Send notification to slack from the Jenkins CI Job and Jenkinsfile

Installation of Slack Notification Plugin :

In your Jenkins dashboard, click on Manage Jenkins from the left navigation.

Navigate to **Manage Plugins**

Click on the tab name as **Available**

Search for **Slack Notification**

create channel in slack :

create new channel : jenkins-alerts-pfe-2023

Jenkins CI App installation in Slack:

Go to slack app and search for **Jenkins CI**

Click on the Add to Slack button

Now select the channel (jenkins-alerts-pfe-2023) and click on the **Add Jenkins CI Integration**

Copy the **Token** from the **Jenkins CI** Page and Click on the **Save Setting** button at the bottom

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Slack notification plugin configuration in Jenkins:

Add credentiel in jenkins : jenkins-slack

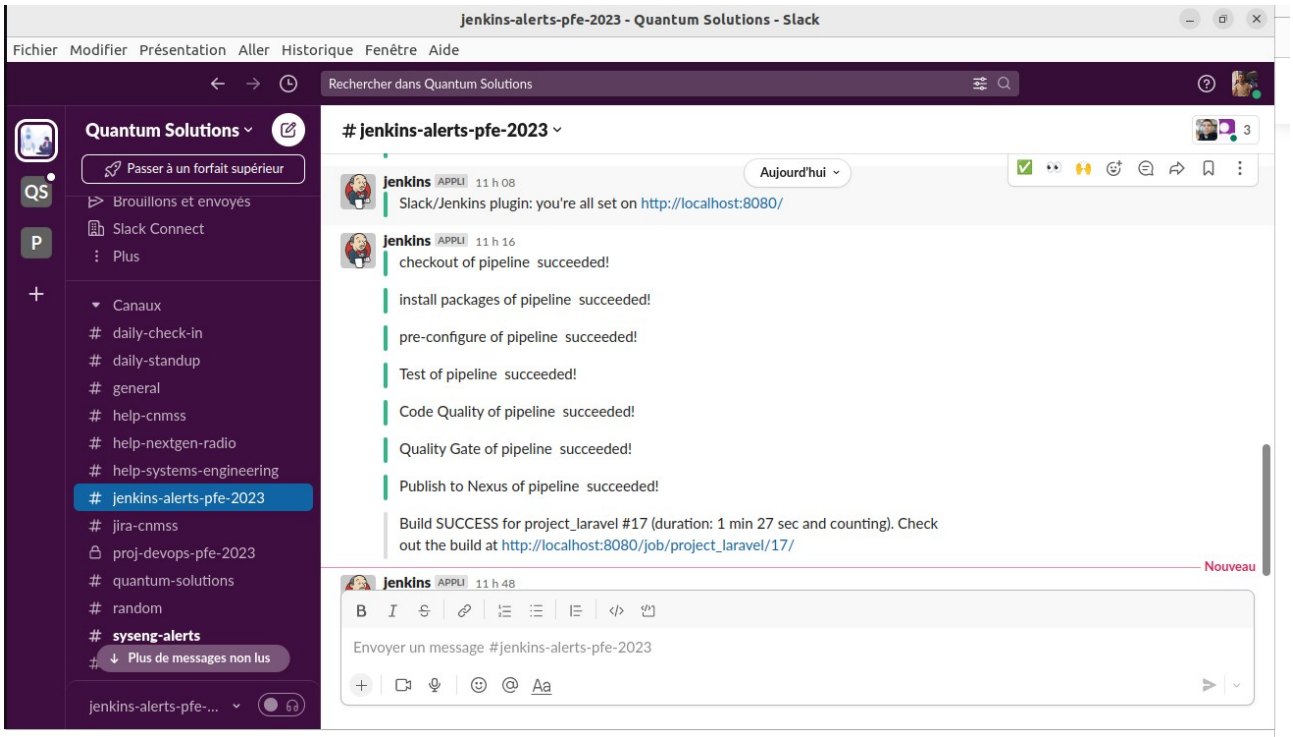
Click on Manage Jenkins again in the left navigation and then click to Configure system.

Find the Slack section and add the following values

Workspace : quantumsolutions-corp

Credential: jenkins-slack

Click on the Test connection button to test the notification in the slack channel. Below is the sample notification




```
post {
        success {
          slackSend (color: 'good', message: "checkout of pipeline succeeded!")
        }
        failure {
          slackSend (color: 'danger', message: "checkout  of pipeline failed!")
        }
      }
post {
```

```
    success {
        slackSend channel: '#jenkins-alerts-pfe-2023', message: "Build ${currentBuild.result} for ${env.JOB_NAME} #${env.BUILD_NUMBER} (duration: ${currentBuild.durationString}). Check out the build at ${env.BUILD_URL}"
    }
    failure {
        slackSend channel: '#jenkins-alerts-pfe-2023', message: "Build ${currentBuild.result} for ${env.JOB_NAME} #${env.BUILD_NUMBER} (duration: ${currentBuild.durationString}). Check out the build at ${env.BUILD_URL}"
    }
  }


stage ("started "){
        steps {
          slackSend channel: "#jenkins-alerts-pfe-2023", message: " STARTED:job  '${env.JOB_NAME} ${env.BUILD_NUMBER}' (${env.BUILD_URL})"
        }
    }
```