# **INSTALLING JENKING SERVER ON EC2**

linkedin.com/in/aziz-afoni-811503227/





# **INSTALLING JENKINS SERVER**

- a. Launch an ubuntu AMI
- b. SSH into your instance

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Applications for communities of the state of
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- c. Update the apt repository
  Sudo apt update
- d.Install java jdk
  Sudo apt install openjdk-8-jdk -y
- e.Check the java version to ensure installation Java -version

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# f. Install maven and git

Sudo apt-get install -y maven git

g. Check the Version of Git & Maven

For Git: git --version For Maven: mvn -version

# Download & install Jenkins

Open Jenkins website (https://jenkins.io/download/)
h.Go to Long Term Support

Select Generic Java Package (.war)

We are selecting generic java package file because jenkins will install on those machines where java is already installed. If we have java

install in windows machine jenkins will work. Only pre requirement is java needs to be installed.

For Windows we just need to click on the file and it will download automatically.

For Linux machine enter command wget and paste the url to download the file.

To get the URL right click on generic java package and click on copy link address.

(wget http://mirrors.jenkins.io/warstable/latest/jenkins.war)

wget https://get.jenkins.io/warstable/2.277.2/jenkins.war

i.Start the Jenkins.war file

java -jar jenkins.war

Every day if we want to run the jenkins we need to run this command.

## Winding Pros: / None/Johnsty/Jenkins.war

## Winding Pros: / No

j.Access jenkins homepage using the public IP of the instance

IP address:8080

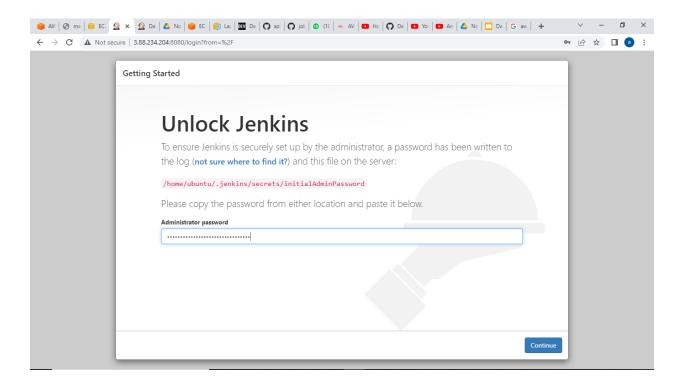
Jenkins runs on port 8080 by default Make sure your all traffic is open on your security group for testing purposes

# k. Unclock Jenkins

When we are installing jenkins it will automatically give you the password in the github terminal.

Copy the password and paste the browser.

You will get the password on the step  ${\rm i}$ 



- 1. Press Install Suggested Plugins
- m.Create First admin user

n. The first user which we create here is the admin user of the jenkins.

Click on save and continue.

Click on save and finish

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