

Experiment 7 Email Notifications in Jenkins

Objective: To Understand and Practice setting up email.

1. Install Email Extension and Email Extension Template Plugin.

The screenshot shows the Jenkins plugin manager interface. At the top, there is a search bar with 'email' entered. Below the search bar, two plugins are listed:

- Email Extension 2.95**: 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 warning message states: "Warning: The currently installed plugin version may not be safe to use. Please review the following security notices:
 - CSRF vulnerability
 - Missing permission check". The plugin is enabled, indicated by a blue toggle switch with a checkmark.
- Email Extension Template Plugin 1.5**: This plugin allows administrators to create global templates for the Extended Email Publisher. A message states: "This plugin is up for adoption! We are looking for new maintainers. Visit our [Adopt a Plugin](#) initiative for more information." The plugin is enabled, indicated by a blue toggle switch with a checkmark.

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

The screenshot shows the 'Email Notification' configuration page in Jenkins. The page has a tab labeled 'Advanced' and a link to 'Edited'. The configuration includes:

- ☒ **Use SMTP Authentication** (with a help icon ?)
- User Name**: ktkbisaria100@gmail.com
- Password**: (masked with dots)
- ☒ **Use SSL** (with a help icon ?)
- ☐ **Use TLS**

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

Jenkins

Created on 9:34 PM



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

Build Settings

☒ E-mail Notification

Recipients

ktkbisaria100@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.

≡ 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.

ktkbisaria100@gmail.com,
jokerfish015@gmail.com

Project Reply-To List ?

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

\$DEFAULT_REPLYTO

Content Type ?

Both HTML and Plain Text

Default Subject ?

My custom jenkins mail

5. We can also choose to send Mails on Build Success by choosing the advanced options. (Add Trigger Option)

Triggers ?

≡ Success ?

Send To

≡ Developers ?

Add ▾

6. Testing mail functionality.

t

address not configured yet <lesssecure012@gmail.com>
to me ▾

6:51PM (1 minute ago) ☆ ↶ ⋮

This is test email #4 sent from Jenkins

↶ Reply

↷ Forward