

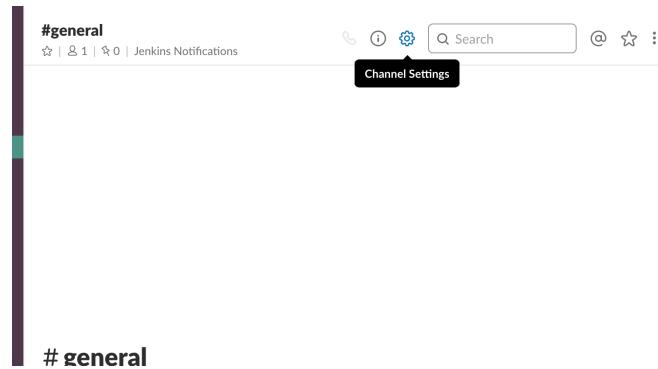
Slack integration for Jenkins

Download & Share @ <https://github.com/Salihz/Jenkins-Setup-for-Slack/>

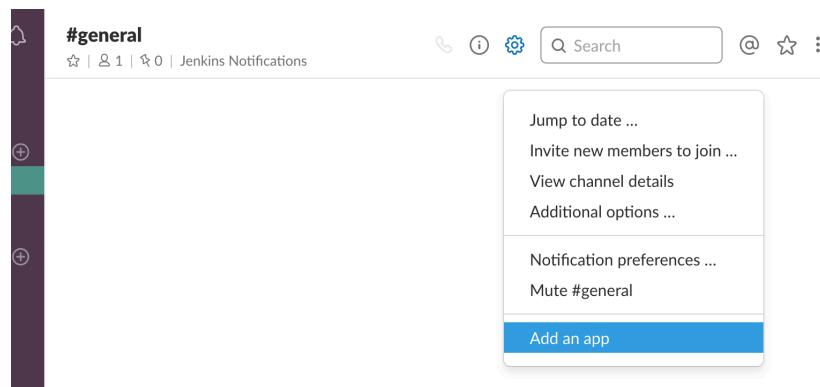
Step 1 - Setup Slack

Create a new channel in Slack for Jenkins Notifications in Slack or use existing.

After you create your slack channel, click on "Channel Settings"

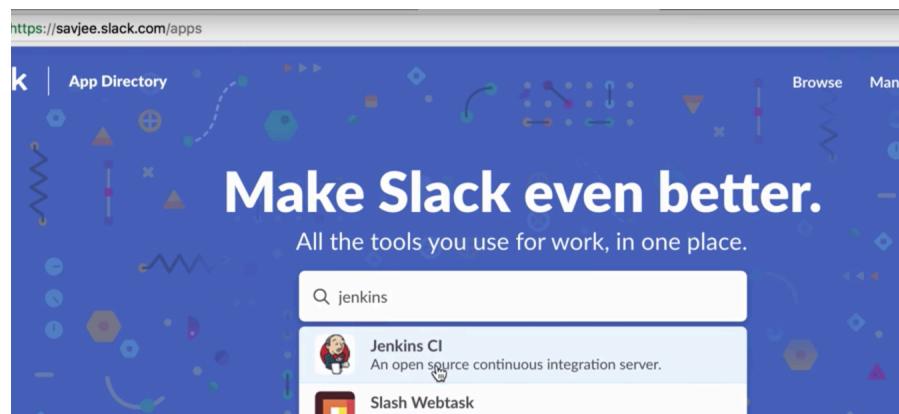


Click on "Add an app"

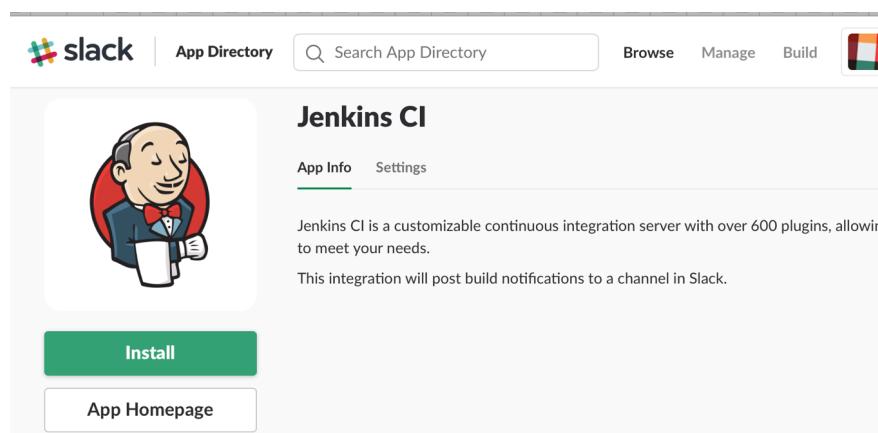


Slack "App Directory" will open where you can install a lot of integrations.

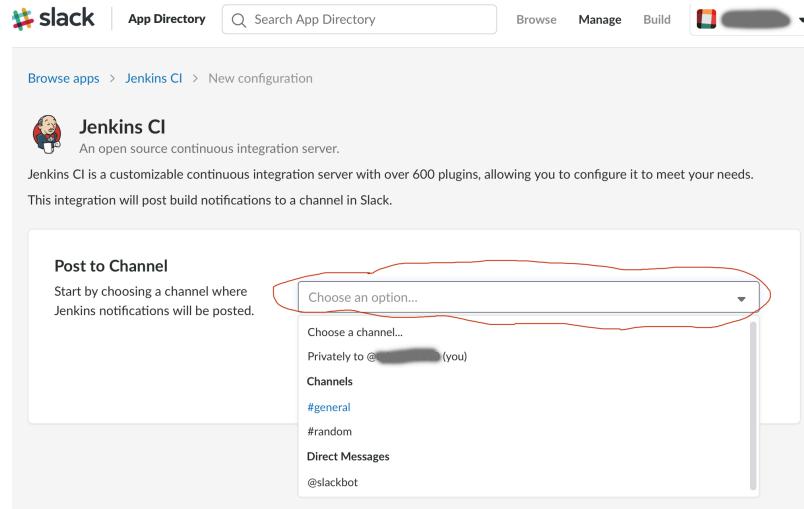
Search for Jenkins:



Click on "Jenkins CI" This will take you to the page where you can Install "Jenkins CI" to integrate Slack.



Click on "Install" button. This will take you to the page where you can give Jenkins for one specific channel for your Slack. See below pic.



Click on the search bar and pick the channel you want to integrate from the dropdown list.

Then click on "Add Jenkins CI Integration" button. This will take you to the "Setup" page.

At the Setup page scroll down to "Step 3"

Copy the "Base URL"

Step 3

After it's installed, click on **Manage Jenkins** again in the left navigation, and then go to **Configure System**. Find the **Global Slack Notifier Settings** section and add the following values:

- Base URL: <https://calmseasjenkins.slack.com/services/hooks/jenkins-ci/>
- Integration Token: ff5tGFCx2gBG1vPEJmb7RG8

The other fields are optional. You can click on the question mark icons next to them for more information. Press **Save** when you're done.

Note: Please remember to replace the example Base URL and Integration Token in the screenshot below with your own.

Global Slack Notifier Settings

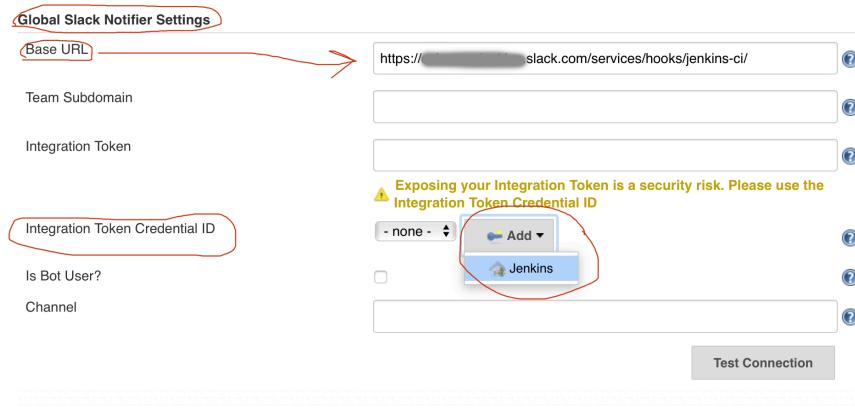
Base URL	<input type="text" value="https://subdomain.slack.com/services/hooks/jenkins-ci/"/>
Team Subdomain	<input type="text"/>
Integration Token	<input type="text" value="JEyoMIPKa5yUDKV9nCUaJDH"/> <small>⚠ Exposing your Integration Token is a security risk. Please use the Integration Token Credential ID</small>
Integration Token Credential ID	<input type="button" value="none"/> <input type="button" value="Add"/>
Is Bot User?	<input type="checkbox"/>
Channel	<input type="text"/>

Test Connection

Save **Apply**

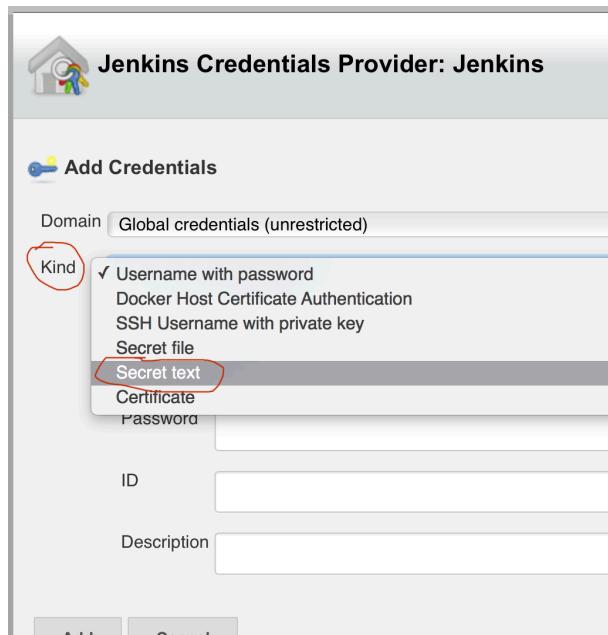
Step 2 - Jenkins Configuration

Go to your Jenkins configuration page and paste the "Base URL" that you copied under "Global Slack Notifier Settings" Base URL section.



For "Integration Token" we will follow a more secure way than just pasting the Integration Token to the "Integration Token" field.
We will use "Integration Token Credential ID".

Therefore, click on "Add" drop down button and select "Jenkins"
At the next page click on "Kind" drop down list and select " Secret text"



Then paste your "Integration Token" in the "Secret" field.

The screenshot shows the Jenkins Credentials Provider interface. A new credential is being created with the following details:

- Domain:** Global credentials (unrestricted)
- Kind:** Secret text
- Scope:** Global (Jenkins, nodes, items, all child items, etc)
- Secret:** A red box highlights the "Secret" field containing a long string of dots (...).
- ID:** Jenkins-slack-integration
- Description:** Token to push notification to Slack

At the bottom, the "Add" button is highlighted with a red circle.

For "ID" and "Description" fields you can type anything meaningful.
Click on "Add" button.

At the next step, you need to pick the token by its "Description" from the drop-down list.

The screenshot shows the Global Slack Notifier Settings dialog. The "Integration Token Credential ID" dropdown is highlighted with a red box, showing the option "Token to push notification to Slack" selected.

Other settings visible include:

- Base URL: https://calmseasjenkins.slack.com/services/hooks/jenkins-ci/
- Team Subdomain: (empty)
- Integration Token: (empty)
- Is Bot User?: (checkbox)
- Channel: (empty)

A note at the top right says: "⚠️ Exposing your Integration Token is a security risk. Please use the Integration Token Credential ID".

Note: Previously I created a different channel but it was a private channel. Now I created a public channel called "builds" and use it. You can also choose "#General" or "#Random" channels. It's up to you.

You can go back to Slack Jenkins Configuration section and create a new channel called #builds or select another one from the drop-down list.

Integration Settings

Post to Channel

Notifications that come in from Jenkins CI will be posted here.

#builds

or [create a new channel](#)

Token

Go back to Jenkins configuration and type the channel name you like to use. In this case we are using "builds" channel.

Global Slack Notifier Settings

Base URL: https://calmseasjenkins.slack.com/services/hooks/jenkins-ci/

Team Subdomain:

Integration Token:

⚠️ Exposing your Integration Token is a security risk. Please use the Integration Token Credential ID

Integration Token Credential ID: Token to push notification to Slack

Add

Is Bot User?

Channel: builds

Previously I created a different channel but it was a private channel. Now I created a public channel called "builds" and use it. You can also choose "#General" or "#Random" channels. It's up to you.

Test Connection

Save Apply

Rest of the fields are optional.

Now hit the "Test Connection" button.
You should see the "Success" message in Jenkins.

Integration Token Credential ID: Token to push notification to Slack

Add

Is Bot User?

Channel: builds

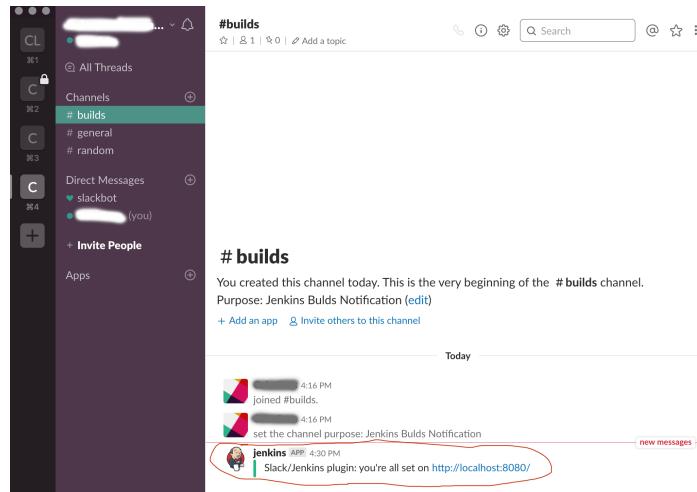
Success

Test Connection

Save Apply

Save the configuration.

Also, you should be receiving a Slack message as below after successful connection configuration.



Step 3 - Configure the Jenkins projects to send messages to slack channel

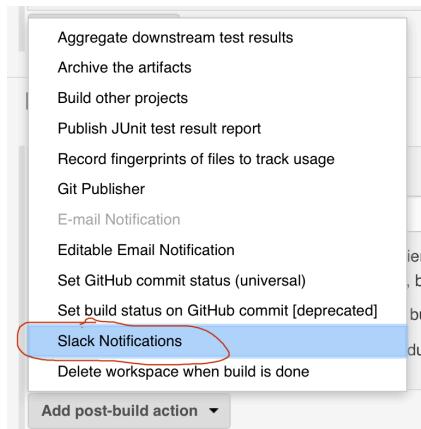
Go to Jenkins, click on a project that you like to send build reports to Slack channel using the Slack integration.

Click on "Configure"

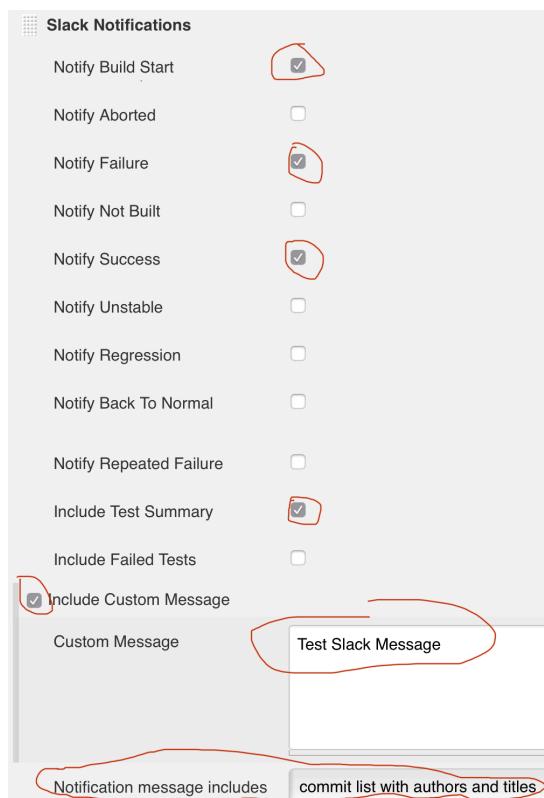
At the configuration page of the project scroll down to "Add post-build action"

A screenshot of the Jenkins 'Post-build Actions' configuration page. At the top, a section titled 'E-mail Notification' is visible, with a recipient email address entered as '...@gmail.com'. Below this, there are two checked checkboxes: 'Send e-mail for every unstable build' and 'Send separate e-mails to individuals who broke the build'. At the bottom of the configuration panel, there is a button labeled 'Add post-build action' with a dropdown arrow, which is also circled in red.

From drop-down list select "Slack Notifications"



At the next page you can just select the default buttons you want or click on "Advance" and add other fields such as "Include Test Summary", "Include Custom Message", "Notification Message Includes", etc...



Save the configuration and trigger a new build. You should be receiving the report to your slack. As below picture.

M [REDACTED] Dom - #51 Started by user SK ([Open](#))
This is your Jenkins Slack integration test message.

[REDACTED] Dom - #51 Success after 5.1 sec ([Open](#))
No Tests found.
This is your Jenkins Slack integration test message.

[REDACTED] No Changes.

Note: You should be also receiving email notification as well whenever the build triggered if you also configure the email notification.

-End-