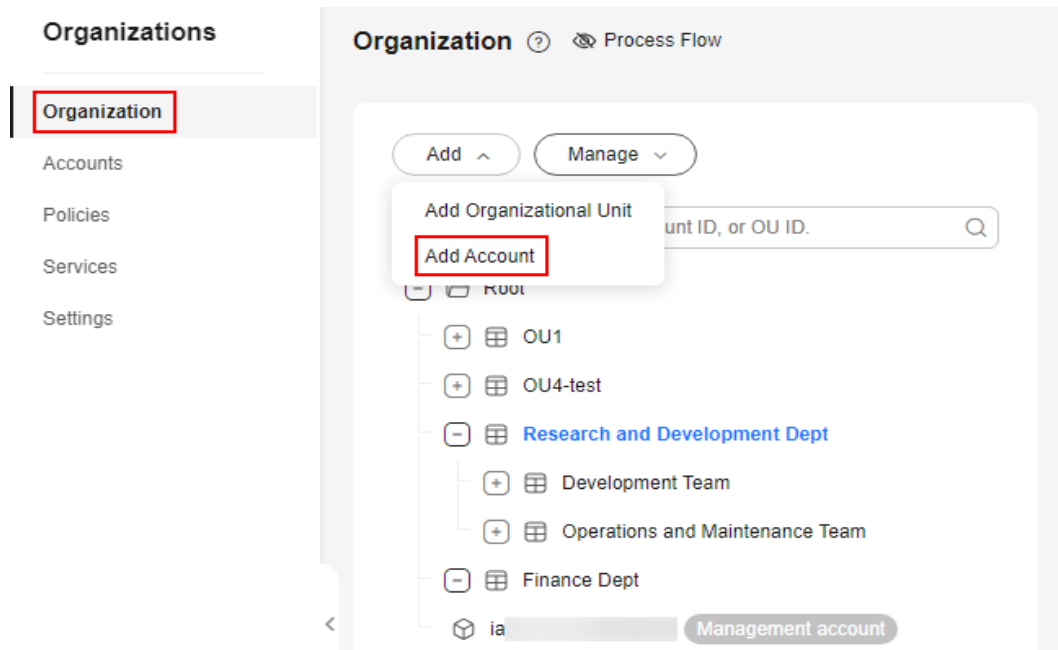
The accounts you invite to join your organization must have completed real-name authentication. For details, see [Real-Name Authentication](#).

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.

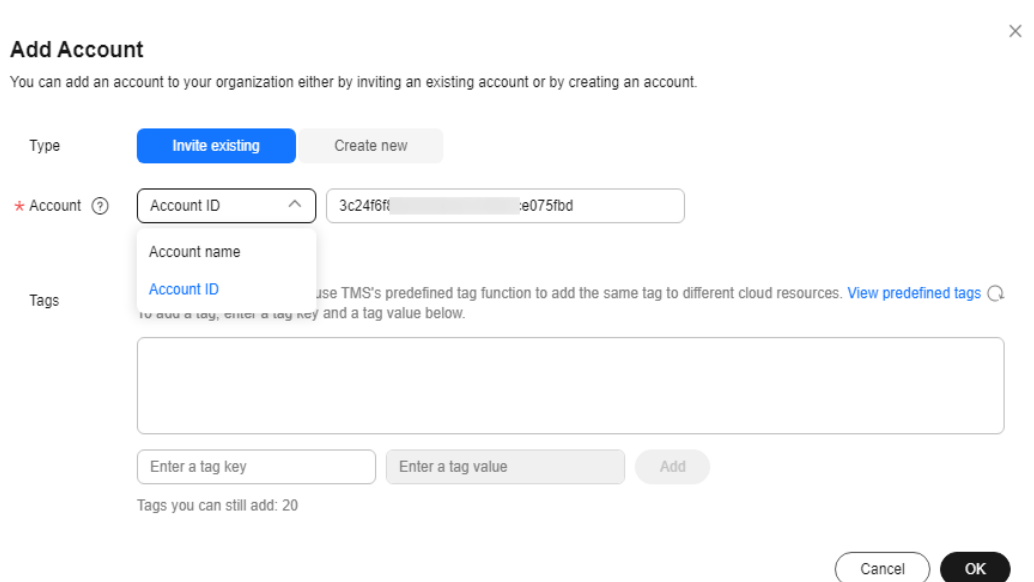
Step 2 On the **Organization** page, choose **Add > Add Account**.

Figure 4-6 Adding an account



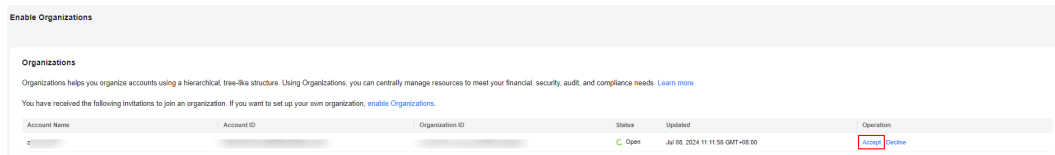
Step 3 In the displayed dialog box, select **Invite existing** and enter the name or ID of the account you want to invite. In this example, enter the ID of Development Team account **Account y**. For details about how to obtain an account name or account ID, see [Obtaining Account ID and Name](#). Click **OK** to send an invitation to **Account y**.

Figure 4-7 Inviting an account



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

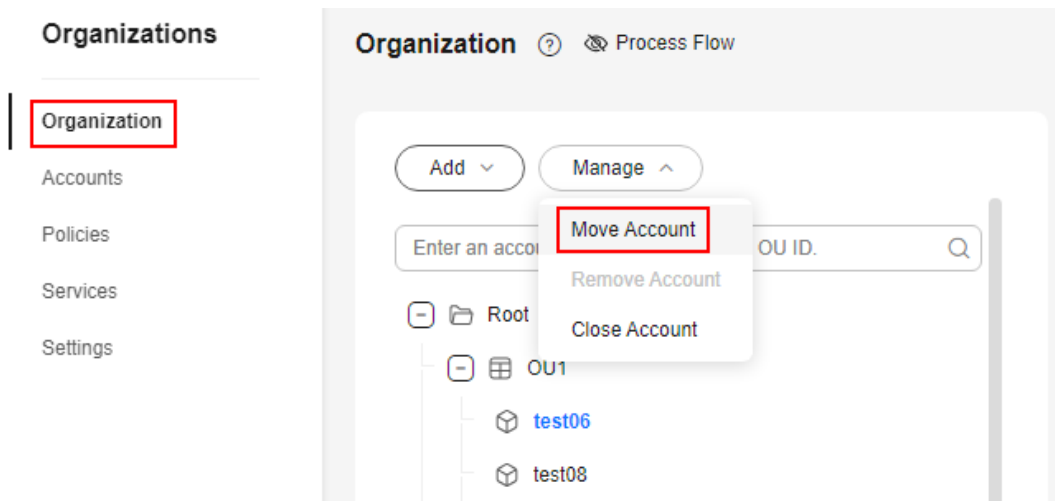
Figure 4-8 Accepting an invitation



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 4-9 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 example, you can attach an SCP to the **R&D Dept.** OU to allow only the accounts in this OU to modify and delete resource compliance rules. 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 [SCP Syntax](#).

The policy content is as follows:

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

```

"Action": [
  "rms:policyAssignments:update",
  "rms:policyAssignments:delete"
],
"Resource": [
  "*"
]
}
]
}

```


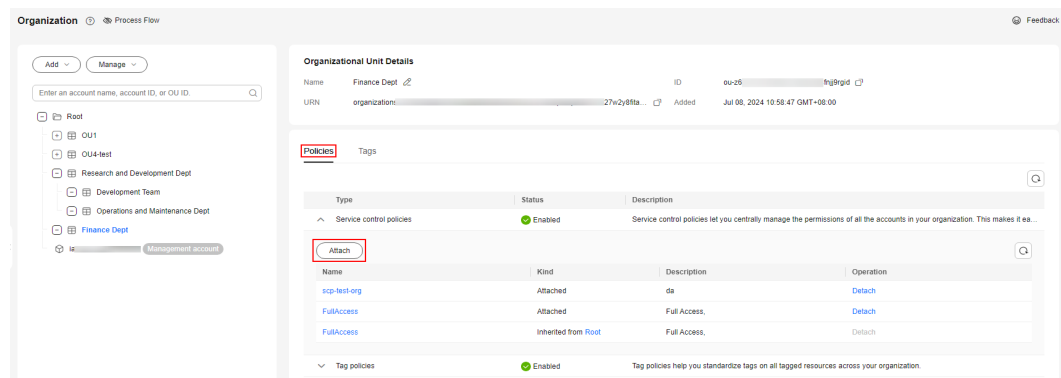
- Step 2** Log in to Huawei Cloud using the management account **Company A** and navigate to the **Organizations** console.
- Step 3** Select the **Finance Dept.** OU in the organizational structure. In this example, the finance department will be prohibited from modifying or deleting compliance rules.
- Step 4** Click **Policies** on the **Organizational Unit Details** page.
- Step 5** Click  in front of **Service Control Policies** and click **Attach**.

Figure 4-10 Attaching an SCP



- Step 6** Select the policy created in **Step 1** and click **Attach** in the displayed dialog box. This policy is 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