Resource Access Manager

Getting Started

Issue 01

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HUAWEI TECHNOLOGIES CO., LTD.

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1 Sharing Your Resources

Scenario

RAM helps you securely share resources across accounts. If you have multiple accounts, you can create resources once in one account and use RAM to share those resources with the other accounts.

This section uses sharing FunctionGraph functions as an example to describe how to share resources with other accounts.

Prerequisites

1. If you already have a HUAWEI ID, skip this step. If you do not have a HUAWEI ID:
   a. Visit the **Huawei Cloud official website** and click **Sign Up** in the upper right corner.
   b. **Sign up for a HUAWEI ID and enable Huawei Cloud services**.
      After your HUAWEI ID is created, you will be redirected to your personal information page.
   c. Complete real-name authentication by following the instructions in **Individual Real-Name Authentication** or **Enterprise Real-Name Authentication**.
2. Top up your account.
   RAM is a free service. You will not be billed for using RAM-related functions. You only need to pay for the shared resources. For pricing details for each payable cloud service, see **Price Calculator**.
   Ensure that your account balance is sufficient to ensure successful resource sharing. For details about account top-up, see **Topping Up an Account**

Procedure

The following procedure focuses on mandatory parameters for creating a resource share. You can retain the default values for other parameters. For more information, see **Creating a Resource Share**.

1. Log in to the **Huawei Cloud management console** as a resource owner (a principal sharing with you).

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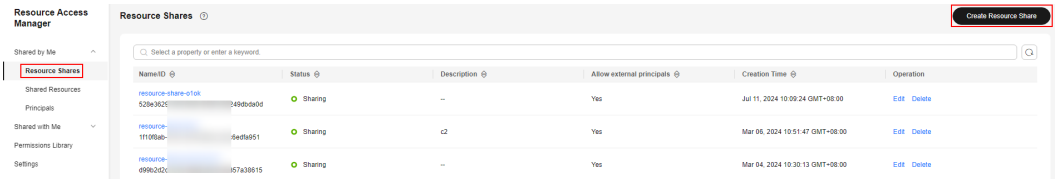
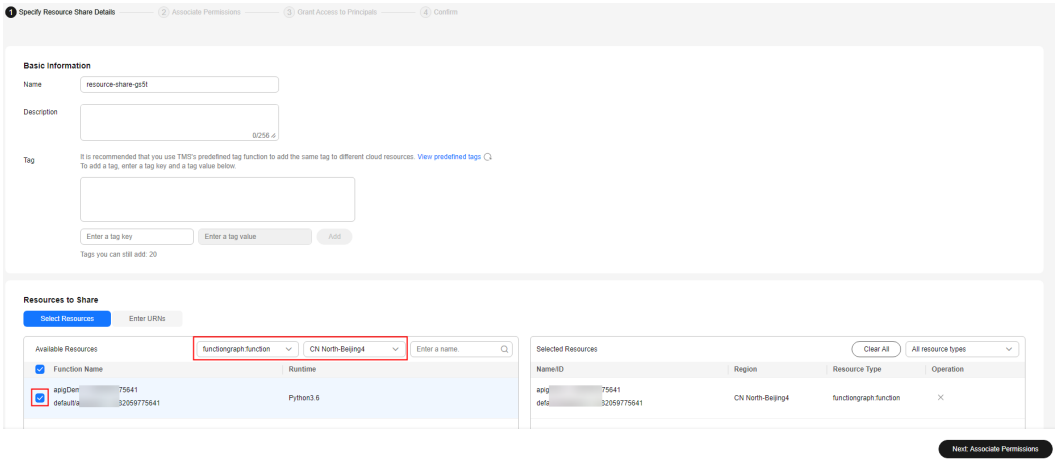
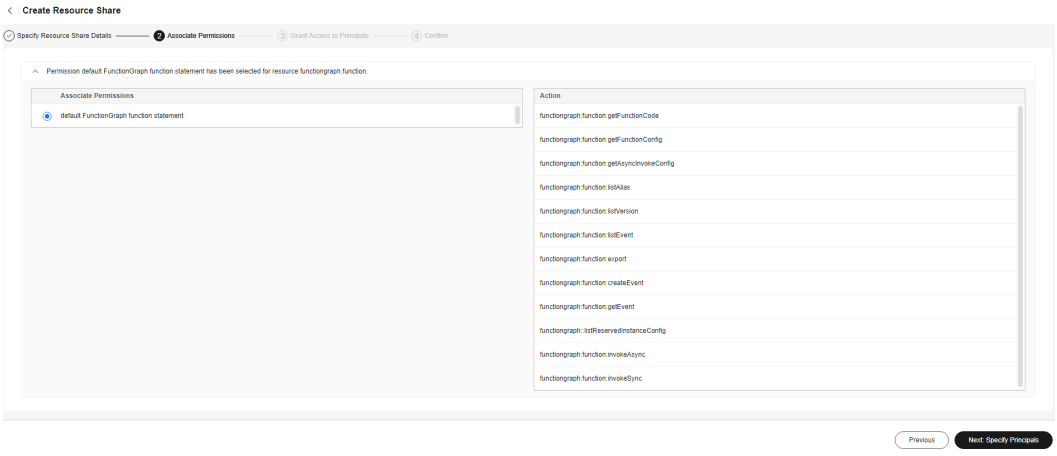
2. Click ☰ in the upper left corner and choose **Management & Governance** > **Resource Access Manager**. The **Resource Access Manager** page is displayed.
3. Choose **Shared by Me** > **Resource Shares**.
4. Click **Create Resource Share** in the upper right corner.



5. On the **Specify Resource Share Details** page, select the FunctionGraph functions to share, and click **Next: Associate Permissions** in the lower right corner of the page.



6. On the **Associate Permissions** page, preset permissions are automatically selected for the resources to share. Click **Next: Specify Principals** in the lower right corner of the page.



7. On the **Grant Access to Principals** page, set **Principal Type** to Huawei Cloud account ID, enter the account ID, and click **Add**. Then, click **Next: Confirm** in the lower right corner of the page.

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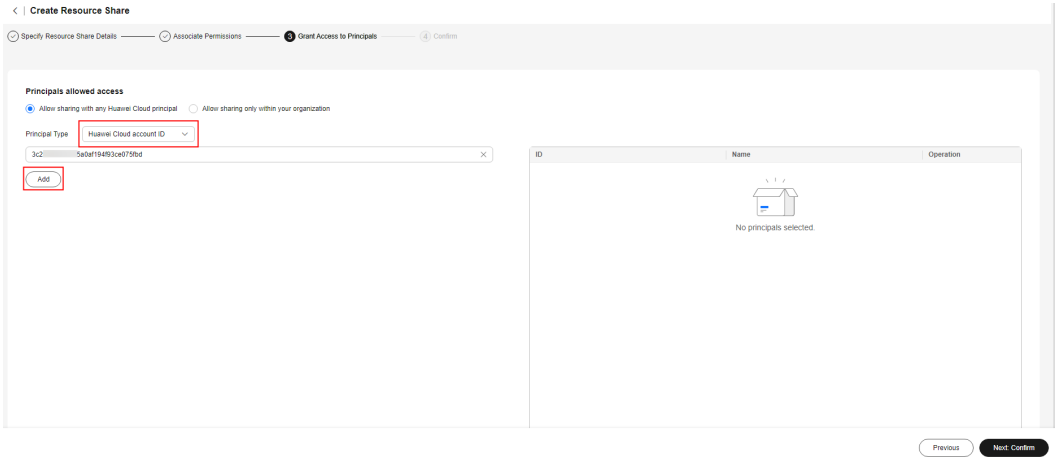

8. Review and confirm the configuration details of your resource share and select **I have read and agree to *Privacy Statement*** on the **Confirm** page. Then, click **Submit** in the lower right corner.

Related Information

If you use Huawei Cloud **Organizations** to manage your accounts, you can enable sharing with Organizations to share resources more easily. If your account is in an organization, you can share resources either with individual accounts or with all accounts in an organization unit (OU) or in the entire organization without having to enumerate each account.

To share resources within your organization, you first need to use the RAM console to enable Sharing with Organizations. Only the organization administrator can enable or disable Sharing with Organizations. For details, see **Enabling Sharing with Organizations**.

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2 Using Shared Resources

Scenario

When a resource owner shares resources with your account and you accept the sharing invitation, you can access and use the shared resources as if they were your own resources in your own account.

This section describes how to accept a resource sharing invitation and use shared resources.

Prerequisites

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

1. Visit the **Huawei Cloud official website** and click **Sign Up** in the upper right corner.
2. **Sign up for a HUAWEI ID and enable Huawei Cloud services**.

   After your HUAWEI ID is created, you will be redirected to your personal information page.
3. Complete real-name authentication by following the instructions in **Individual Real-Name Authentication** or **Enterprise Real-Name Authentication**.

Procedure

When you receive an invitation, you need to accept it so that you can access and use the shared resources. If you are in the same organization as the resource owner (the principal sharing with you), and if Sharing with Organizations is enabled, you are automatically granted access to the shared resources without having to accept the invitation.

1. Log in to the **Huawei Cloud management console** as the resource user.
2. Click in the upper left corner and choose **Management & Governance** > **Resource Access Manager**. The **Resource Access Manager** page is displayed.
3. Choose **Shared with Me** > **Resource Shares**.
4. On the **Resource Shares To Be Accepted** page, the open invitation is displayed in the list. Click **Accept** in the **Operation** column of the invitation.

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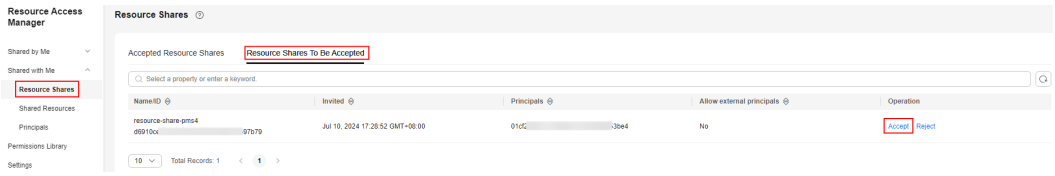

5. Click **OK** in the displayed dialog box.

   After you accept the invitation, you can access and use the shared resources on their respective management consoles.

6. Navigate to the FunctionGraph console and choose **Functions** > **Function List** > **Shared Functions**. The functions shared with you are displayed in the list.

7. Click the name of a function to view and execute the function.

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