

Kylin Cube Permission Grant Tutorial

In **Cubes** page, double click the cube row to see the detail information. Here we focus on the **Access** tab. Click the **+Grant** button to grant permission.

The screenshot shows the Kylin web interface with the 'Cubes' tab selected. At the top, there's a navigation bar with 'Kylin', 'Query', 'Cubes', 'Jobs', 'Tables', and 'Admin'. Below it, a 'Project' dropdown is set to '-- All Projects --' and a 'Cube Name' search bar is empty. A '+ Grant' button is visible. The main table lists two cubes:

Name	Status	Cube Size	Source Records	Last Build Time	Owner	Create Time	Actions	Admins
test_kylin_cube_without_slr_empty		0.00 KB	0	1970-01-01 08:00:00			Action	Action
test_kylin_cube_with_slr_empty		0.00 KB	0	1970-01-01 08:00:00			Action	Action

Below the table, it says 'Total: 2' and 'Storage: 0.00 KB'. The 'Access' tab is selected, showing a 'No Result.' message and a '+ Grant' button.

There are four different kinds of permissions for a cube. Move your mouse over the **?** icon to see detail information.

This screenshot is similar to the previous one, but with a tooltip open over the '?' icon in the 'Access' tab. The tooltip explains the four types of permissions:

- **CUBE QUERY:** Access to query cube
- **CUBE OPERATION:** Access to rebuild, resume and cancel jobs. Also include access of CUBE QUERY.
- **CUBE MANAGEMENT:** Access to edit/delete cube. Also include access of CUBE OPERATION.
- **CUBE ADMIN:** Full access to cube and jobs, including access management.

There are also two types of user that a permission can be granted: **User** and **Role**. **Role** means a group of users who have the same role.

1. Grant User Permission

- Select **User** type, enter the username of the user you want to grant and select the related permission.

Name	Status	Cube Size	Source Records	Last Build Time	Owner	Create Time	Actions	Admins
test_kylin_cube_without_slr_empty		0.00 KB	0	1970-01-01 08:00:00			Action	Action

Grid Visualization SQL JSON Access Notification HBase

Type ☒ User ☐ Role Name Permission ☒ CUBE QUERY

No Result.

test_kylin_cube_with_slr_empty		0.00 KB	0	1970-01-01 08:00:00			Action	Action
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- Then click the **Grant** button to send a request. After the success of this operation, you will see a new table entry show in the table. You can select various permission of access to change the permission of a user. To delete a user with permission, just click the **Revoke** button.

Name	Status	Cube Size	Source Records	Last Build Time	Owner	Create Time	Actions	Admins
test_kylin_cube_without_slr_empty		0.00 KB	0	1970-01-01 08:00:00			Action	Action

Grid Visualization SQL JSON Access Notification HBase

☒ User ☐ Role

Name	Type	Access	Update	Revoke
username	User	CUBE QUERY	<input checked="" type="checkbox"/> -- select access -- <input type="checkbox"/> CUBE ADMIN <input type="checkbox"/> CUBE EDIT <input checked="" type="checkbox"/> CUBE OPERATION <input type="checkbox"/> CUBE QUERY	<input type="button" value="Update"/> <input type="button" value="Revoke"/>

test_kylin_cube_with_slr_empty		0.00 KB	0	1970-01-01 08:00:00			Action	Action
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2. Grant Role Permission

- Select **Role** type, choose a group of users that you want to grant by click the drop down button and select a permission.
- Then click the **Grant** button to send a request. After the success of this operation, you will see a new table entry show in the table. You can select various permission of access to change the permission of a group. To delete a group with permission, just click the **Revoke** button.