



# Experiment 7

## Email Notifications in Jenkins

**Objective :** To Understand and Practice setting up email.

**Steps :**

1. Install Email Extension and Email Extension Template Plugin.

Name ↓	Enabled
<b>Email Extension Plugin</b> 2.102 This plugin is a replacement for Jenkins's email publisher. It allows to configure every aspect of email notifications: when an email is sent, who should receive it and what the email says <a href="#">Report an issue with this plugin</a>	
<b>Email Extension Template Plugin</b> 1.5 This plugin allows administrators to create global templates for the Extended Email Publisher. <a href="#">Report an issue with this plugin</a> <div>This plugin is up for adoption! We are looking for new maintainers. Visit our <a href="#">Adopt a Plugin</a> initiative for more information.</div>	

2. Configure SMTP server by going to Dashboard > Manage Jenkins > System > Email Notification.

**Configure SMTP**

☒ Use SMTP Authentication ?

User Name

thapavidhant@gmail.com

Password

.....


☒ Use SSL ?

☐ Use TLS

SMTP Port ?

465

Note : get the password for google app passwords (and a password for your Jenkins app)

Jenkins Created on 9:34 PM 

To create a new app specific password, type a name for it below...

App name

3. Create a Job and add email in Build Settings.

### Build Settings

#### ☒ E-mail Notification

##### Recipients

thapavidhant@gmail.com

- ☒ Send e-mail for every unstable build
- ☒ Send separate e-mails to individuals who broke the build
- ☒ Send e-mail for each failed module ?

4. Add a Post Build Step for sending Editable Email Notification and add email

### Post-build Actions

#### Editable Email Notification ?

Allows the user to disable the publisher, while maintaining the settings

☐ Disable Extended Email Publisher ?

Project From

Project Recipient List ?  
Comma-separated list of email address that should receive notifications for this project.

Project Reply-To List ?  
Comma-separated list of email address that should be in the Reply-To header for this project.

Content Type ?  
Both HTML and Plain Text

Default Subject ?  
My Custom Jenkins Mail

Default Content ?  
<h1>Welcome To Jenkins</h1>  
This is the content of advanced Custom Email.

5. we can also choose to send Mails on Build Success by choosing the advanced options.

(Add Trigger Option)

Success ?

Send To

Developers ?

Add ▾

6. Testing mail functionality.

## Console Output

```


Started by user Vidhant Maan Thapa
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/DO-JOB-1
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/DO-JOB-1/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Vidhant007/JenkinsLab-1- # timeout=10
Fetching upstream changes from https://github.com/Vidhant007/JenkinsLab-1-
> git --version # timeout=10
> git --version # 'git version 2.34.1'

```

Mail :

Build failed in Jenkins: DO-JOB-1 #6

Inbox x



address not configured yet <thapavidhant@gmail.com>

to me ▾

See <<http://localhost:8080/job/DO-JOB-1/6/display/redirect>>

Changes:

---

Started by user Vidhant Maan Thapa


Running as SYSTEM

Building in workspace <<http://localhost:8080/job/DO-JOB-1/ws/>>

Mail on Build Success :

Jenkins build is back to normal : DO-JOB-1 #7

Inbox x



address not configured yet <thapavidhant@gmail.com>

to me ▾

See <<http://localhost:8080/job/DO-JOB-1/7/display/redirect>>