

SLACK CHANNEL

Set up Slack integration

To use Slack workflow actions, you first need to install **Slack** Connector from Dynatrace Hub.

1. In Dynatrace Hub, select **Slack**.
2. Select **Install**.

Allow Slack for outbound connections

1. Go to **Settings** and select **Connections > Outbound and inbound > Limit outbound connections**. This opens the Settings Classic page.
2. Select **Add item** then add **slack.com** and **files.slack.com**
3. Select **Save changes**.

Grant permissions to Workflows

Some permissions are required by Workflows to run actions on your behalf. Other permissions are required by actions that come bundled with **Slack** Connector itself.

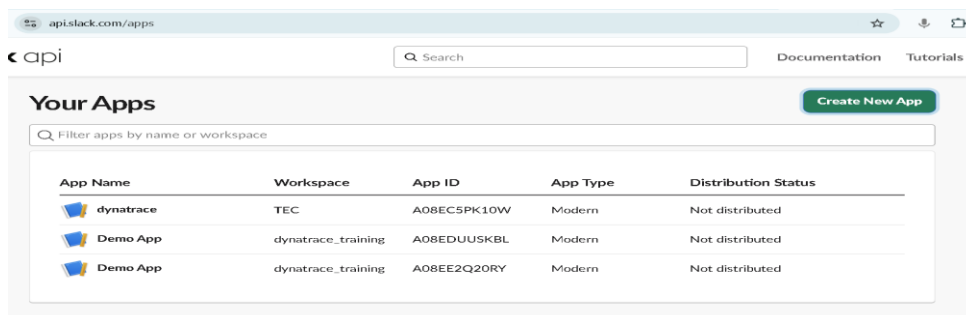
To fine-tune permissions granted to Workflows

1. Go to **Workflows** and select **Settings > Authorization settings**.
2. Select the following permissions besides the general Workflows permission.
 - **app-settings:objects:read**
 - **app-settings:objects:write**
 - **state:app-states:read**
 - **state:app-states:write**
 - **state:app-states:delete**
 - **state:user-app-states:read**
 - **state:user-app-states:write**
 - **state:user-app-states:delete**

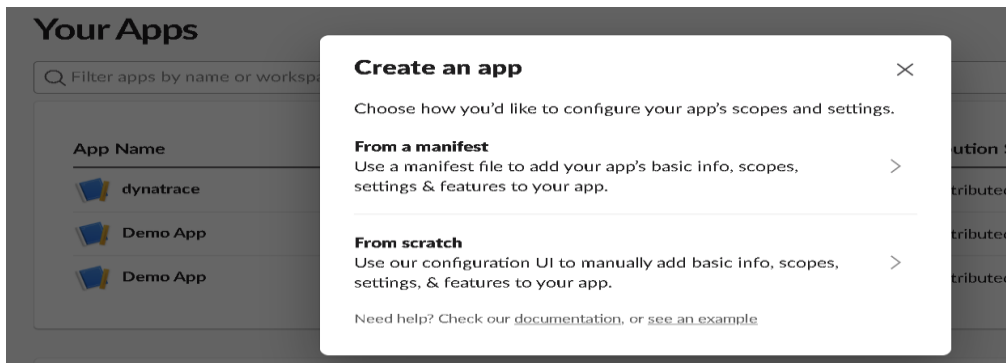
Create Slack app

For Slack Connector workflow actions to interact with your Slack workspace, you first need to create a Slack App for Dynatrace and authorize its connection to Slack.

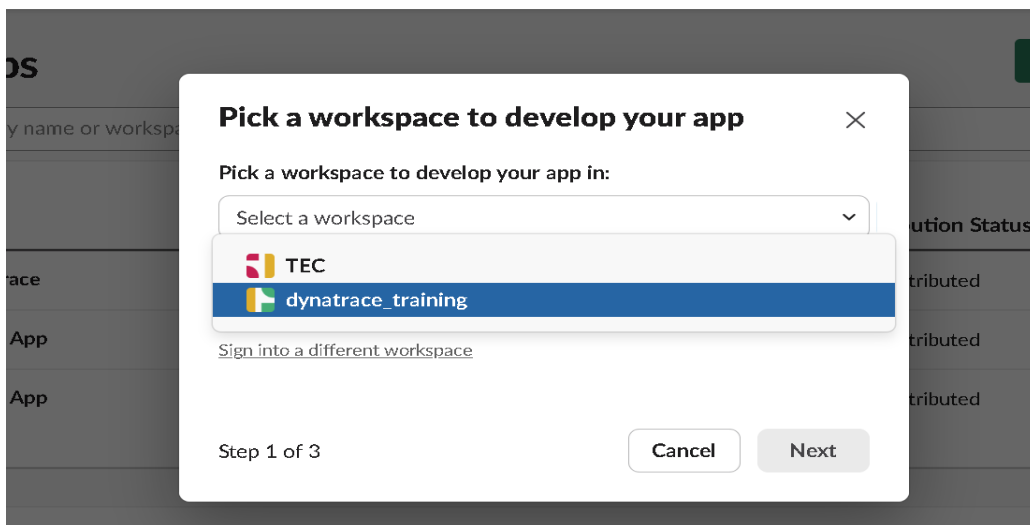
1. Go to [Slack API](#) and select **Create an App**.



2. In the **Create an app** window, select **from an app manifest**.



3. In the **Pick a workspace to develop your app** window, select the Slack workspace you want to connect to and select **Next**.



In the **Enter app manifest below** window, paste the manifest YAML provided below into the YAML tab. Replace <app-name> and <bot-name> with values of your choice (for example, **dynatrace**). For more information on the manifest YAML

```
display_information:
  name: dynatrace
```

```
features:
  bot_user:
    display_name: dynatrace
    always_online: false
```

```
oauth_config:
```

```
scopes:
```

```
  bot:
```

- channels:history
- channels:join
- channels:read
- chat:write
- chat:write.public
- files:read
- files:write
- groups:history

- groups:read
- im:history
- im:read
- mpim:history
- mpim:read
- reactions:read
- reactions:write

settings:

- org_deploy_enabled: false
- socket_mode_enabled: false
- token_rotation_enabled: false

Click CREATE

Review summary & create your app



dynatrace

OAuth

Features

Bot Scopes (15)

channels:history, channels:join, channels:read, chat:write, chat:write.public, files:read, files:write, groups:history, groups:read, im:history, im:read, mpim:history, mpim:read, reactions:read, reactions:write

Step 3 of 3

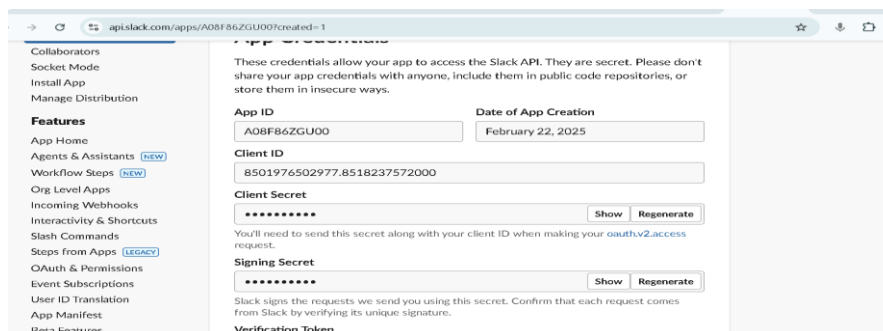
Back

Create

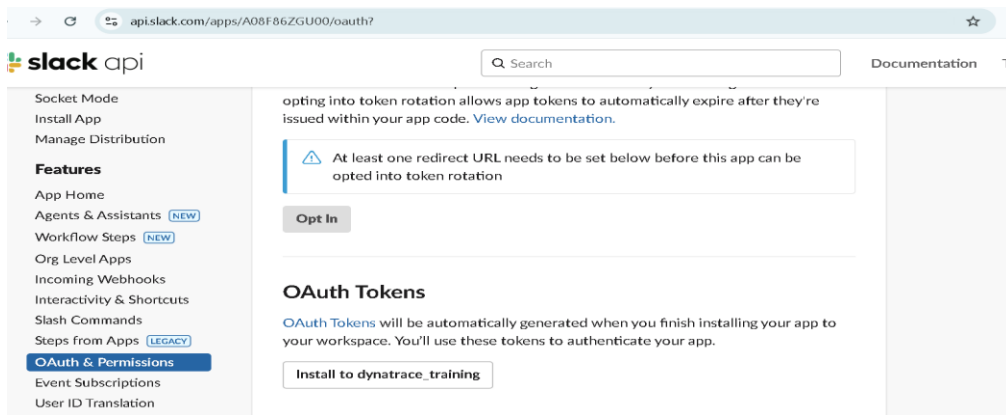
Authorize connection to Slack

Your Dynatrace Slack Connector requires an OAuth token to authorize sending messages to Slack.

1. Go to [Slack API](#), select **Your Apps** in the upper-right corner, and select the app you just created.

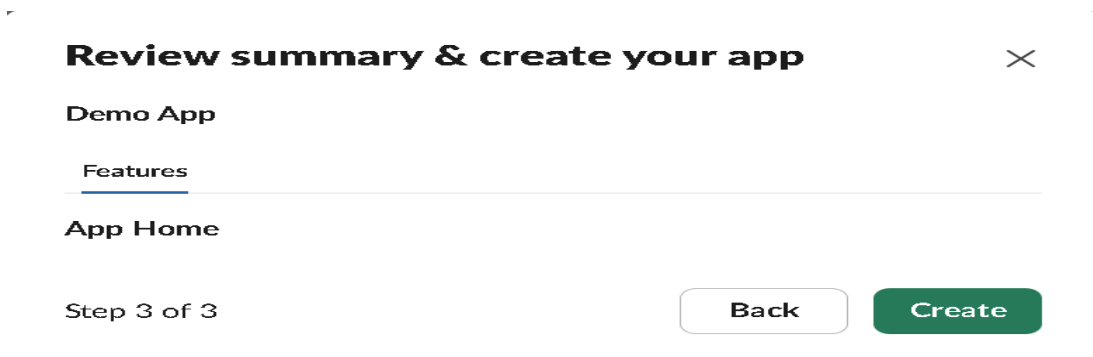
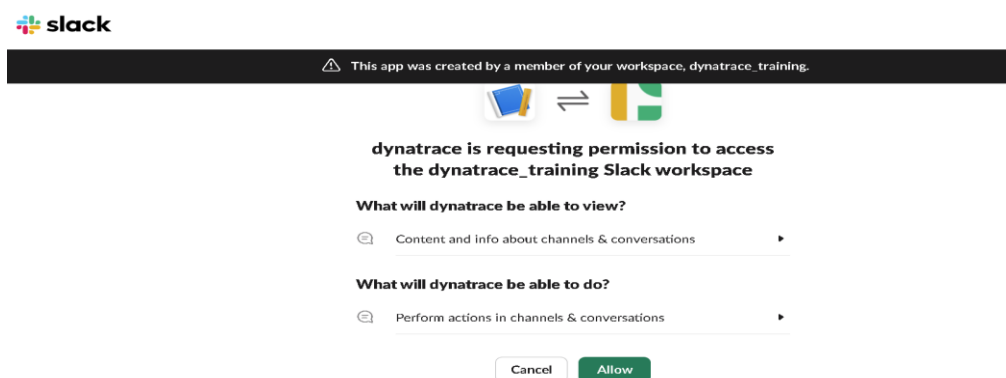


2. Go to **Features > OAuth & Permissions**. If you're a workspace admin, you'll be able to copy the OAuth token for your workspace. Otherwise, you'll need to **Request to Install** it. After your app is enabled by your admin, you'll get access to the OAuth token as well.

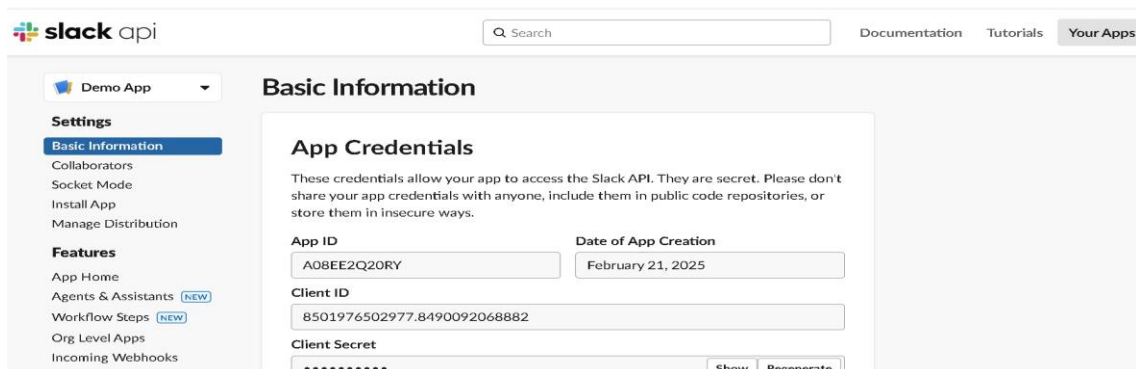


Click Install to **dynatrace_training**

Click **ALLOW**

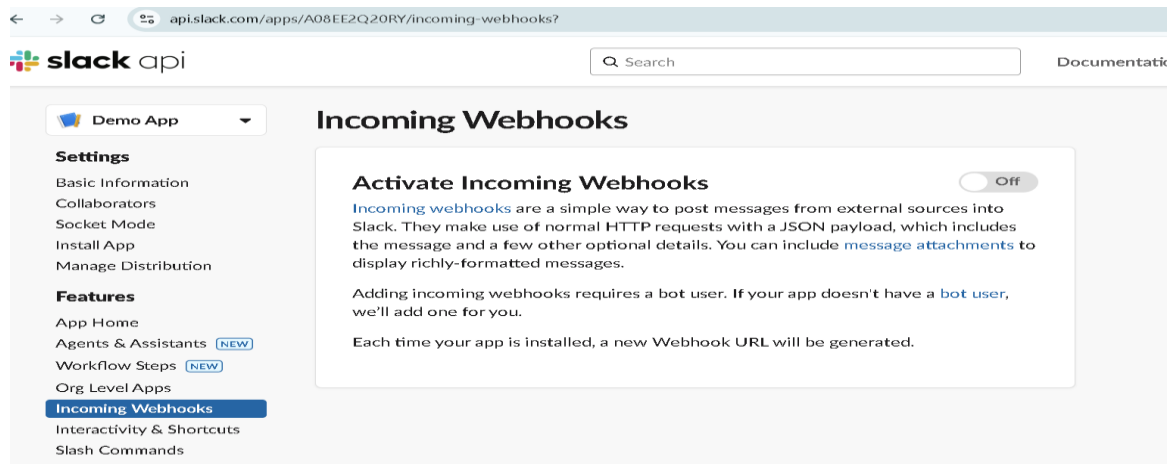


Demo App

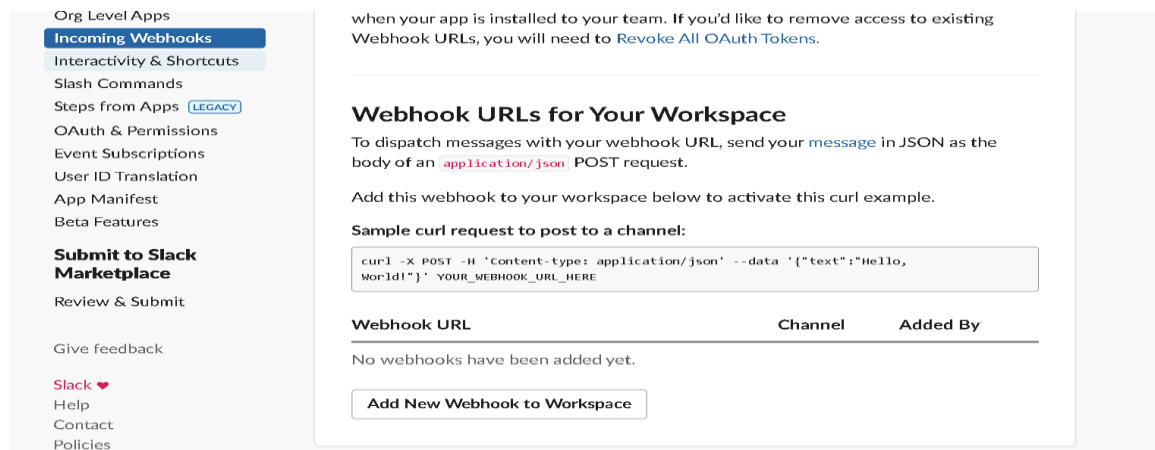


Activate the incoming Webhook

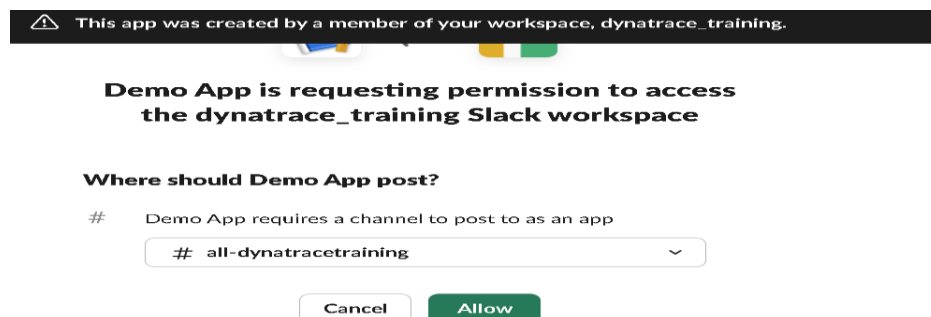
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Click Add New Webhook to Workspace



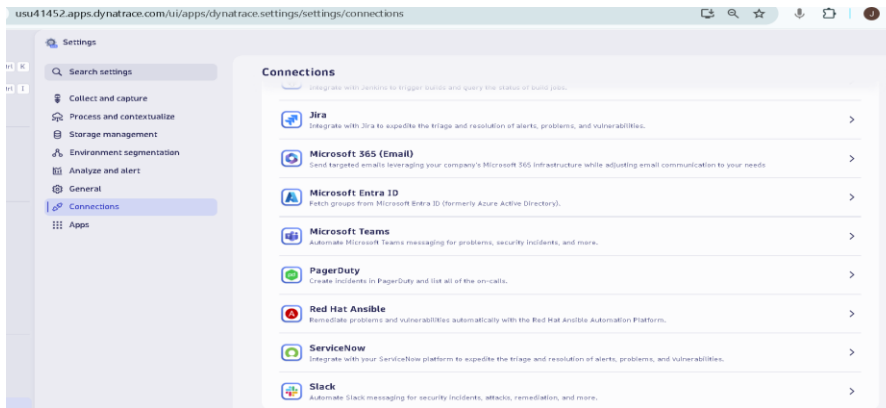
Choose the channel to Post message



Click Allow

Copy the Webhook URL.

1. Return to Dynatrace, go to **Settings** and select **Connections > Connectors > Slack**.



2. Select **Connection**, give your Slack connection a name and paste the OAuth token in **Bot token**.

Connection name : give some name

Bot token : Provide token

Create new connection

For security reasons, Dynatrace blocks outgoing traffic by default. Therefore, you need to add the hosts `slack.com` and `files.slack.com` to the [allow-list](#).

Connection name*

A unique and clearly identifiable connection name for your Slack app.

Bot token*

The bot token obtained from the Slack App Management UI.

Cancel

Create

3. Select **Create**.

Create new connection

For security reasons, Dynatrace blocks outgoing traffic by default. Therefore, you need to add the hosts `slack.com` and `files.slack.com` to the [allow-list](#).

Connection name*

slack

A unique and clearly identifiable connection name for your Slack app.


Bot token*

The bot token obtained from the Slack App Management UI.

Cancel

Create

On the Workflow


send_message_1
↩ Change action


Send a message to a Slack workspace

[Input](#)
[Conditions](#)
[Options](#)
[Sample result](#)

Configure connection

Connection*


slack

 Edit this connection
 + Create a new connection

Details

Channel*

all-sre-team




all-sre-team

dynatrace

social

sre




send_message_1
↩ Change action

Send a message to a Slack workspace

[Input](#)
[Conditions](#)
[Options](#)
[Sample result](#)

Channel*

all-sre-team


Content

Message*

1

this is the alert message received from dynatrace

You can use [Slack Markdown](#) within your message, or paste the result of the [Block Kit Builder](#).

Send Test Messa... 

Reactions

Please select one or multiple reactions

Options

☐ Reply in thread

Post the message on a thread inside the selected channel.

Attachment

+ Attachment

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