Alibaba Cloud
Resource Access Management

RAM User Group Management

Issue: 20200426
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# Document conventions

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>🚨</td>
<td>A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.</td>
<td>🚨 Danger: Resetting will result in the loss of user configuration data.</td>
</tr>
<tr>
<td>⚠️</td>
<td>A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.</td>
<td>⚠️ Warning: Restarting will cause business interruption. About 10 minutes are required to restart an instance.</td>
</tr>
<tr>
<td>🚨</td>
<td>A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.</td>
<td>🚨 Notice: If the weight is set to 0, the server no longer receives new requests.</td>
</tr>
<tr>
<td>📝</td>
<td>A note indicates supplemental instructions, best practices, tips, and other content.</td>
<td>📝 Note: You can use Ctrl + A to select all files.</td>
</tr>
<tr>
<td>&gt;</td>
<td>Closing angle brackets are used to indicate a multi-level menu cascade.</td>
<td>Click Settings &gt; Network &gt; Set network type.</td>
</tr>
<tr>
<td><strong>Bold</strong></td>
<td>Bold formatting is used for buttons, menus, page names, and other UI elements.</td>
<td>Click OK.</td>
</tr>
<tr>
<td><strong>Courier font</strong></td>
<td>Courier font is used for commands.</td>
<td>Run the <code>cd /d C:/window</code> command to enter the Windows system folder.</td>
</tr>
<tr>
<td><em>Italic</em></td>
<td>Italic formatting is used for parameters and variables.</td>
<td><code>bae log list --instanceid Instance_ID</code></td>
</tr>
<tr>
<td>[] or [a</td>
<td>b]</td>
<td>This format is used for an optional value, where only one item can be selected.</td>
</tr>
<tr>
<td>Style</td>
<td>Description</td>
<td>Example</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>{} or {a</td>
<td>b}</td>
<td>This format is used for a required value, where only one item can be selected.</td>
</tr>
</tbody>
</table>
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1 Overview of a RAM user group

You can create RAM user groups to classify and authorize RAM users in your Alibaba Cloud account. This simplifies the management of RAM users and their permissions.

- If the responsibilities of a RAM user change, you only need to move the RAM user to a RAM user group with the relevant permissions. This does not affect other RAM users.

  For information about how to create a RAM user group, see Create a RAM user group.

- If the responsibilities of a RAM user group change, you only need to modify the policy attached to the user group. Changes to the policy apply to all RAM users in the RAM user group.

  For information about how to grant permissions to a RAM user group, see Grant permissions to a RAM user group.
2 Create a RAM user group

This topic describes how to create a RAM user group. If you have multiple RAM users under your Alibaba Cloud account, you can create RAM user groups to classify and authorize these RAM users. This simplifies the management of RAM users and permissions.

Procedure

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click Groups under Identities.
3. On the Groups page, click Create Group.
4. In the Create Group pane, specify the Group Name, Display Name, and Note parameters.
5. Click OK.

What's next

You can attach one or more permission policies to the RAM user group. For more information, see Grant permissions to a RAM user group.

Related topics

#unique_6
3 Add a RAM user to a RAM user group

After a RAM user is added to a RAM user group, the RAM user has the permissions of the group. This topic introduces two methods.

Method 1

You can add RAM users with the same responsibilities to a RAM user group on the Users page.

1. Log on to the RAM console with an Alibaba Cloud account.
2. In the left-side navigation pane, click Users under Identities.
3. In the User Logon Name/Display Name column, find the target RAM user.
4. Click Add to Group. The username of RAM user is automatically filled in.
5. In the Name column on the page that appears, select the target RAM user group.

**Note:**
- In the User group section, you can enter keywords of a RAM user group name for fuzzy matching.
- You can click X next to a RAM user group in the Selected section to delete the selected RAM user group.
6. Click OK.

Method 2

You can add one or more RAM users to a RAM user group on the Groups page.

1. Log on to the RAM console with an Alibaba Cloud account.
2. In the left-side navigation pane, click Groups under Identities.
3. In the Group Name/Display Name column, find the target RAM user group.
4. Click Add Group Members. The group name is automatically filled in.
5. In the Name column on the page that appears, select the target RAM user or RAM users.

**Note:**
- In the User section, you can enter keywords of a RAM user name for fuzzy matching.
6. Click **OK**.

**Related topics**

#unique_8
4 Remove a RAM user from a RAM user group

This topic describes how to remove a RAM user from a RAM user group. To remove a RAM user from a RAM user group, you can use the following two methods.

**Method 1**

You can remove a RAM user from a RAM user group on the **Users** page.

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click **Users** under **Identities**.
3. In the **User Logon Name/Display Name** column, click the name of the RAM user.
4. On the page that appears, find the RAM user group on the **Groups** tab.
5. In the **Actions** column, click **Remove from Group**.
6. Click **OK**.

**Method 2**

You can remove a RAM user from a RAM user group on the **Groups** page.

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click **Groups** under **Identities**.
3. In the **Group Name/Display Name** column, click the name of the RAM user group.
4. On the **Group Members** tab, find the RAM user.
5. In the **Actions** column, click **Remove from Group**.
6. Click **OK**.

**Related topics**

#unique_10
5 View the basic information of a RAM user group

This topic describes how to view the basic information of a user group, including the group name, display name, and note.

Procedure

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click Groups under Identities.
3. In the Group Name/Display Name column, click the name of the RAM user group.
4. In the Group Basic Information section, view the group information.

Related topics

#unique_12
6 Modify the basic information of a RAM user group

This topic describes how to modify the basic information of a RAM user group, including the group name, display name, and note.

Procedure

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click Groups under Identities.
3. In the Group Name/Display Name column, click the name of the RAM user group.
4. In the Group Basic Information section, click Modify Basic Information.
5. Modify the basic information and click OK.

Related topics

#unique_14
7 Grant permissions to a RAM user group

This topic describes how to grant permissions to a RAM user group. After you grant permissions to a RAM user group, all RAM users in the group share the permissions.

Method 1

Grant permissions to a RAM user group on the Groups page.

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click Groups under Identities.
3. In the Group Name/Display Name column, find the RAM user group.
4. Click Add Permissions. On the page that appears, the Principal field is automatically filled in.
5. In the Policy Name column, select the policies that you want to attach to the RAM user group.

Note:
You can click the cross sign (x) next to a policy in the Selected section to delete the policy.

6. Click OK.
7. Click Finished.

Method 2

Grant permissions to a RAM user group on the Grants page

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click Grants under Permissions.
3. Click Grant Permission.
4. In the Principal field, enter the name of the RAM user group, and then select the RAM user group from the auto-complete results.
5. In the Policy Name column, select the policies that you want to attach to the RAM user group.

Note:
You can click the cross sign (×) next to a policy in the **Selected** section to delete the policy.

6. Click **OK**.

7. Click **Finished**.

**Related topics**

#unique_15
8 View the permissions of a RAM user group

This topic describes how to view the permissions of a RAM user group. You can view the applicable scope, name, type, and description of each permission policy to effectively manage the permissions.

Procedure

1. Log on to the RAM console with an Alibaba Cloud account.
2. In the left-side navigation pane, click Groups under Identities.
3. In the Group Name/Display Name column, click the name of the target RAM user group.
4. Click the Permissions tab. You can view the permissions of the RAM user group on this tab.
9 Remove permissions from a RAM user group

You can remove permissions from a RAM user group based on your business requirements. This topic describes how to remove permissions from a RAM user group.

Method 1

Remove permissions from a RAM user group on the Grants page.

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click Grants under Permissions.
3. Find the RAM user group, and then click Revoke Permission in the Actions column.
4. Click OK.

Method 2

Remove permissions from a RAM user group on the Permissions tab of the Groups page.

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click Groups under Identities.
3. In the Group Name/Display Name column, click the name of the RAM user group.
4. On the page that appears, click the Permissions tab, find the policy that you want to detach from the RAM user group, and then click Remove Permission in the Actions column.
5. Click OK.

Related topics

#unique_18
10 Delete a RAM user group

This topic describes how to delete a RAM user group. You can delete a RAM user group that you no longer need. If a RAM user group is deleted, all RAM users in the group and policies that are attached to the group are also removed.

Procedure

1. Log on to the RAM console by using an Alibaba Cloud account.
2. In the left-side navigation pane, click Groups under Identities.
3. On the Groups page, find the RAM user group in the Group Name/Display Name column, and click Delete in the Actions column.
4. In the message that appears, click OK.

Related topics

#unique_20