Install Jenkins Server on Ubuntu 18.04

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Prerequiste

• JDK-8

Installtion

• Update Jenkins key cache.

```
$ wget -q -0 - https://pkg.jenkins.io/debian/jenkins.io.key | sudo apt-key add -
```

· Add Repository.

```
$ sudo sh -c 'echo deb https://pkg.jenkins.io/debian-stable binary/ >
/etc/apt/sources.list.d/jenkins.list'
```

· Update package

```
$ sudo apt-get update
```

• Install Jenkins server

```
$ sudo apt-get install jenkins
```

This package installation will:

- Setup Jenkins as a daemon launched on start. See /etc/init.d/jenkins for more details.
- Create a jenkins user to run this service.
- Direct console log output to the file /var/log/jenkins/jenkins.log. Check this file if you are troubleshooting Jenkins.
- Populate /etc/default/jenkins with configuration parameters for the launch, e.g JENKINS_HOME

• Set Jenkins to listen on port 8080. Access this port with your browser to start configuration.

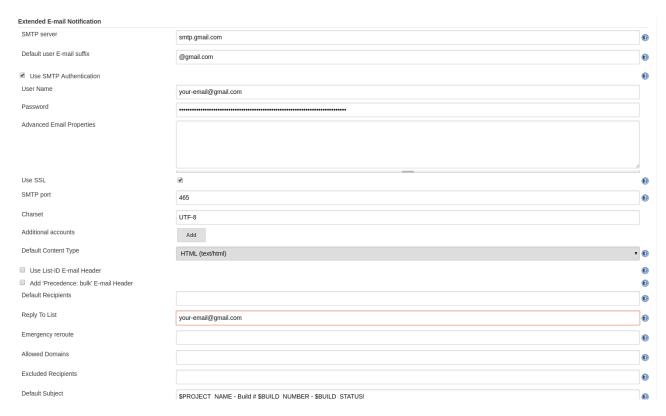


If your /etc/init.d/jenkins file fails to start Jenkins, edit the /etc/default/jenkins to replace the line ----HTTP_PORT=8080---- with ----HTTP_PORT=8081---- Here, "8081" was chosen but you can put another port available.

• While configuring on UI select Install recommended plugins.

Configure Email Notification using Gmail.

- Go to Manager Jenkins → Configure System.
- Goto Extending Email Notification section. Fill details as shown in below screenshot with your email address. SMTP Server is smtp.gmail.com, select adavanced option and set username and password(password should be your app code) set USE SSL with Port 465



• Goto E-mail Notification section. Fill details as shown in below screenshot with your email address. SMTP Server is smtp.gmail.com, select adavanced option and set username and password(password should be your app code) set USE SSL with Port 465

E-mail Notification		
SMTP server	smtp.gmail.com	•
Default user e-mail suffix	@gmail.com	•
✓ Use SMTP Authentication		•
User Name	your-email@gmail.com	
Password		
Use SSL	⊗	•
SMTP Port	465	•
Reply-To Address	ypur-email@gmail.com	
Charset	UTF-8	
✓ Test configuration by sending test e-mail		
Test e-mail recipient	destination@gmail.com	
		Test configuration