



# Slack API Integration

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## Create a workspace in slack

1. The organization needs a slack workspace before integrating slack to 'KloudSpot Hybrid Work'. Click on the link below to know how to create a Slack workspace and how it works.

<https://slack.com/intl/en-in/help/categories/360000049043>

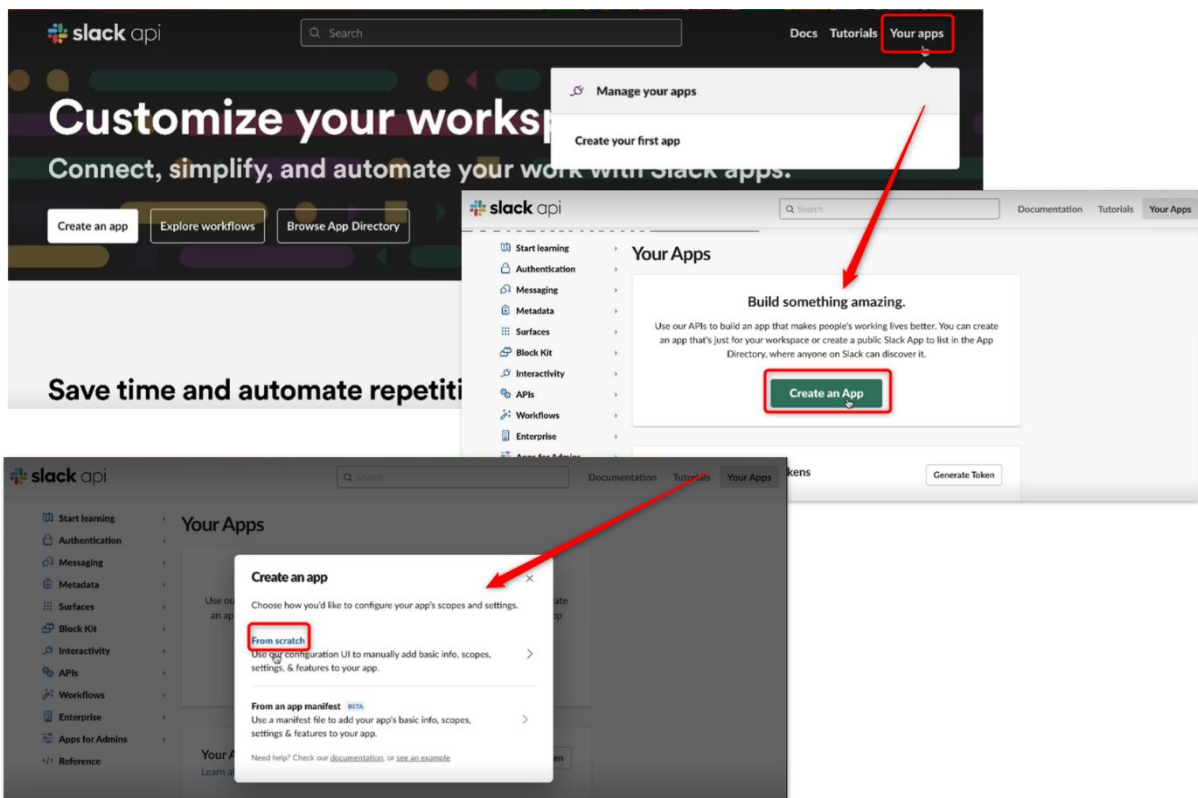
2. If your organization already has a Slack account. Skip the above step and proceed to the next step.
3. After you have logged in to the workspace, you will need to generate the Slack API credentials.
4. To access the Slack API, click on the link below.

<https://api.slack.com/>

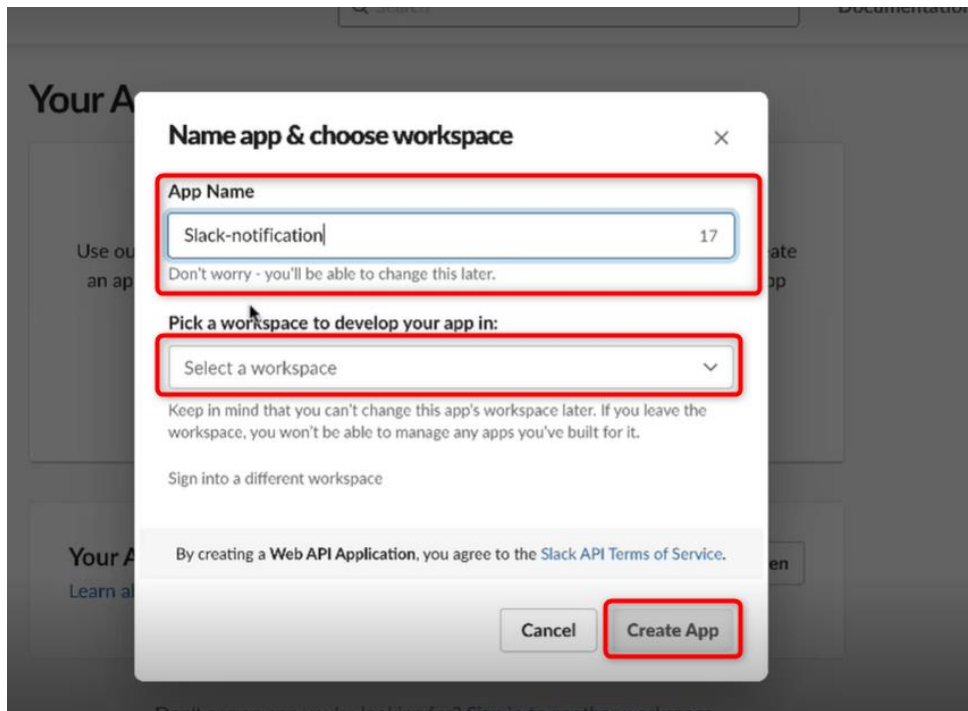
5. Then create a new App

## Create App

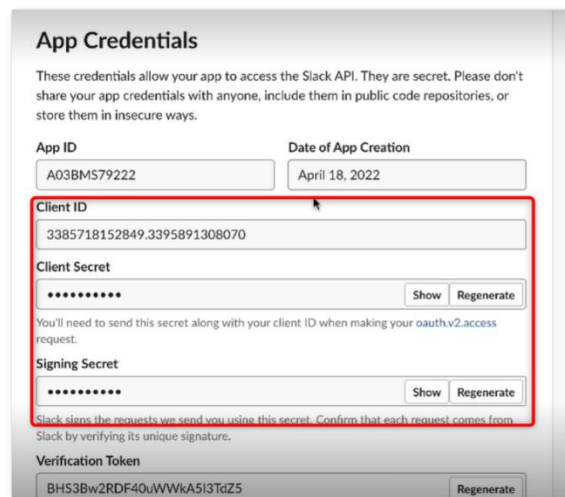
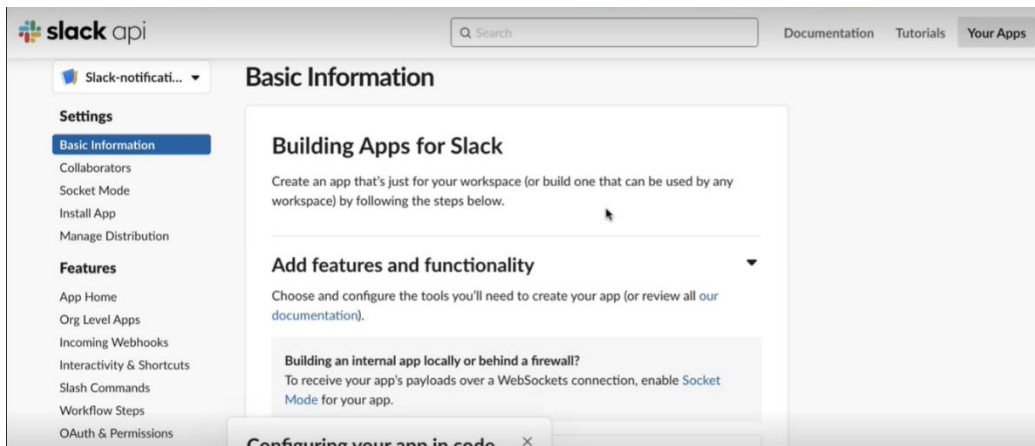
1. Navigate to Your apps > Create an App > From scratch.



2. Enter the application name and select the workspace from the dropdown list. Then click **Create App**.



3. The app's settings menu will appear once it has been created.
4. Scroll down in the Basic information menu and look for the **Client ID, Client Secret, and Signing Secret**. Copy and paste the credentials somewhere convenient for later use.

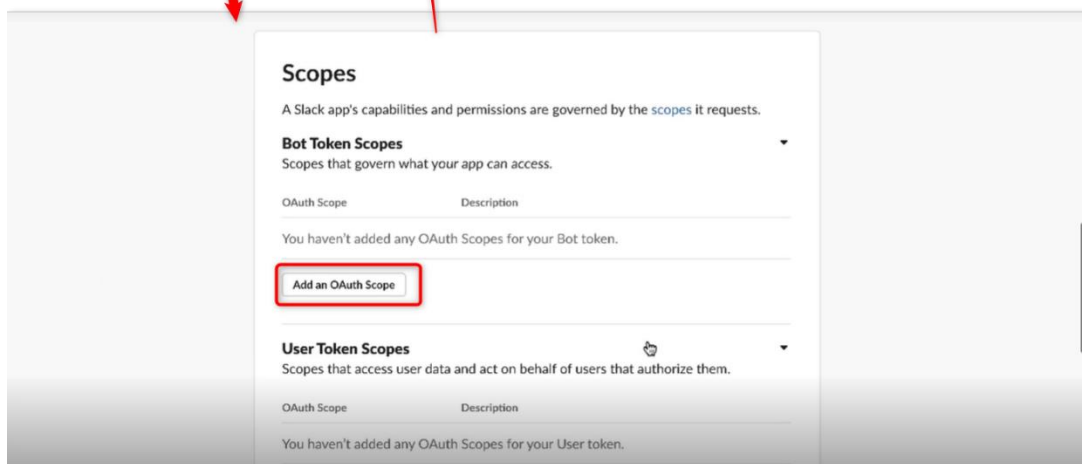
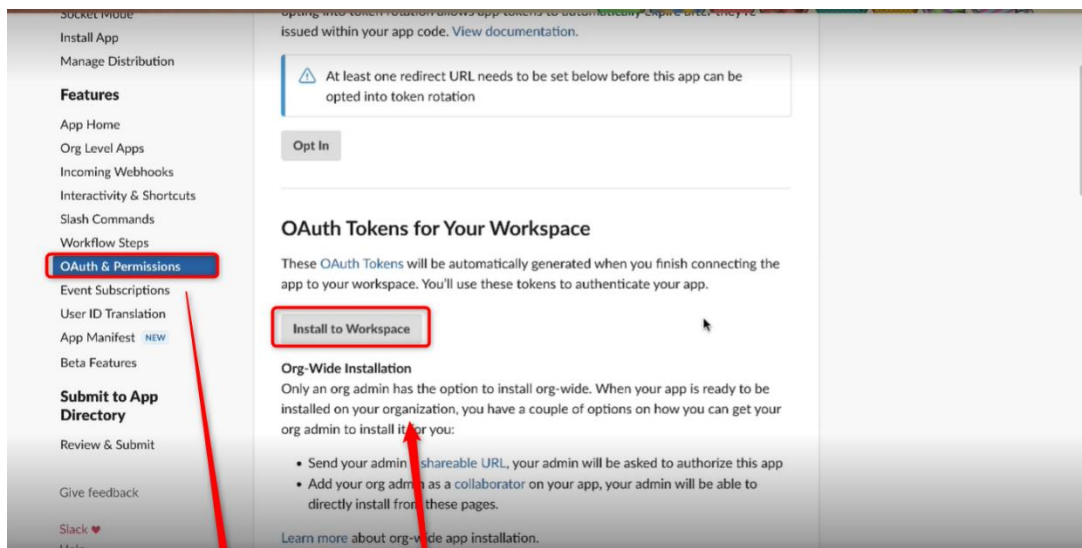


5. Then go to the **OAuth & Permissions** menu and add the necessary **scopes**.
6. To add **scopes**, click the **Add an OAuth Scope** button and search for the scopes you want.
7. The following is a list of scopes that should be kept to a bare minimum when integrating slack into a hybrid.

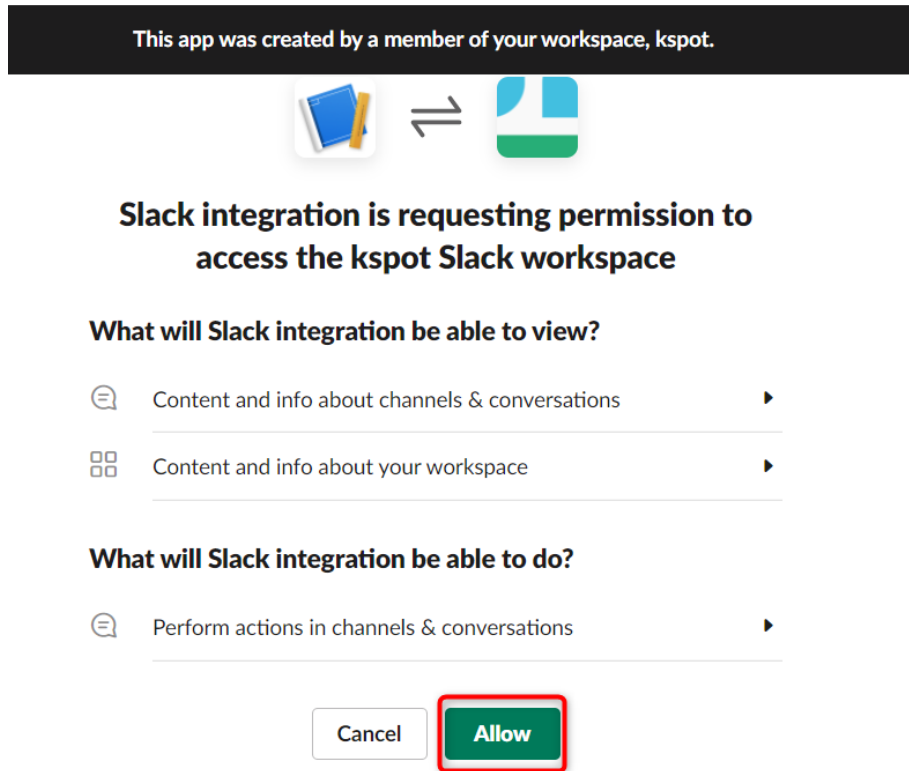
OAuth Scope	Description
<a href="#">channels:history</a>	View messages and other content in public channels that Slack integration has been added to
<a href="#">channels:join</a>	Join public channels in a workspace
<a href="#">channels:read</a>	View basic information about public channels in a workspace
<a href="#">groups:history</a>	View messages and other content in private channels that Slack integration has been added to
<a href="#">groups:read</a>	View basic information about private channels that Slack integration has been added to

<a href="#">im:history</a>	View messages and other content in direct messages that Slack integration has been added to
<a href="#">mpim:history</a>	View messages and other content in group direct messages that Slack integration has been added to
<a href="#">reactions:read</a>	View emoji reactions and their associated content in channels and conversations that Slack integration has been added to
<a href="#">usergroups:read</a>	View user groups in a workspace
<a href="#">users.profile:read</a>	View profile details about people in a workspace
<a href="#">users:read</a>	View people in a workspace
<a href="#">users:read.email</a>	View email addresses of people in a workspace

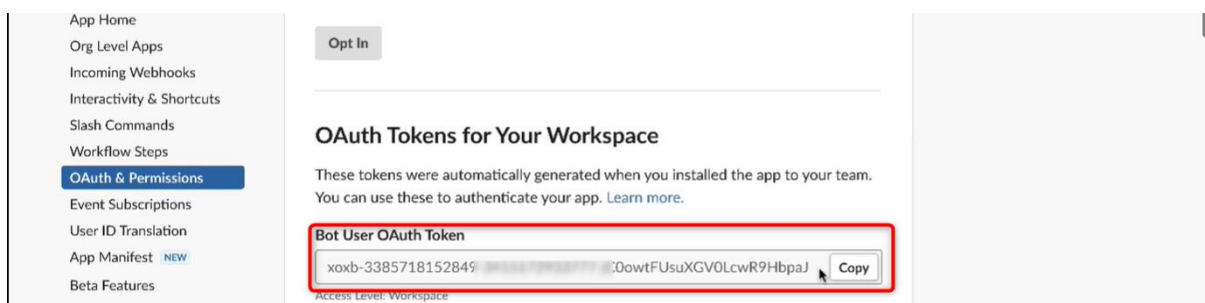
8. After you have added the scopes, click the **Install to Workspace** button.



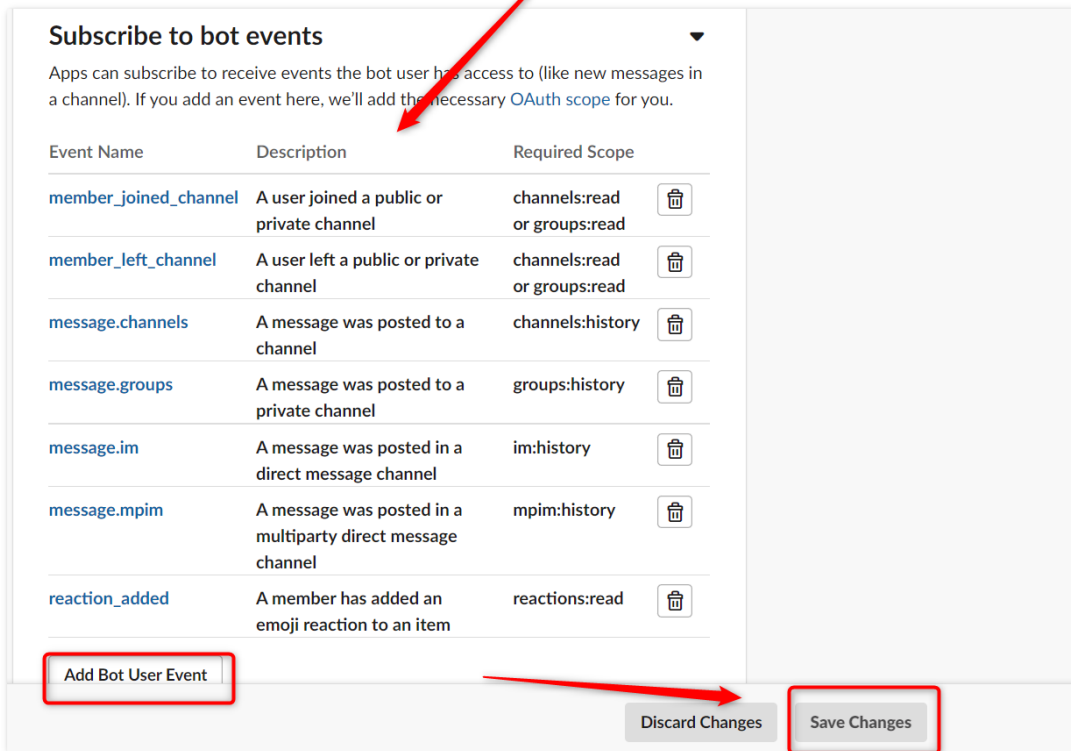
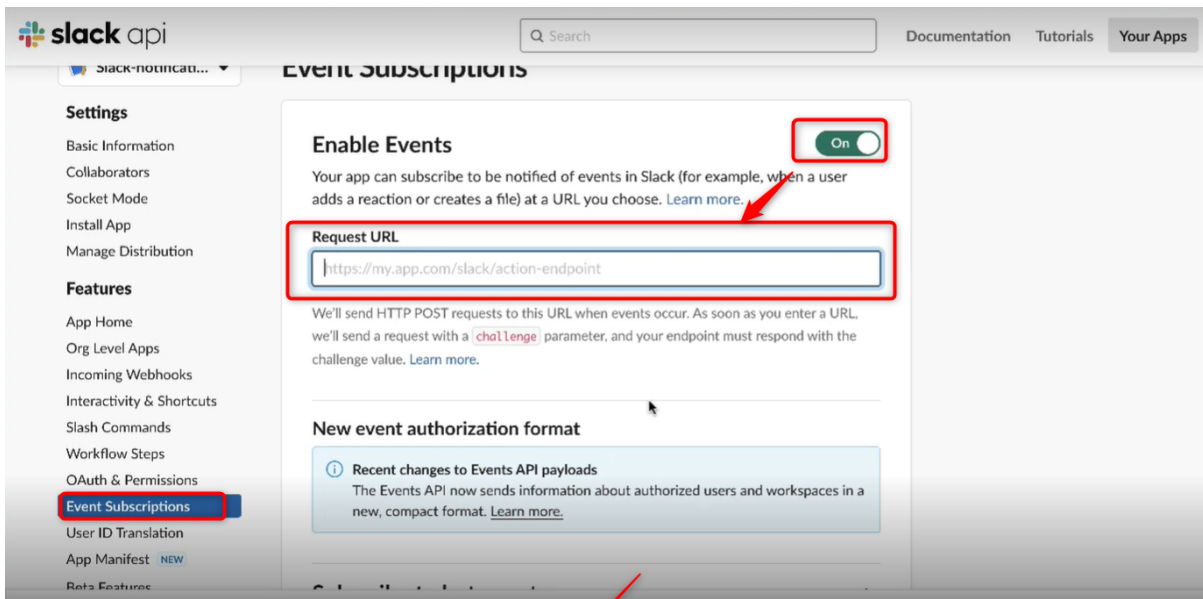
- On the permissions page that appears, click the **Allow** button and grant permission.  
**Note:** If you make any changes to the **OAuth and permissions** menu. The App must be reinstalled.



- After installation, you will receive the **Bot User OAuth token**. Copy and paste the **OAuth token** somewhere convenient for later use.



- Then go to the event subscriptions section and click the **enable** button. When enabled, enter the Hybrid admin URL given below in the Request URL textbox that appears.  
<https://smoke.kloudspot.com/public/event>
- Scroll down and add the necessary events. To add events, click the **Add Bot User Event** button and search for the events you want.
- Then, save the changes by clicking the **Save Changes** button.



14. The following is a list of events that should be kept to a bare minimum when integrating slack into a hybrid.

Event Name	Description
<a href="#">member_joined_channel</a>	A user joined a public or private channel
<a href="#">member_left_channel</a>	A user left a public or private channel
<a href="#">message.channels</a>	A message was posted to a channel

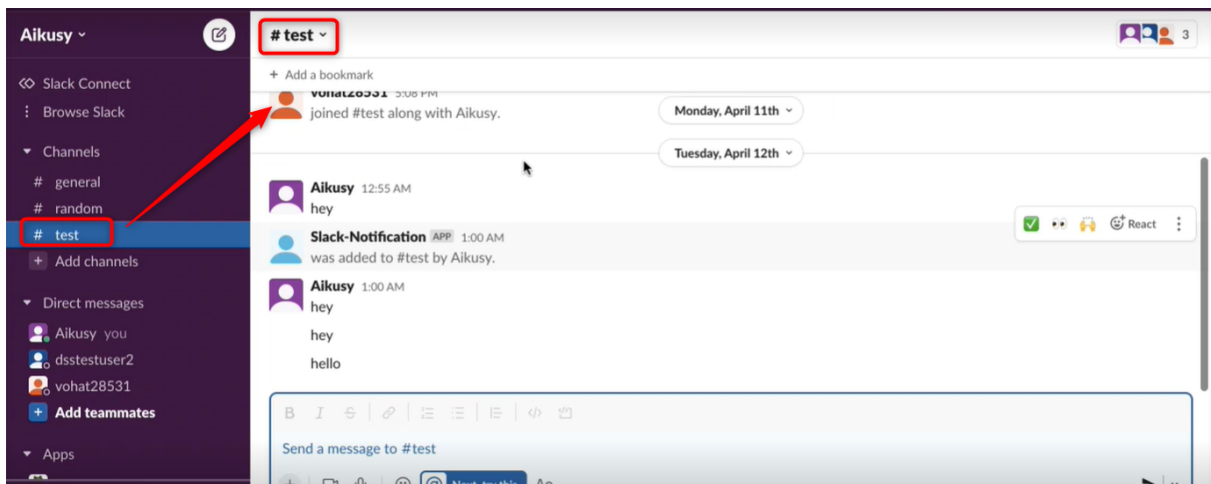


<a href="#">message.groups</a>	A message was posted to a private channel
<a href="#">message.im</a>	A message was posted in a direct message channel
<a href="#">message.mpim</a>	A message was posted in a multiparty direct message channel
<a href="#">reaction_added</a>	A member has added an emoji reaction to an item

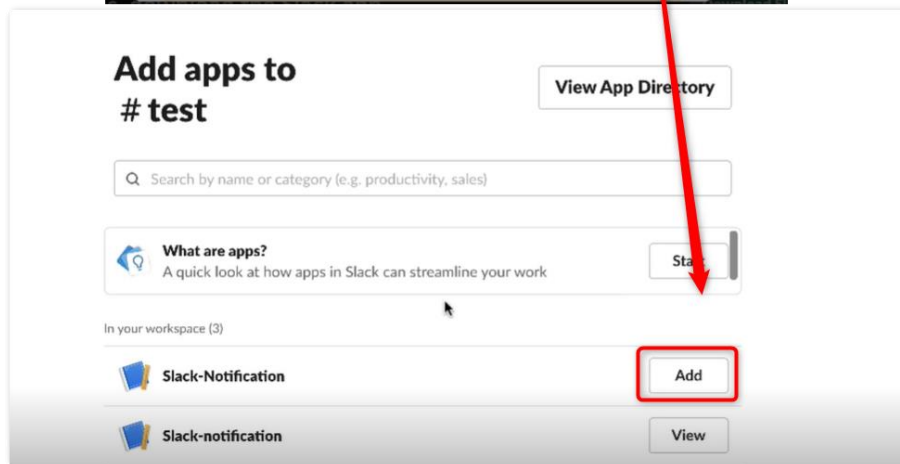
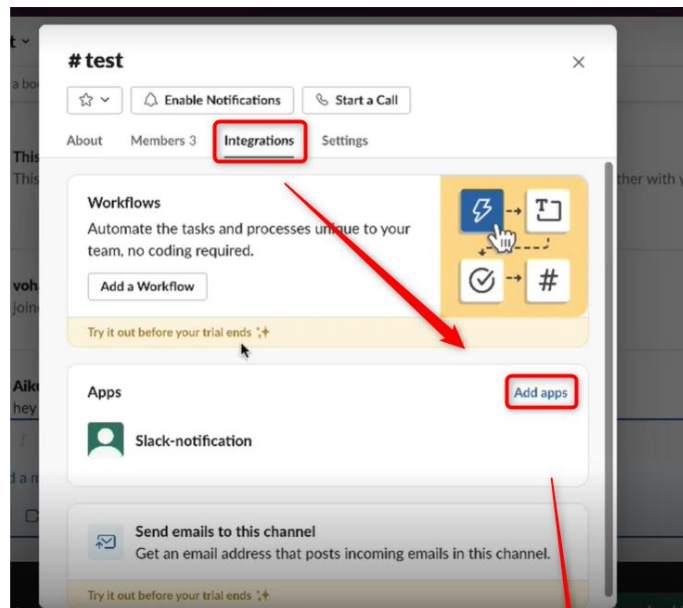
15. The created app must then be added to the workspace.

## Add App to the workspace

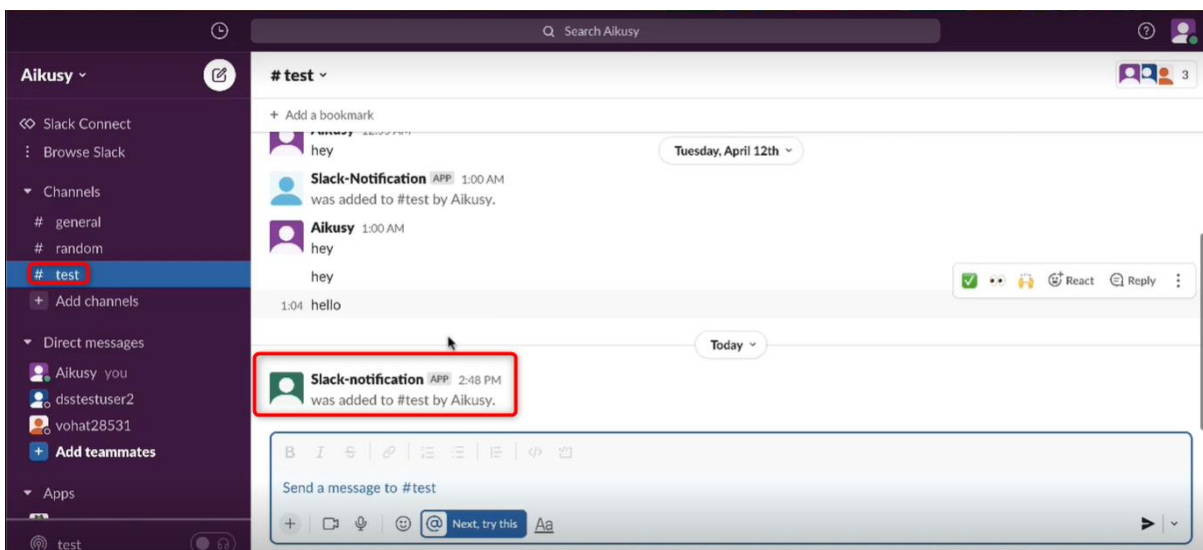
1. Go to the Slack workspace and select the channel to which the app should be added. Then click on channel button.



2. In the popup window that appears, click the **add apps** button in the **integrations** tab.
3. In the window that appears, click the **Add** button on the right side of the newly created app.



4. The presence of the new app will be announced as a notification.

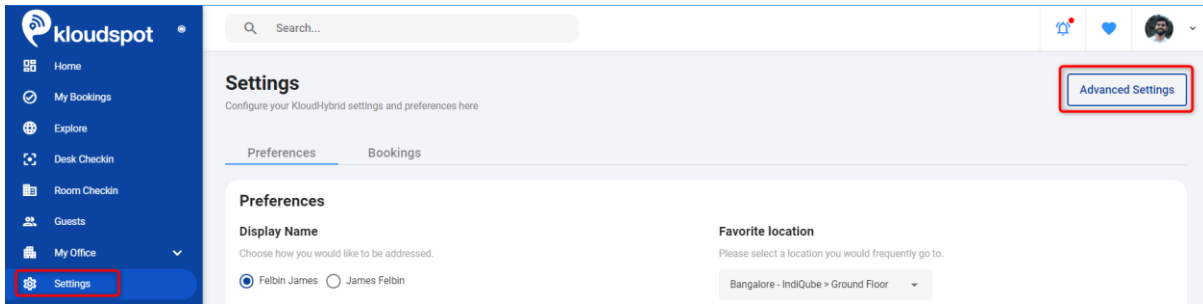




5. Then, enter your credentials in Hybrid advanced settings.

## Add credentials to KloudSpot Hybrid Work

1. To integrate Slack into 'KloudSpot Hybrid Work'. Navigate to **Advanced settings** and then go to **Configuration > Hybrid settings > Application Integrations** Then scroll down and find the **Slack API Access**.



2. Four credentials are required to integrate Slack. **Application (Client) ID, Client Secret, Signing Secret, and Bot User OAuth Token.**
3. Paste the credentials copied from Slack Applications into their respective locations. And click **Save** button.
4. Slack is integrated successfully.

