

Lesson 06 Demo 05

Setting up Poll SCM Configuration in Jenkins

Objective: To set up poll SCM configuration in Jenkins for automating build triggering and optimizing resource usage on Jenkins servers

Tools required: Jenkins

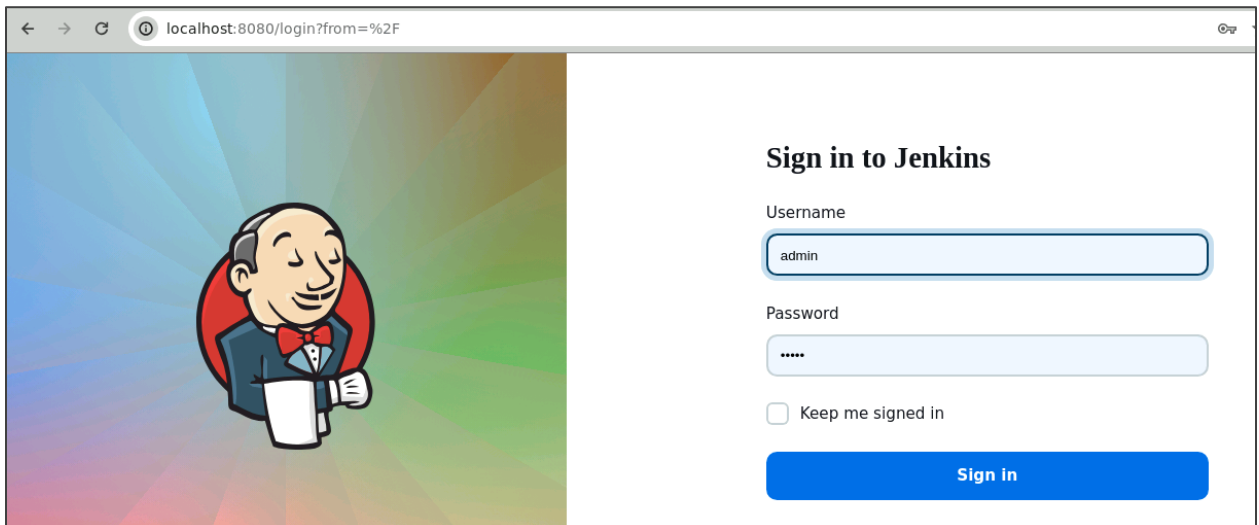
Prerequisites: You need to have a Jenkins up and running.

Steps to be followed:

1. Log in to the Jenkins CI tool and set up poll SCM configuration

Step 1: Log in to the Jenkins CI tool and set up poll SCM configuration

1.1 Log in to Jenkins using the credentials

A screenshot of a web browser showing the Jenkins login page. The browser's address bar displays 'localhost:8080/login?from=%2F'. The page features a large illustration of a smiling man in a tuxedo on the left. On the right, there is a 'Sign in to Jenkins' section with input fields for 'Username' (containing 'admin') and 'Password' (masked with dots). Below these fields is a checkbox labeled 'Keep me signed in' and a blue 'Sign In' button.

← → ↻ localhost:8080/login?from=%2F

Sign in to Jenkins

Username
admin

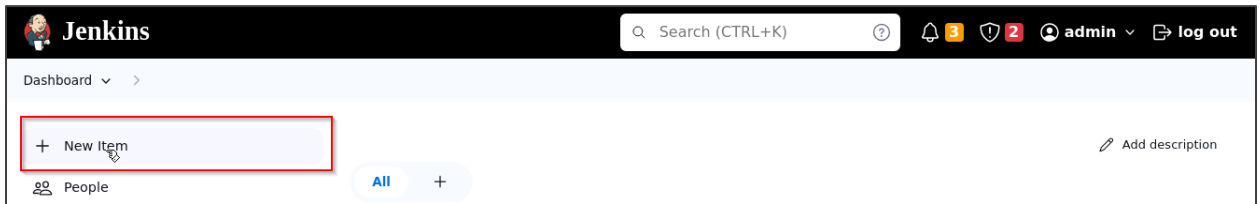
Password
.....

☐ Keep me signed in

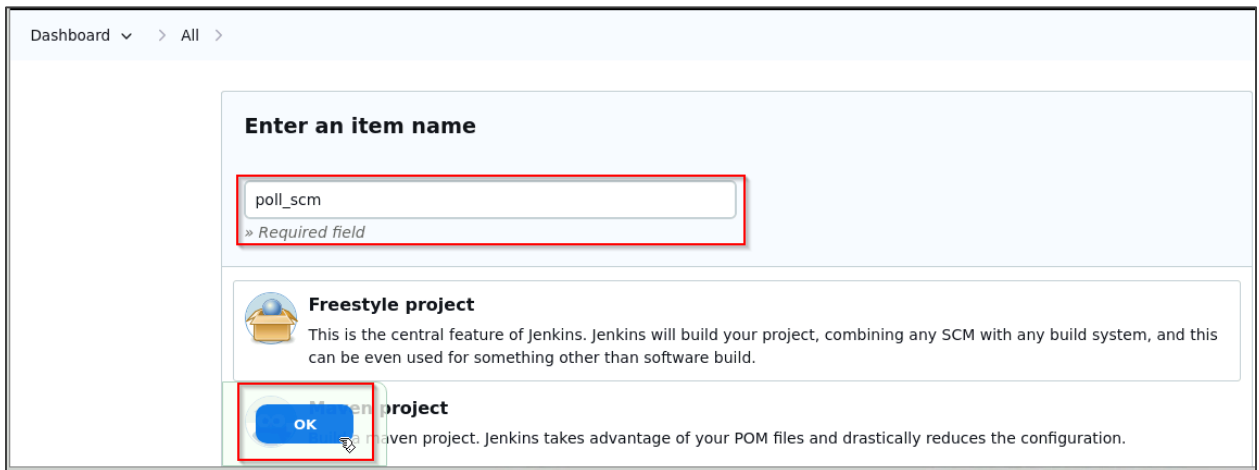
Sign In

Note: The credentials for accessing Jenkins in the lab are Username: **admin** and Password: **Root123\$**.

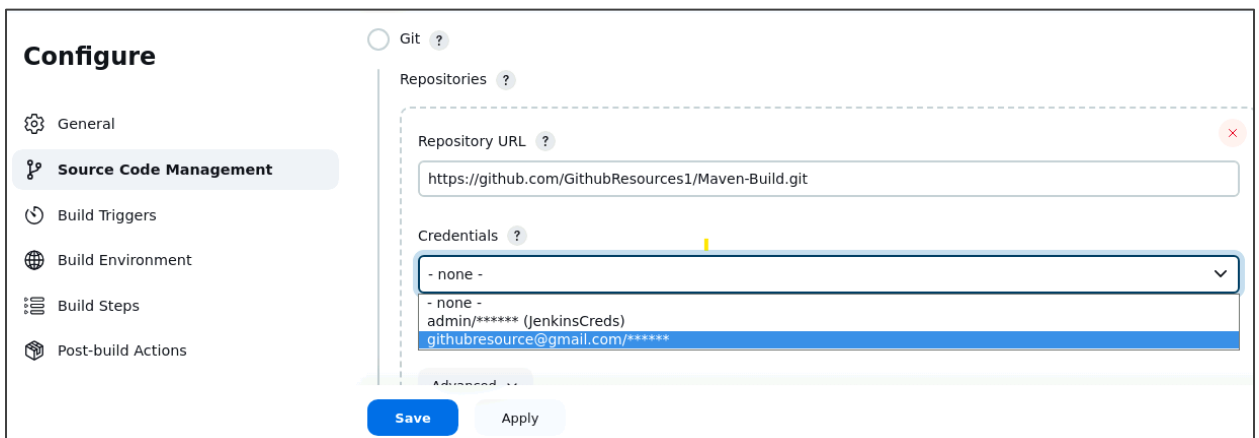
1.2 In the Jenkins dashboard, click on **New Item**



1.3 Select the **Freestyle project** while creating a Jenkins job, provide a custom job name, and click on **OK**

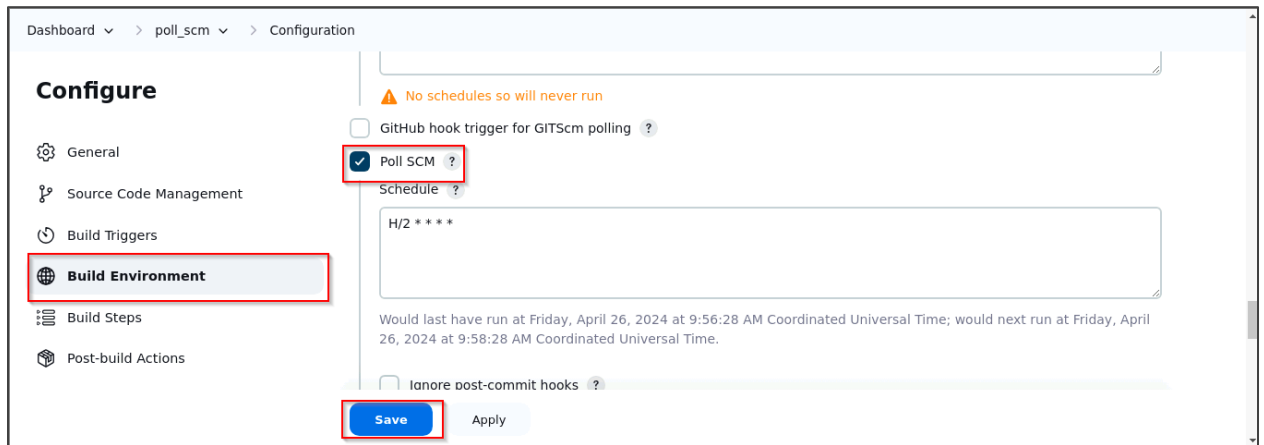


1.4 Now, in the Configure page, navigate to **Source Code Management** from the left navigation bar, select **Git**, and then provide the Git repository URL

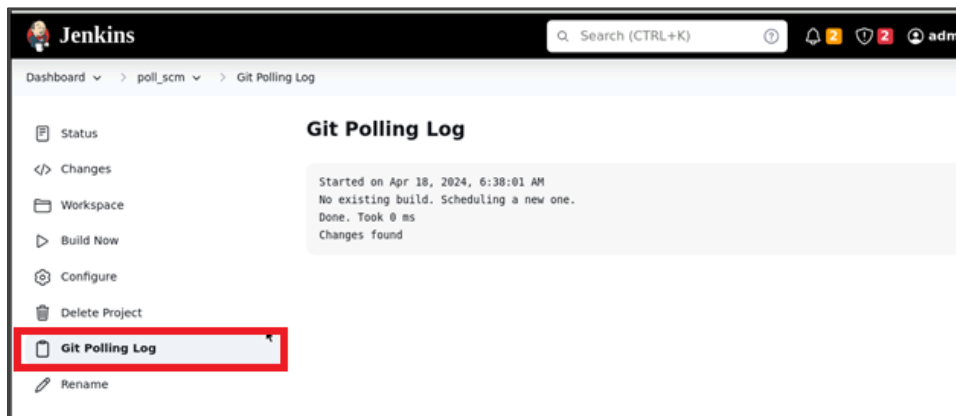


Note: Here, the repository URL is **https://github.com/GithubResources1/Maven-Build.git**.

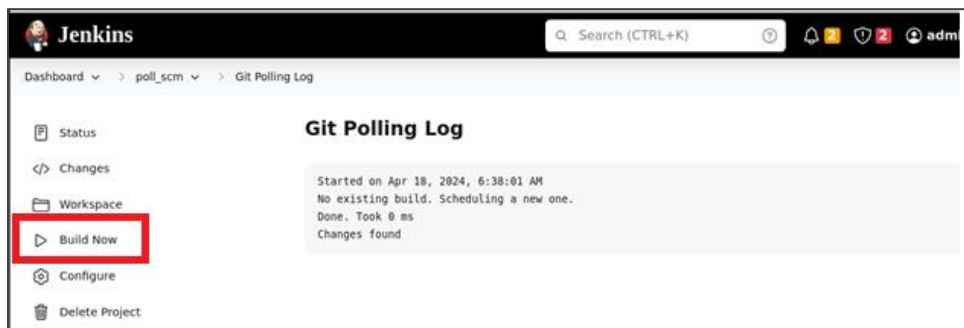
1.5 Now, navigate to **Build Environment**, click on **Poll SCM**, provide **H/2****** under the **Schedule** section, and then click on **Save**



1.6 You will be directed to the poll scm project after clicking on Save. Now, click on **Git Polling Log** from the left navigation bar.



1.7 Then, click on **Build Now** to configure a build, and you will be able to view the successful build in the **Console output** section.



You can see that the build is configured successfully.

By following these steps, you have successfully set up poll SCM configuration in Jenkins for automating build triggering and optimizing resource usage on Jenkins servers.