

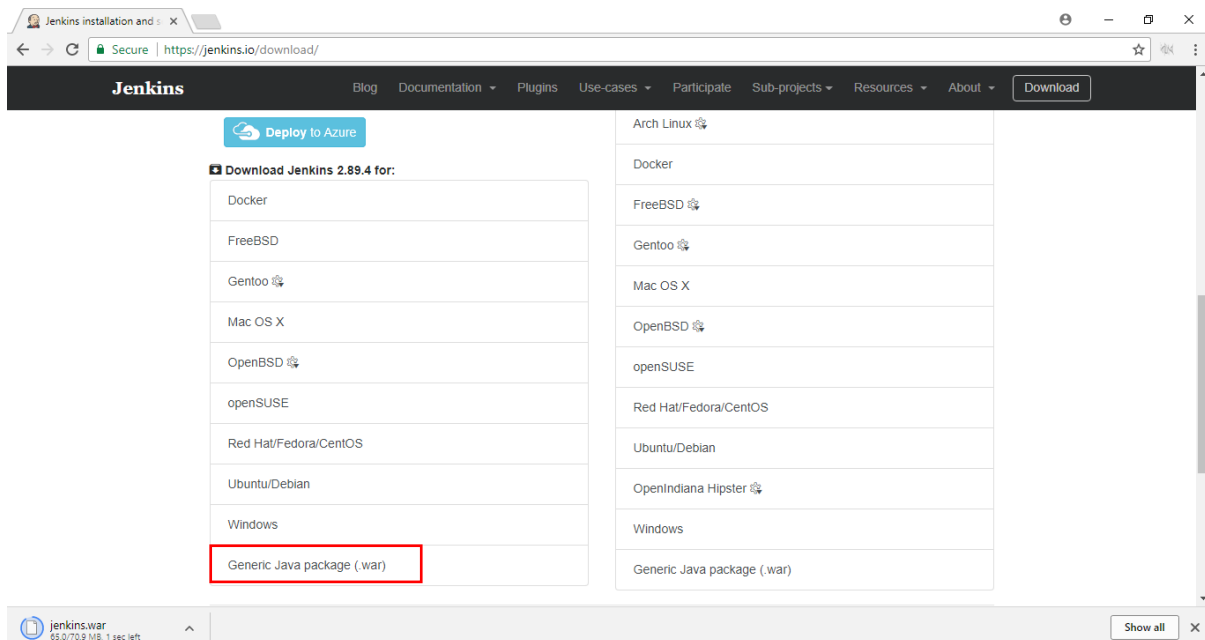
Jenkins Installation

Required Files

- jenkins.war file to run Jenkins on local host (local machine)

Steps to follow:

1. Go to the link and download the war file
2. <https://jenkins.io/download/>

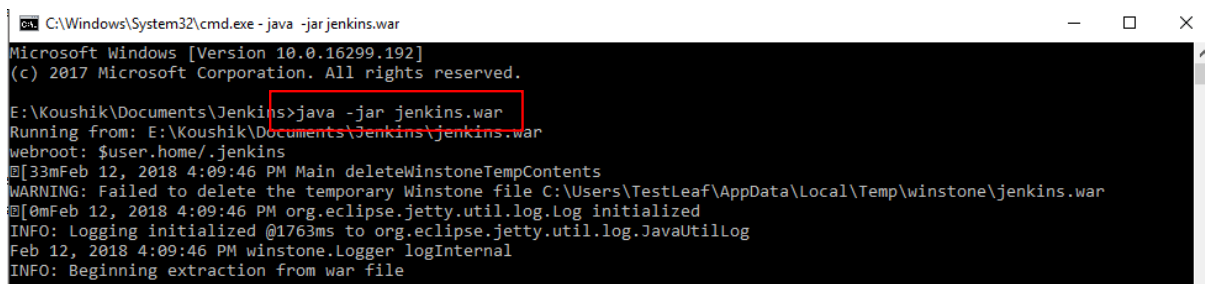


Or also can be downloaded directly by clicking the below link

<http://mirrors.jenkins.io/war-stable/latest/jenkins.war>

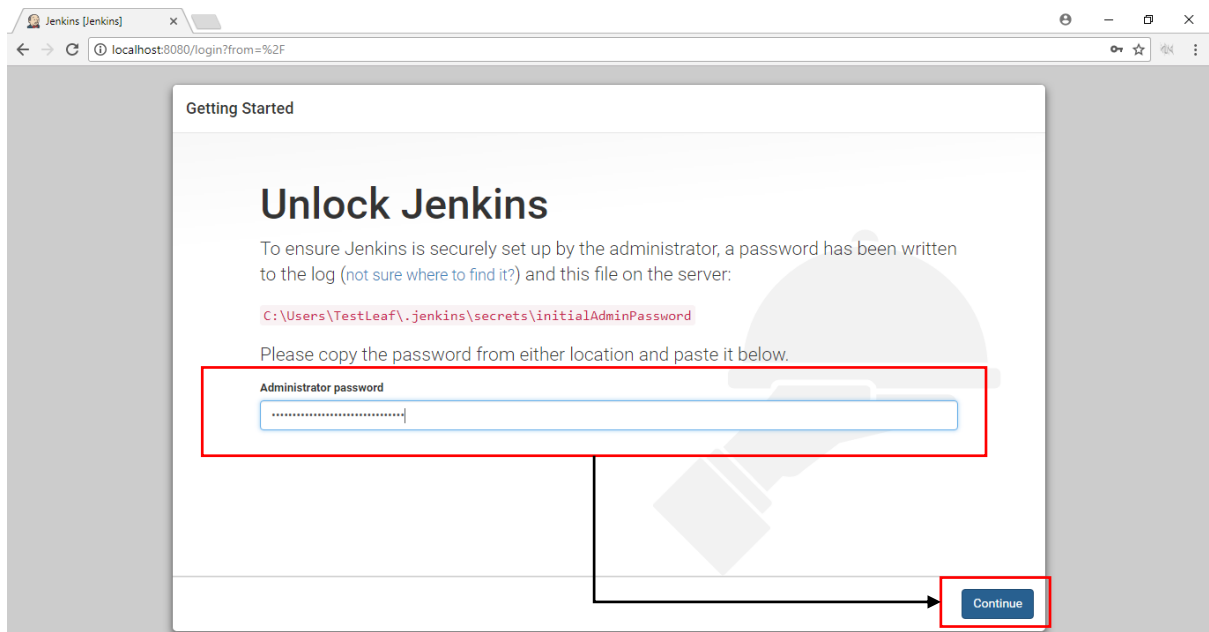
3. After downloading the war file, navigate to the downloaded folder and start command prompt

Type: `java -jar jenkins.war`



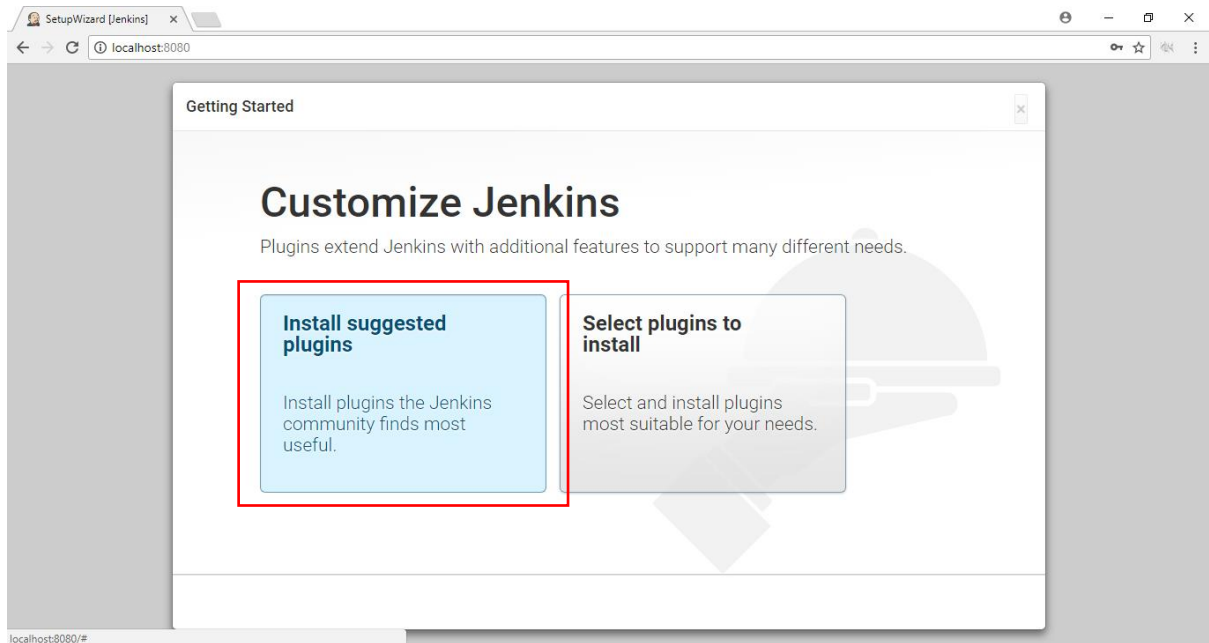
```
C:\Windows\System32\cmd.exe - java -jar jenkins.war
INFO:
*****
*****
*****
Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:
14833cd60da648cd95381ea3d50ff881
This may also be found at: C:\Users\TestLeaf\.jenkins\secrets\initialAdminPassword
*****
*****
*****
Feb 12, 2018 4:11:49 PM hudson.model.UpdateSite updateData
INFO: Obtained the latest update center data file for UpdateSource default
Feb 12, 2018 4:11:51 PM hudson.model.DownloadService$Downloadable load
INFO: Obtained the updated data file for hudson.tasks.Maven.MavenInstaller
Feb 12, 2018 4:11:53 PM hudson.model.UpdateSite updateData
INFO: Obtained the latest update center data file for UpdateSource default
Feb 12, 2018 4:11:53 PM hudson.WebAppMain$3 run
INFO: Jenkins is fully up and running
Feb 12, 2018 4:11:55 PM hudson.model.DownloadService$Downloadable load
INFO: Obtained the updated data file for hudson.tools.JDKInstaller
Feb 12, 2018 4:11:55 PM hudson.model.AsyncPeriodicWork$1 run
INFO: Finished Download metadata. 25,706 ms
```

4. Open Chrome browser
5. Type the url - localhost:8080 and type the password shown in the console (Copy & paste the password) – *Highlighted in yellow color on the above snap*

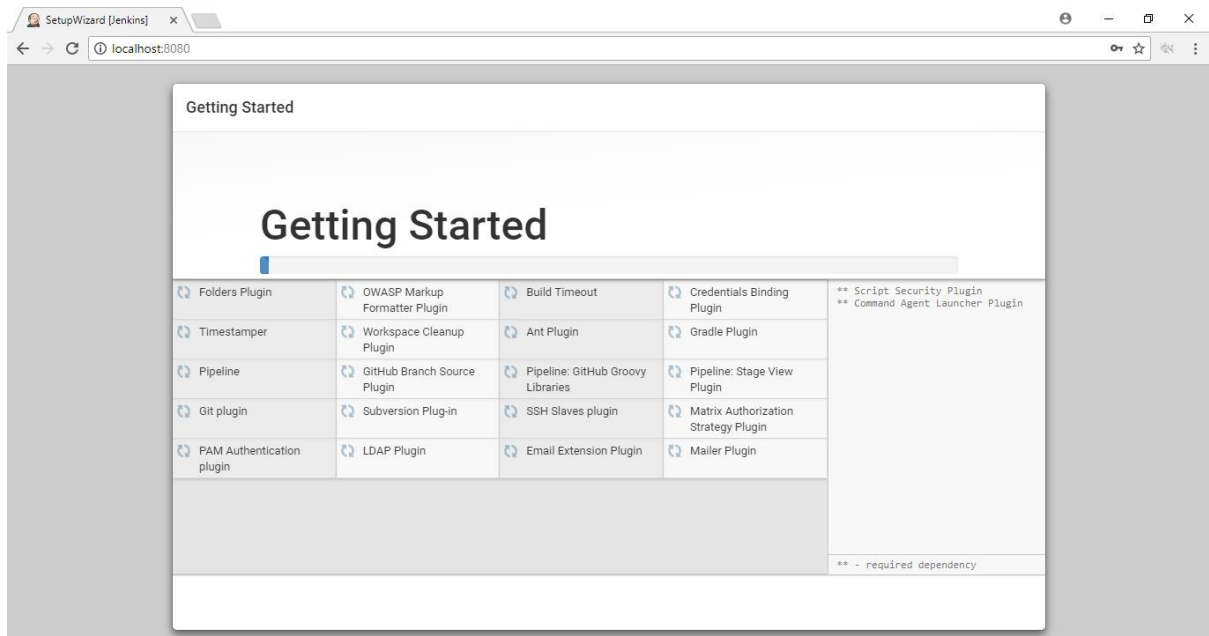


6. Click Continue

7. Click Install Suggested plugins

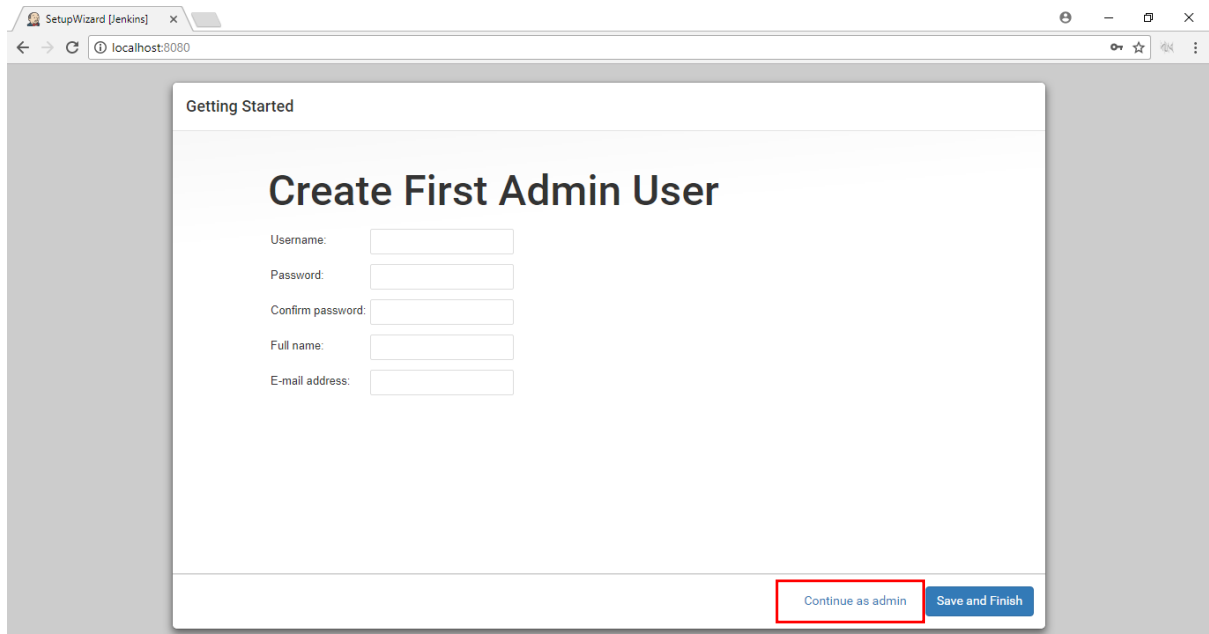


Installation of plugins will take some time, depending upon the internet connectivity speed

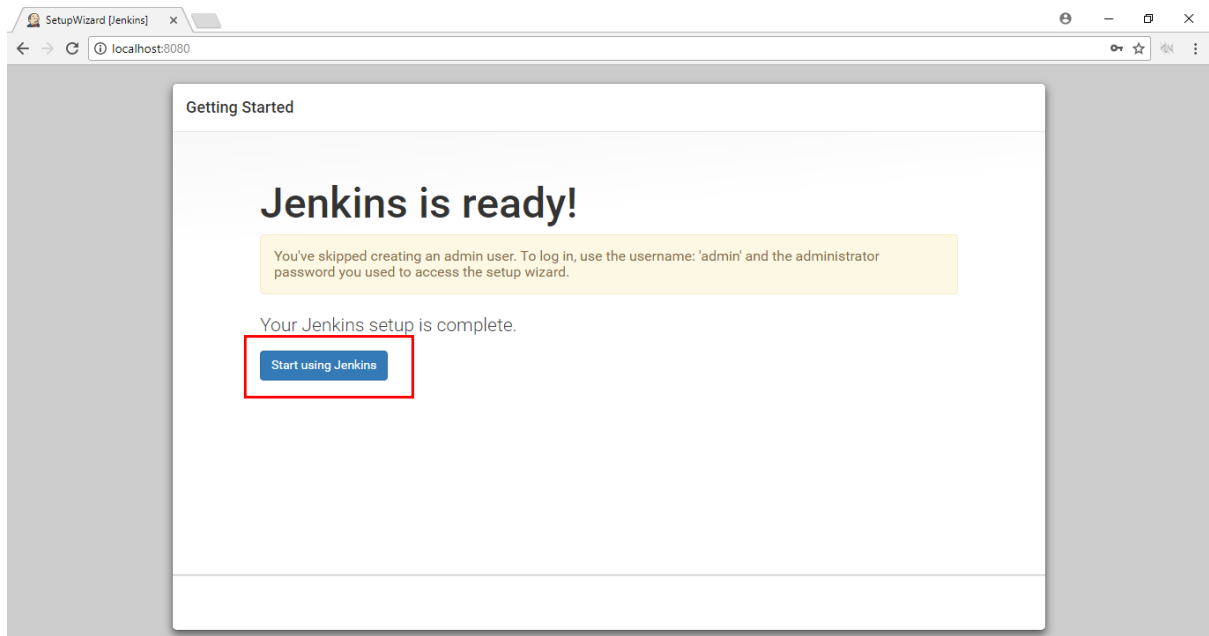


Once plugins are installed successfully,

8. Click Continue as admin



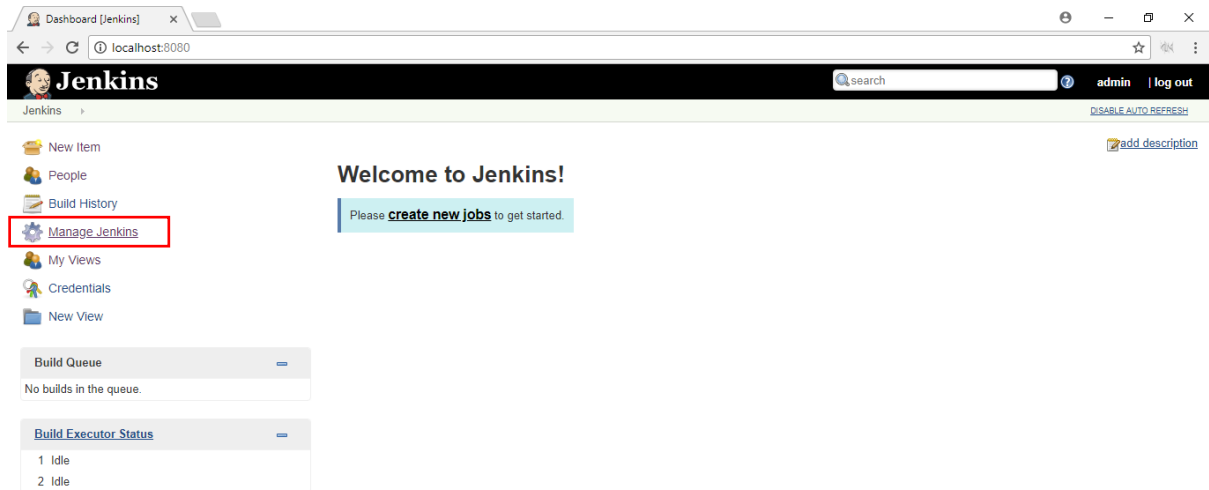
The screenshot shows the Jenkins Setup Wizard 'Getting Started' page. The page title is 'Getting Started'. The main heading is 'Create First Admin User'. Below the heading are five input fields: 'Username:', 'Password:', 'Confirm password:', 'Full name:', and 'E-mail address:'. At the bottom right, there are two buttons: 'Continue as admin' (highlighted with a red box) and 'Save and Finish'.



The screenshot shows the Jenkins Setup Wizard 'Getting Started' page. The page title is 'Getting Started'. The main heading is 'Jenkins is ready!'. Below the heading is a yellow box containing the text: 'You've skipped creating an admin user. To log in, use the username: 'admin' and the administrator password you used to access the setup wizard.' Below this is the text 'Your Jenkins setup is complete.' and a button 'Start using Jenkins' (highlighted with a red box).

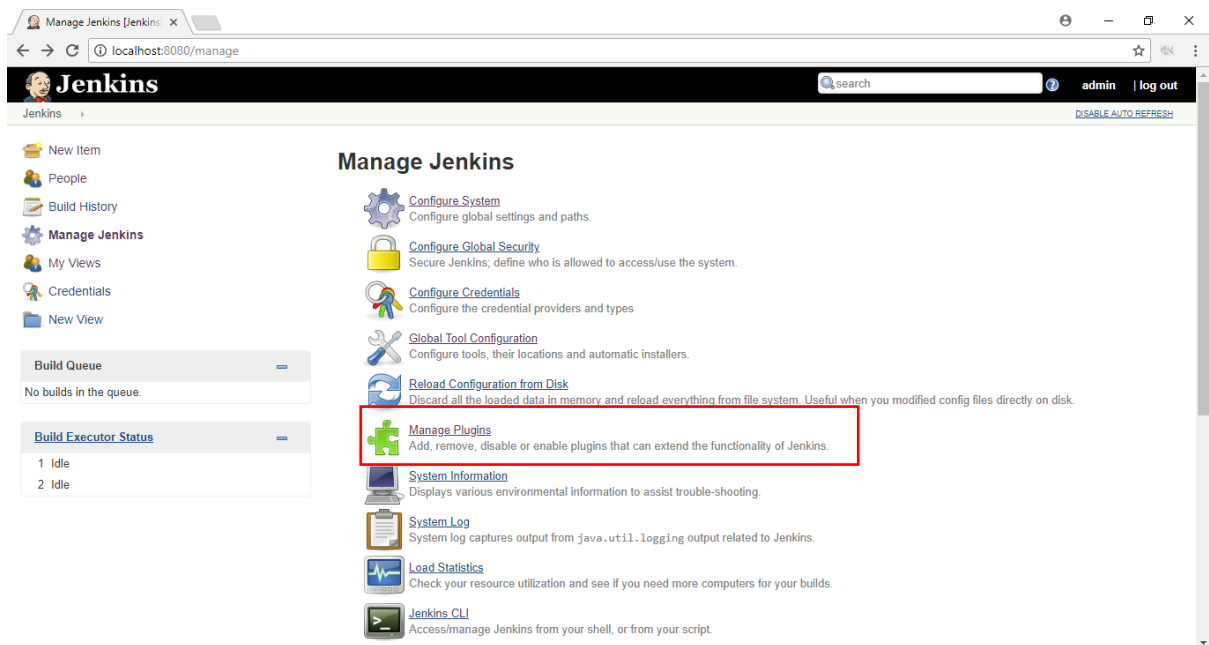
Click Start using Jenkins

9. Click on Manage Jenkins



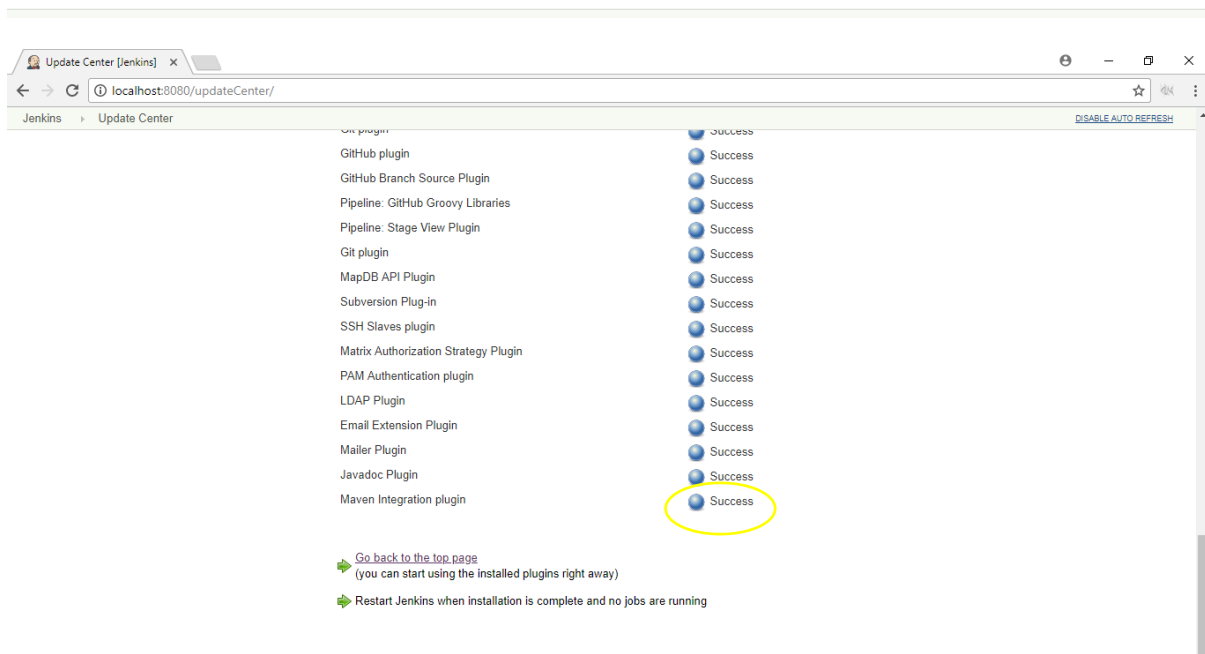
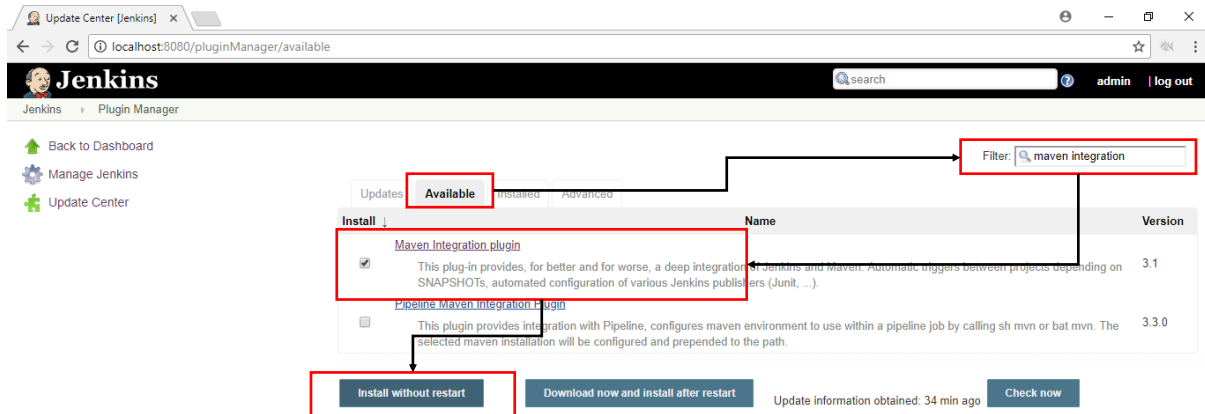
A screenshot of the Jenkins Dashboard in a web browser. The browser address bar shows 'localhost:8080'. The Jenkins logo is in the top left, and a search bar, 'admin' link, and 'log out' link are in the top right. On the left sidebar, 'Manage Jenkins' is highlighted with a red rectangle. The main content area has a 'Welcome to Jenkins!' message with a button that says 'Please create new jobs to get started.' Below this, there are two expandable sections: 'Build Queue' (showing 'No builds in the queue.') and 'Build Executor Status' (showing two 'Idle' executors).

10. Click on Manage Plugins



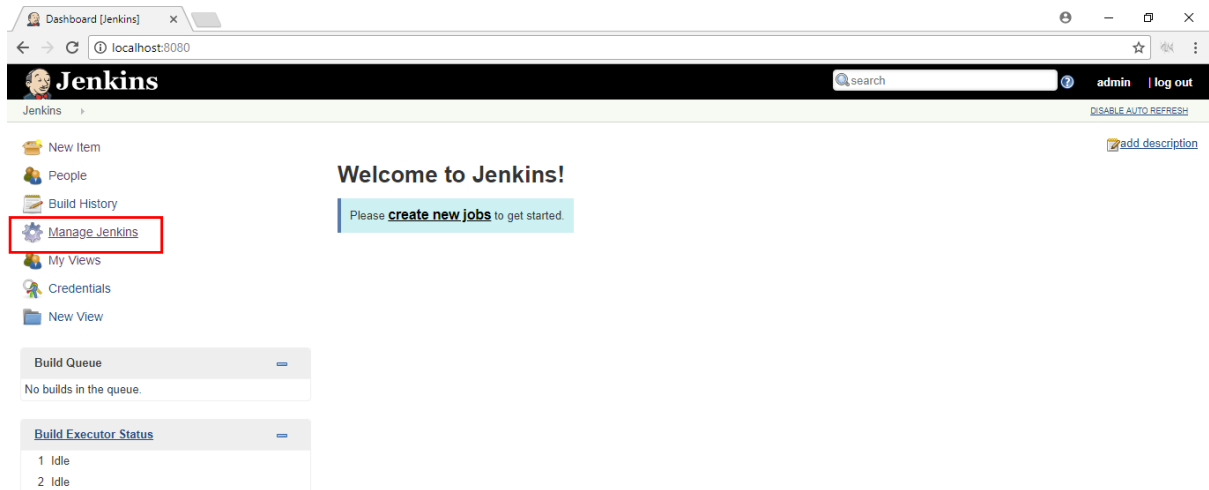
A screenshot of the 'Manage Jenkins' page in a web browser. The browser address bar shows 'localhost:8080/manage'. The Jenkins logo is in the top left, and a search bar, 'admin' link, and 'log out' link are in the top right. On the left sidebar, 'Manage Jenkins' is highlighted with a red rectangle. The main content area is titled 'Manage Jenkins' and lists several configuration options, each with an icon and a description. 'Manage Plugins' is highlighted with a red rectangle. The options listed are: 'Configure System' (gear icon), 'Configure Global Security' (lock icon), 'Configure Credentials' (key icon), 'Global Tool Configuration' (wrench icon), 'Reload Configuration from Disk' (refresh icon), 'Manage Plugins' (puzzle piece icon), 'System Information' (monitor icon), 'System Log' (notepad icon), 'Load Statistics' (line graph icon), and 'Jenkins CLI' (terminal icon).

11. Click on Available
12. Click on search field and type maven integration and press enter
13. Check on Maven Integration plugin
14. Click on Install without restart

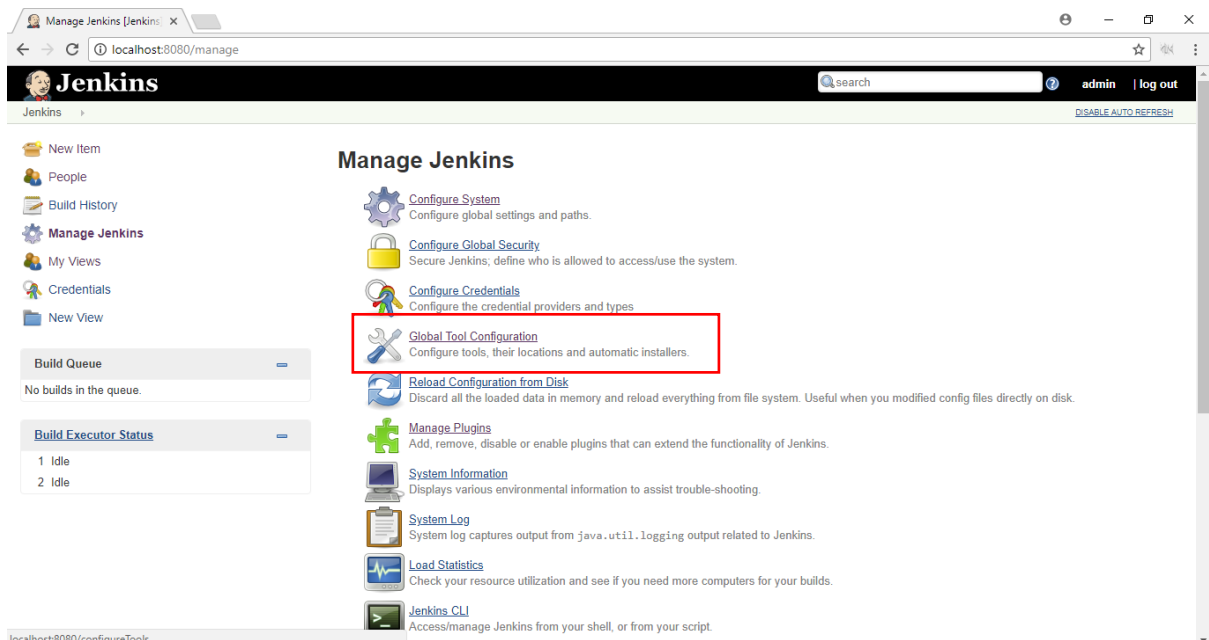


Once download is over and plugin got installed

15. Click Manage Jenkins



16. Click Global Tool Configurations

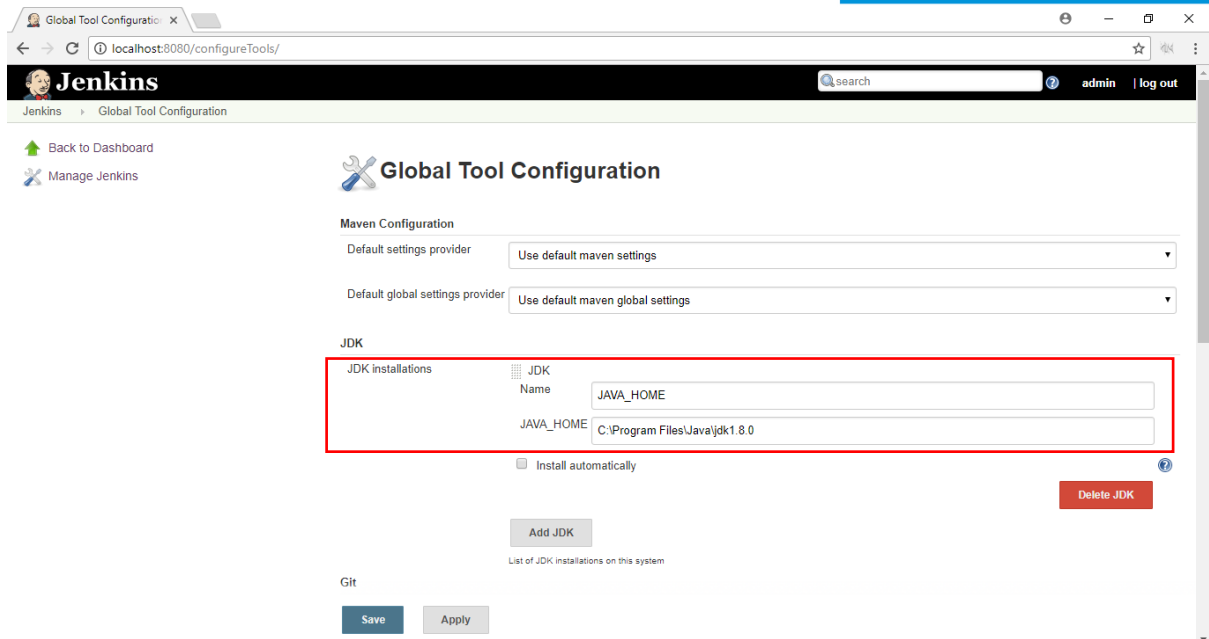


17. Set Path for JDK

18. Uncheck Install Automatically (To make appear the textbox)

19. Type JAVA_HOME as name

20. Paste the path of jdk



Global Tool Configuration

Maven Configuration

Default settings provider: Use default maven settings

Default global settings provider: Use default maven global settings

JDK

JDK installations

JDK
Name: JAVA_HOME JAVA_HOME: C:\Program Files\Java\jdk1.8.0

☐ Install automatically

[Delete JDK](#)

[Add JDK](#)

List of JDK installations on this system

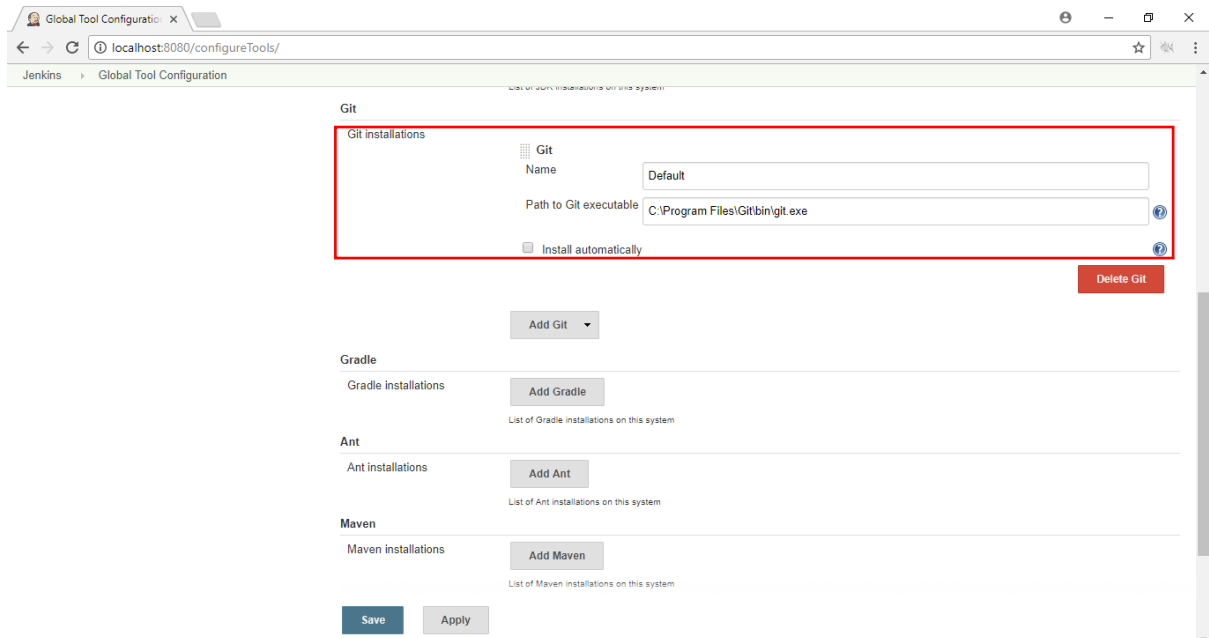
Git

[Save](#) [Apply](#)

21. Set path for Git

22. Uncheck Install Automatically

(Please refer Git installation Guide to install Git, if git is not already installed)



Global Tool Configuration

Git

Git installations

Git
Name: Default Path to Git executable: C:\Program Files\Git\bin\git.exe

☐ Install automatically

[Delete Git](#)

[Add Git](#)

Gradle

Gradle installations

[Add Gradle](#)

List of Gradle installations on this system

Ant

Ant installations

[Add Ant](#)

List of Ant installations on this system

Maven

Maven installations

[Add Maven](#)

List of Maven installations on this system

[Save](#) [Apply](#)

23. Similarly set path for Maven

(Refer Maven Installation guide)

24. Uncheck Install Automatically

Global Tool Configuration

localhost:8080/configureTools/

Saved

Delete Git

Add Git

Gradle

Gradle installations

Add Gradle

List of Gradle installations on this system

Ant

Ant installations

Add Ant

List of Ant installations on this system

Maven

Maven installations

Maven	
Name	Default
MAVEN_HOME	C:\Program Files\apache-maven-3.5.2\

☐ Install automatically

Delete Maven

Add Maven

List of Maven installations on this system

2 Save Apply 1

25. Click Apply
26. Click Save
27. Click Logout

Note: If the command prompt is closed Jenkins will not run.

Note: Username: admin
Password:

It can be found in the location C:\Users\((user name))\.jenkins\secrets\initialAdminPassword ->
Right click the file and open with notepad

That's all.

Congratulations

Installation completed.

Thank you!