13. Demonstrate how Postman is used with Jenkins.

To use Postman in Jenkins, you can use the Postman Integration Plugin. This plugin allows you to run Newman, the Postman command-line runner, from within Jenkins.

To install the Postman Integration Plugin, go to Manage Jenkins > Manage Plugins and search for "Postman Integration". Click the Install button to install the plugin.

Once the plugin is installed, you can create a new Jenkins job to run your Postman collection. To do this, go to New Item and select Postman Job.

In the Job Name field, enter a name for your job. In the Collection field, select the Postman collection that you want to run. In the Environment field, select the Postman environment that you want to use.

You can also configure other options for your job, such as the Exit Code handling and the Post-build Actions.

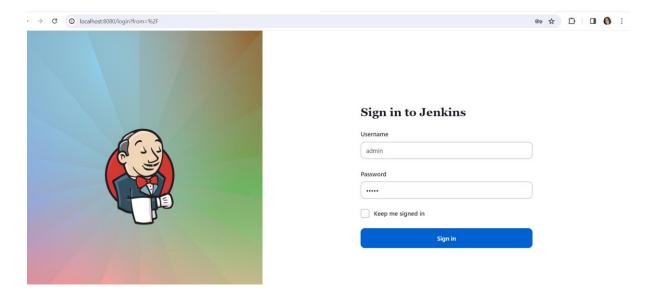
Once you have configured your job, click the Save button.

To run your job, click the Build Now button. Jenkins will run Newman to execute your Postman collection.

You can view the results of the job in the Jenkins console. The console will show you the status of each request in the collection.

You can also use the Postman Integration Plugin to generate reports from your Postman collection runs. To do this, click the Generate Reports button in the Jenkins console.

The Postman Integration Plugin is a powerful tool that can help you to automate your API testing with Postman and Jenkins.



Plugins

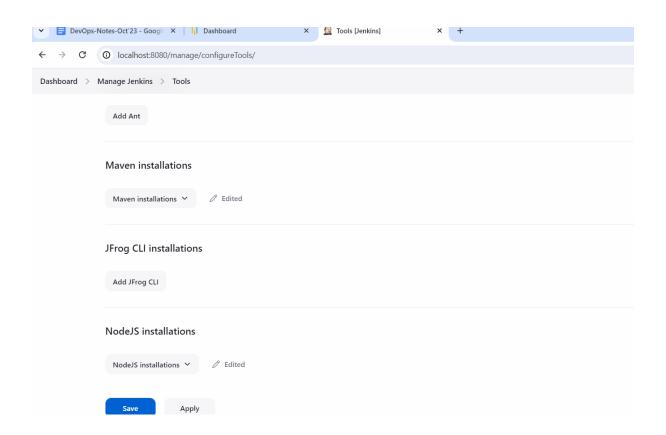
Q nodejs

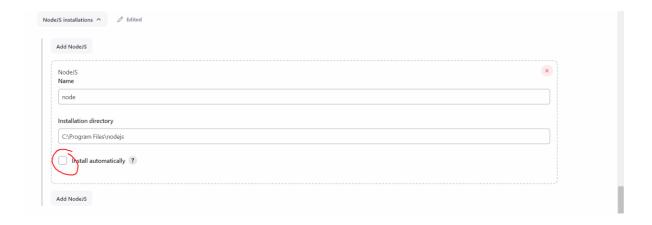
Name ↓

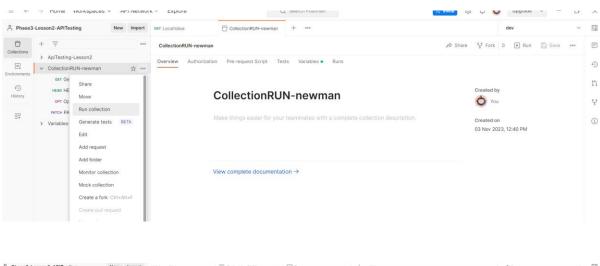
NodeJS Plugin 1.6.1

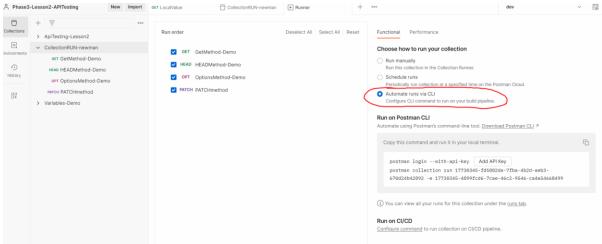
NodeJS Plugin executes NodeJS script as a build step.

Report an issue with this plugin

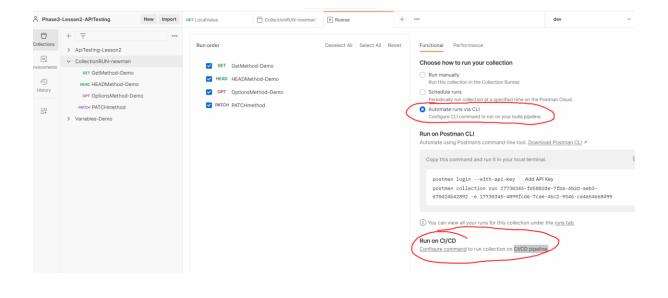


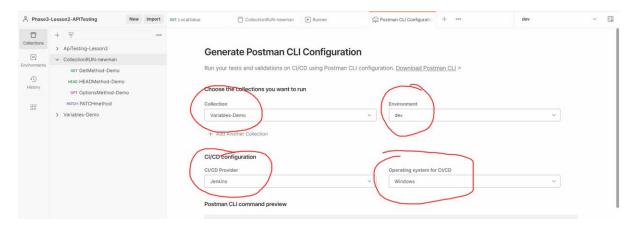


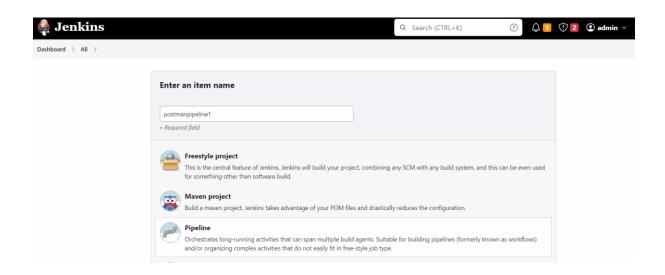




Click on configure command







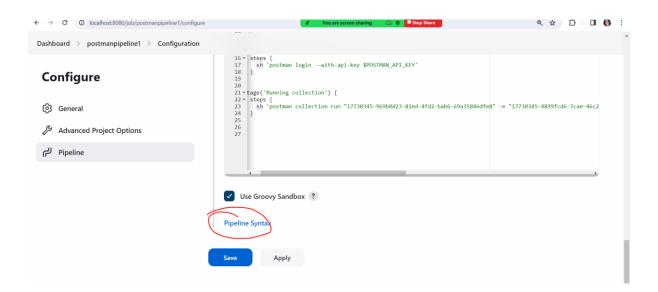
Now copy the entire script form postman

```
Copy this command and paste it to your build configuration file

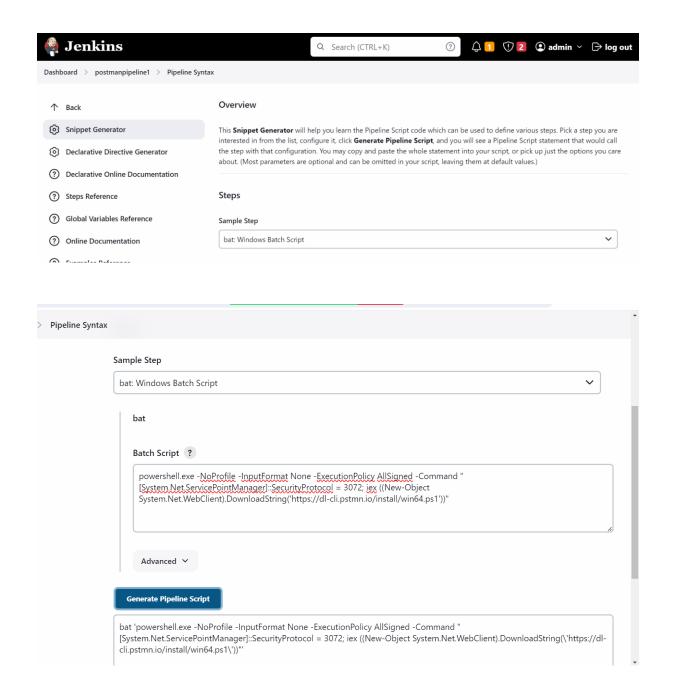
2  # AINSTALL RISE SERVET ON A WARROUND MECHANIC BY TOTAL WARROUND MECHANIC BY TOTAL BY THE SERVET ON A WARROUND MECHANIC BY TOTAL BY THE SERVET ON A WARROUND MECHANIC BY TOTAL BY THE SERVET ON A WARROUND MECHANIC BY TOTAL BY THE SERVET ON A WARROUND MECHANIC BY THE SERVET ON A
```

Copy this pipeline in Jenkins Job

Click on Pipeline syntax



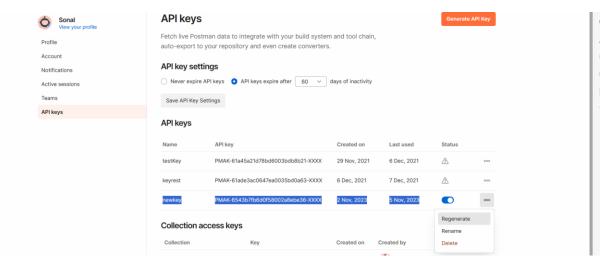
Here select windows batch script

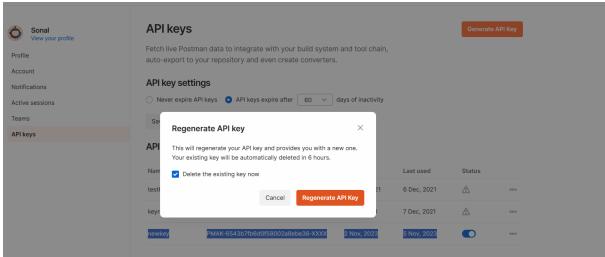


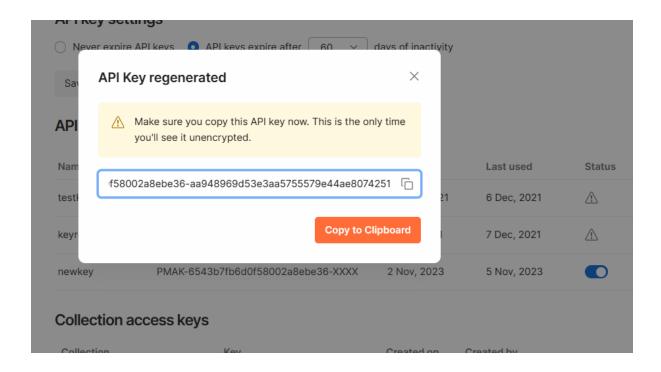
Now go to jenkisn job.. remove the sh command in first stage and add the bta command



Get the api key from postman







Go to Jenkins pipeline code

Stage 2 -> change sh to bat

And replace \$POSTMAN_API_KEY to the actual postman apikey value

```
Dashboard > postmanpipeline1 > Configuration
                                                                                                           uy sample ripelilie...
         3 → pipeline {
         4
               tools {nodejs 'node'}
         8 +
               stages {
  stage('Install Postman CLI') {
                  steps {
   bat 'powershell.exe -NoProfile -InputFormat None -ExecutionPolicy AllSigned -Command "[System.Net.Service
        10 =
         11
        12
13
                 stage('Postman CLI Login') {
         15 +
         16 +
                   steps {
    bat 'postman login --with-api-key PMAK-6543b7fb6d0f58002a8ebe36-aa948969d53e3aa5755579e44ae8074251'
         17
         18
```

#