

## Lab: SMTP Notifications Job Instructions

### General Pre-Requisites: -

Jenkins server should be set up. If already set up, take the IP dedicated for your group. If not set, please coordinate with trainer for the same. Use the credentials provided by Trainer for login into Jenkins

### Specific Pre-requisites:

1. Jenkins already have following plugins installed as default plugin installing and configuring Jenkins: -
  - a. **Email Extension:** It allows to configure every aspect of email notification: when an email is sent, who should receive it and what the email says

*Note: If not installed already, install it following the steps mentioned in document **Installing Plugins in Jenkins***

2. Jenkins should already be configured to support following features and tools: -
  - i) Email Notification (Steps used mentioned in section [Configuring Jenkins for SMTP Notifications](#))
3. Email Account used as sender email account for Jenkins server needs to have a setting done. For details, refer section [Setting Up Email Account to be used in Email Notification settings in Jenkins](#)

### Steps to Follow:

1. Navigate to Jenkins home page;
2. Click your any job created in the Labs done earlier.
3. Click **Configure** from Left Panel
4. Scroll down, Under **Post-build Actions** section
5. Click Add post-build action
6. Select **Editable Email Notification**

It should add **Editable Email Notification** section

7. In **Project Recipients List** field, add comma and <email id where you want to send notification>
8. Click **Save**
9. Build the job again;
10. Click on the new triggered build number under Build History in left panel
11. Click **Console Output**
12. View the log

It should display the information about the email id where the notification is sent *and Finished: SUCCESS*

13. Open your email account;

*An email should be present in your inbox.*

## Configuring Jenkins for SMTP Notifications

1. Navigate to Manage Jenkins ->Open Configure System
2. In section Extended E-mail Notification, Configure the following: -
  - a. Enter **SMTP Server**-<smtp server details>. For training, we have used gmail account so the value is "**smtp.gmail.com**"  
*Note: SMTP server value will vary depending on the domain of the email server.*
  - b. Click **Advanced...** Button
  - c. Select **Use SMTP Authentication** checkbox
  - d. Enter User Name: <Email ID from where notifications to be sent>
  - e. Enter Password:<Enter its password>
  - f. Select **Use SSL** checkbox
  - g. Enter **SMTP Port**- 465 (*Note: enter port corresponding to SMTP server configured above, 465 is the port for Gmail*)
  - h. Enter Default Recipients-<comma separated email IDs where build status email is to be sent>
  - i. Click **Default Triggers...** button
  - j. Select **Always**
3. Click **Save** on Configure System.

## Setting Up Email Account to be used in Email Notification settings in Jenkins

Turn the email account setting Allow less secure apps to ON from the following URL for your sender email account to be configured for Jenkins: -

<https://myaccount.google.com/u/3/lesssecureapps?pli=1&pageId=none>