Module 3: Build Jobs and Jenkins Security

Demo Document - 5

edureka!

Demo: Configuring and use smtp plugin for email notification.

NOTE: - You are going to setup **email notification using smtp** on **JAVA MAVEN pipeline** that you have already created under **Module 3 Demo 2** hence refer **Module 3 Demo 2** and perform **steps 1 to 12** as mentioned in the document then follow the below steps.

13. Now navigate to **'Manage Jenkins'** and search for **'Email extension plugin'** under **'Installed'** tab and if 'Email extension plugin' is not already installed then search for the plugin under **'Available'** tab and install it as per the below screenshot.
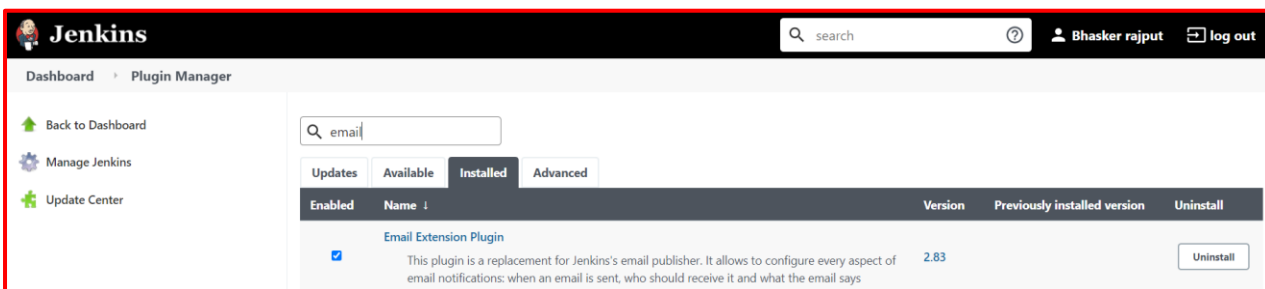
14. Navigate back to 'Manage Jenkins' and click on **'Configure System'**.
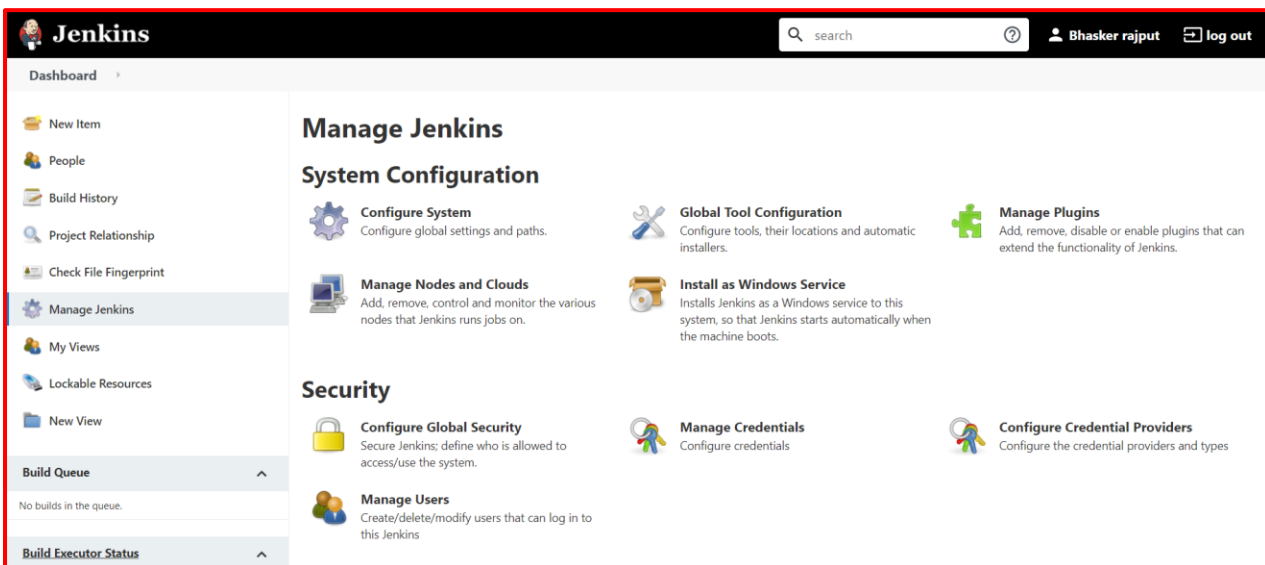
15. On configuration console scroll to the end of the page and search for **'Extended E-mail Notification'** as shown in the screenshot below. Provide the following details:
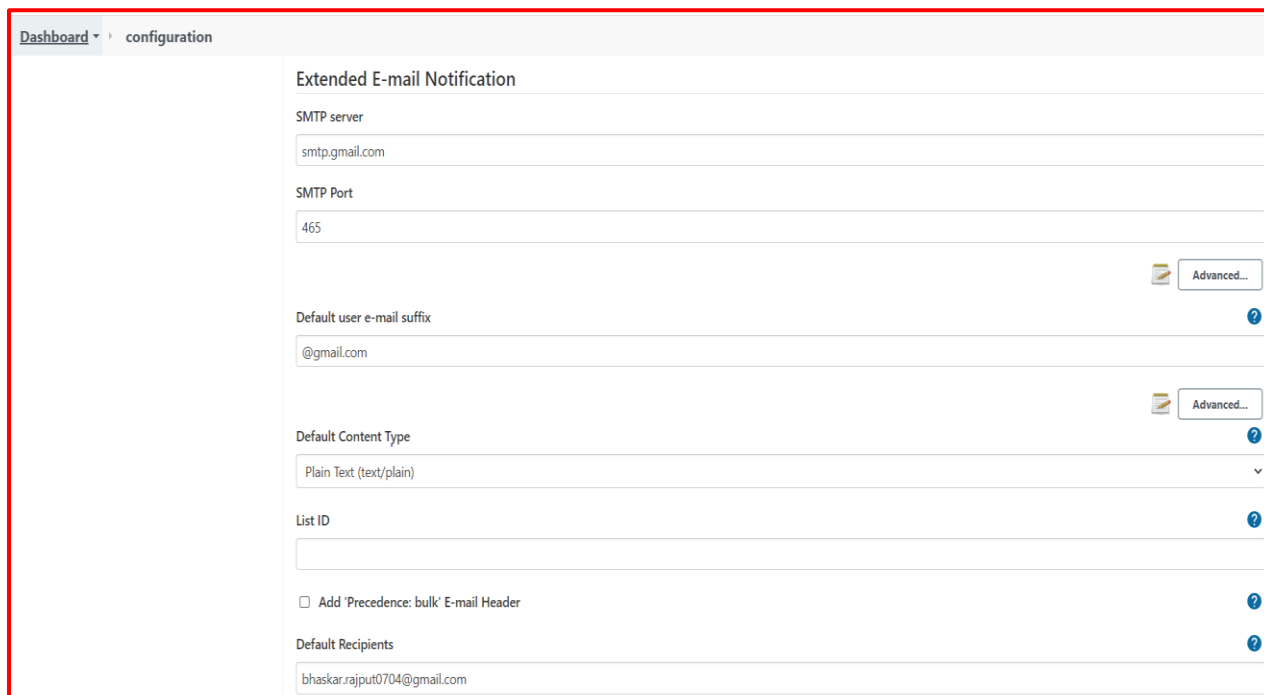**SMTP server – smtp.gmail.com**
SMTP Port – 465
Default user e-mail suffix - @gmail.com
Default Recipients- <your Gmail id>
Leave other fields as default and now click on **'Advanced'** option just above 'Default user e-mail suffix'.
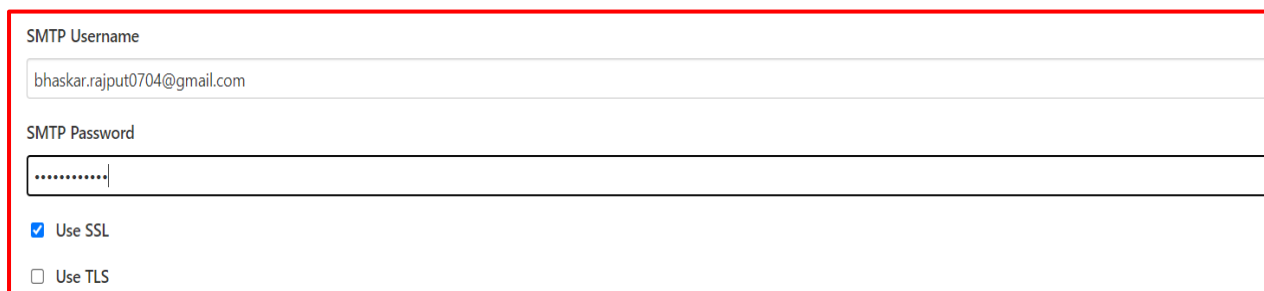
16. Under **'Advanced'** option you need to provide the following details:

==SMTP Username - <your Gmail id>==
==SMTP Password - <your password>==

Now select the **'Use SSL'** checkbox

17. Scroll down and select the **'Enable Debug Mode'** checkbox and click on **'Default Triggers'** as shown in the below screenshot.

18. Select **'Always'** under **'Default Triggers'** this means email will be triggered after each build regardless of whether build is successful or failed.
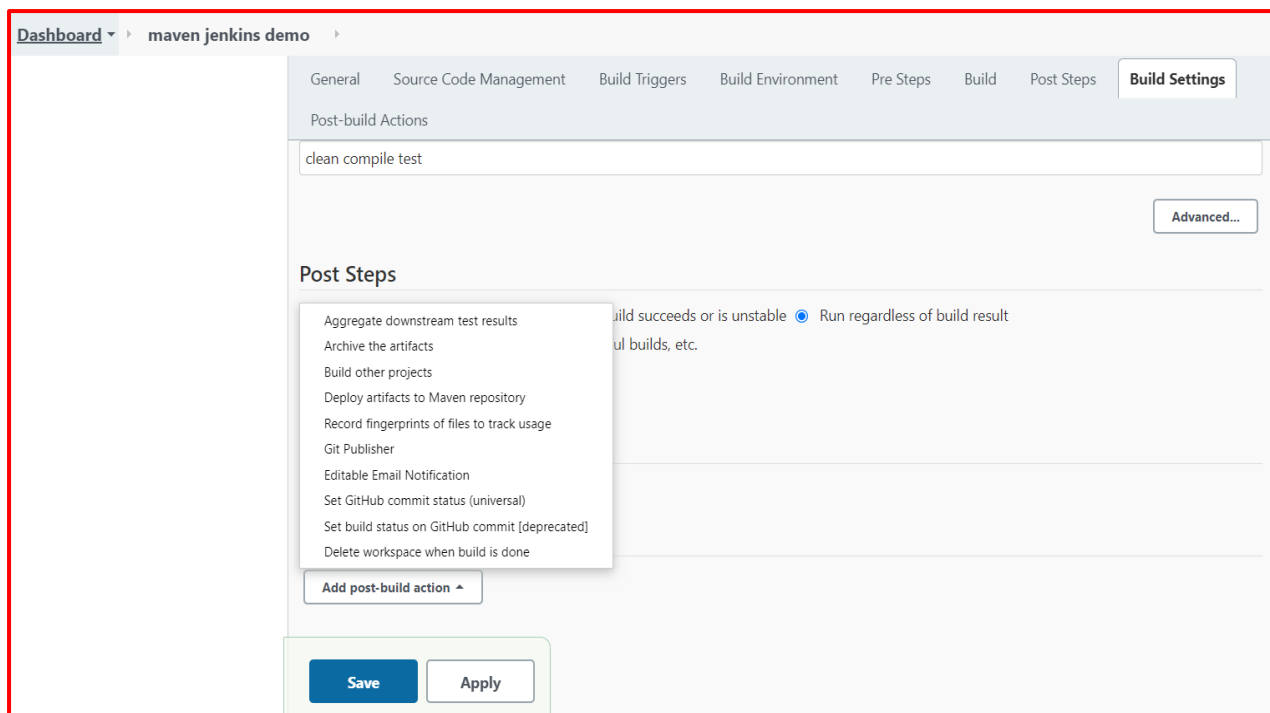

19. Navigate back to Jenkins dashboard and click on **'Maven Jenkins Demo'** job.
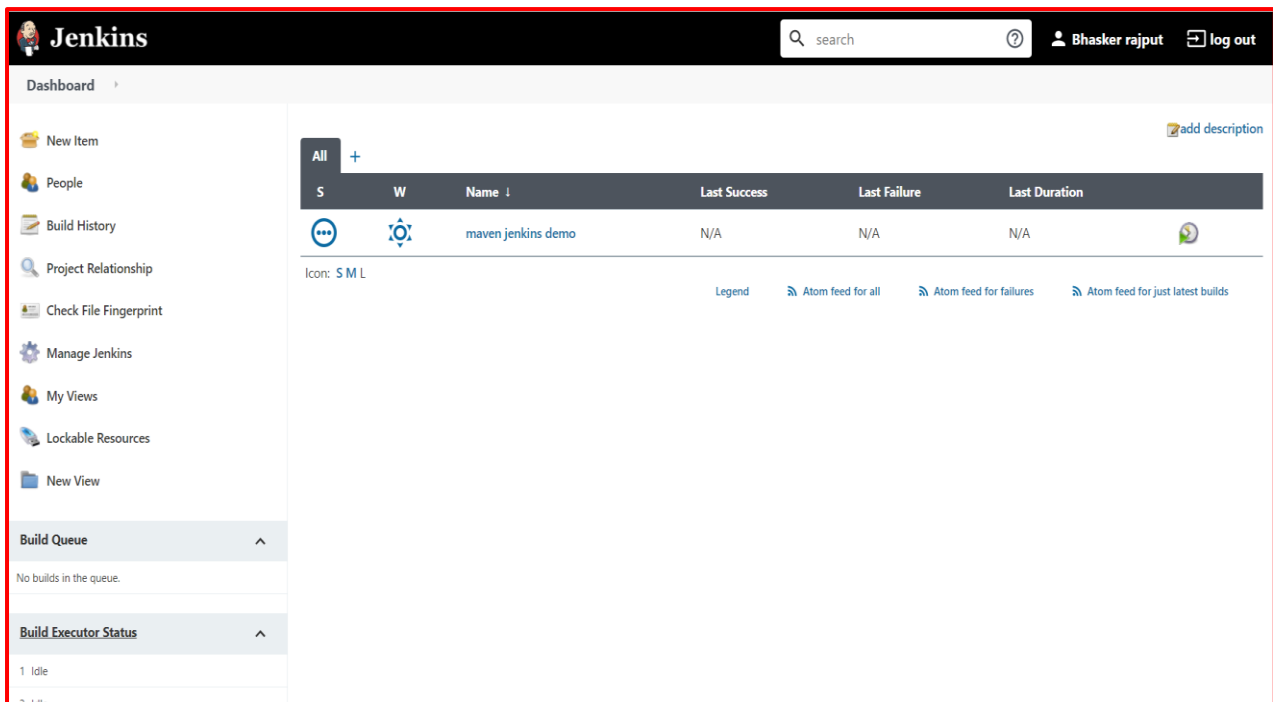
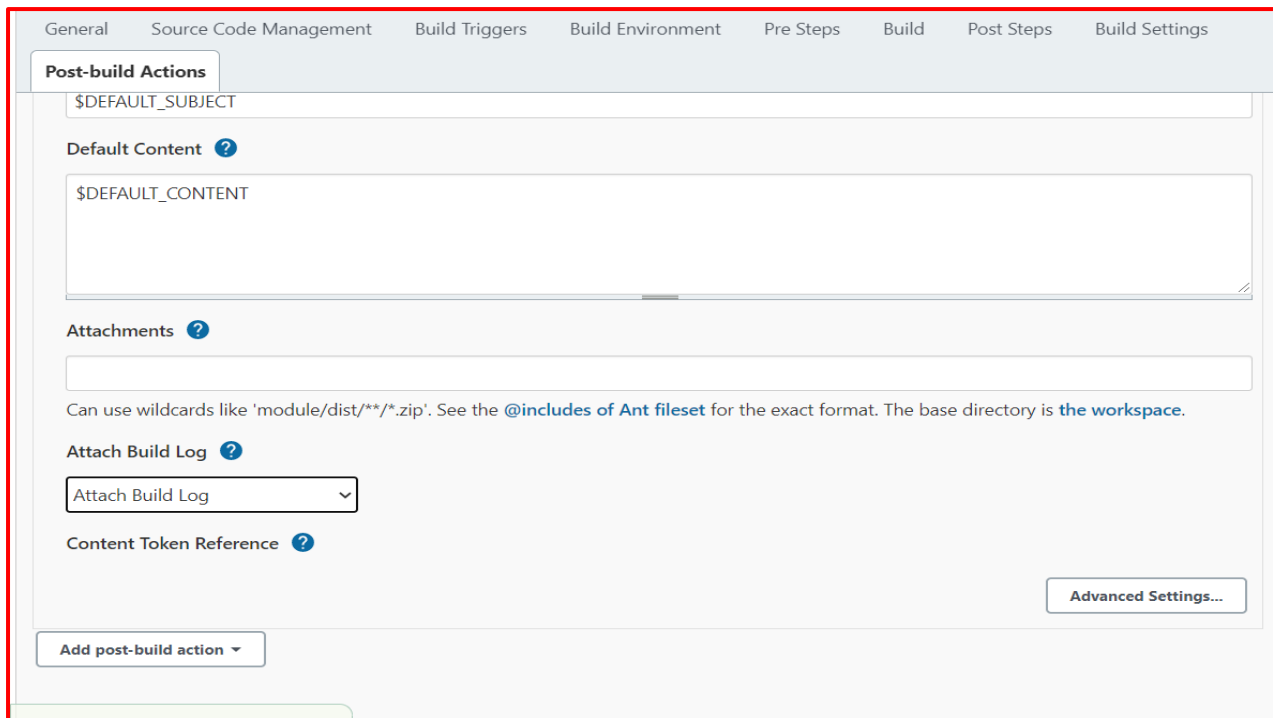**20.** Click on **'Configure'** available in left side menu.
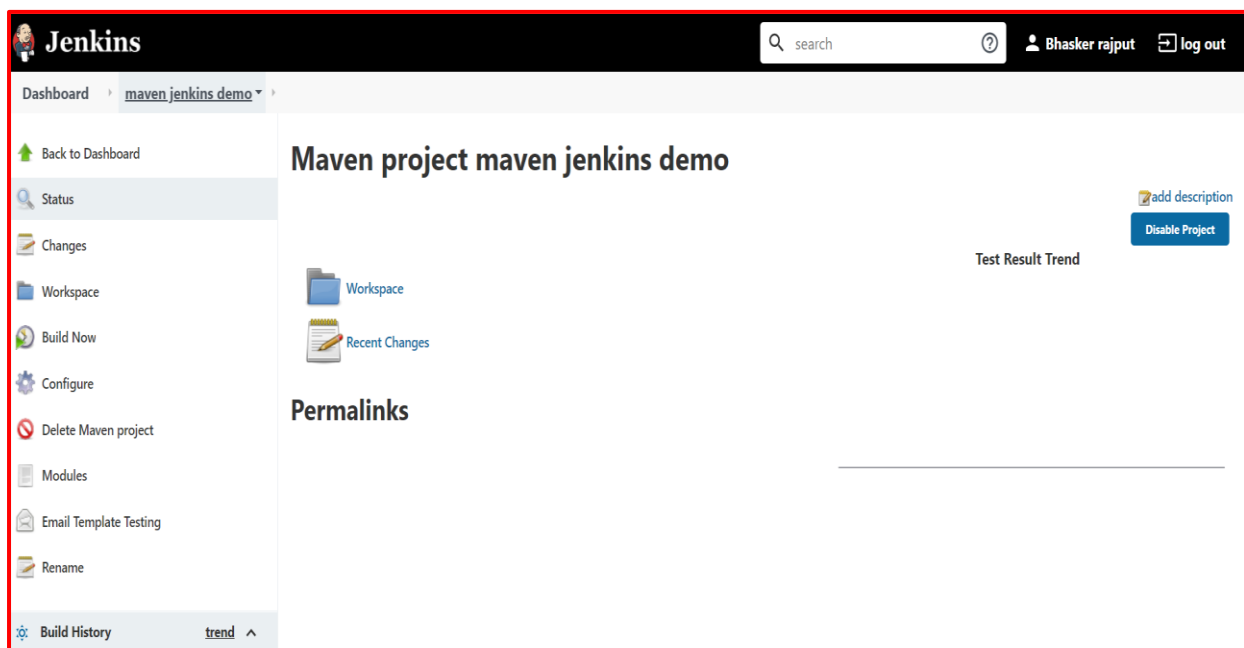
21. Navigate to **'Build Settings'** and click on **'Add post-build action'** under **'Post Steps'**. Now select **'Editable Email Notification'** from the list as shown in the below screenshot.

22. **'Editable Email Notification'** is shown in the screenshot below. Keep the configuration as default and scroll down.
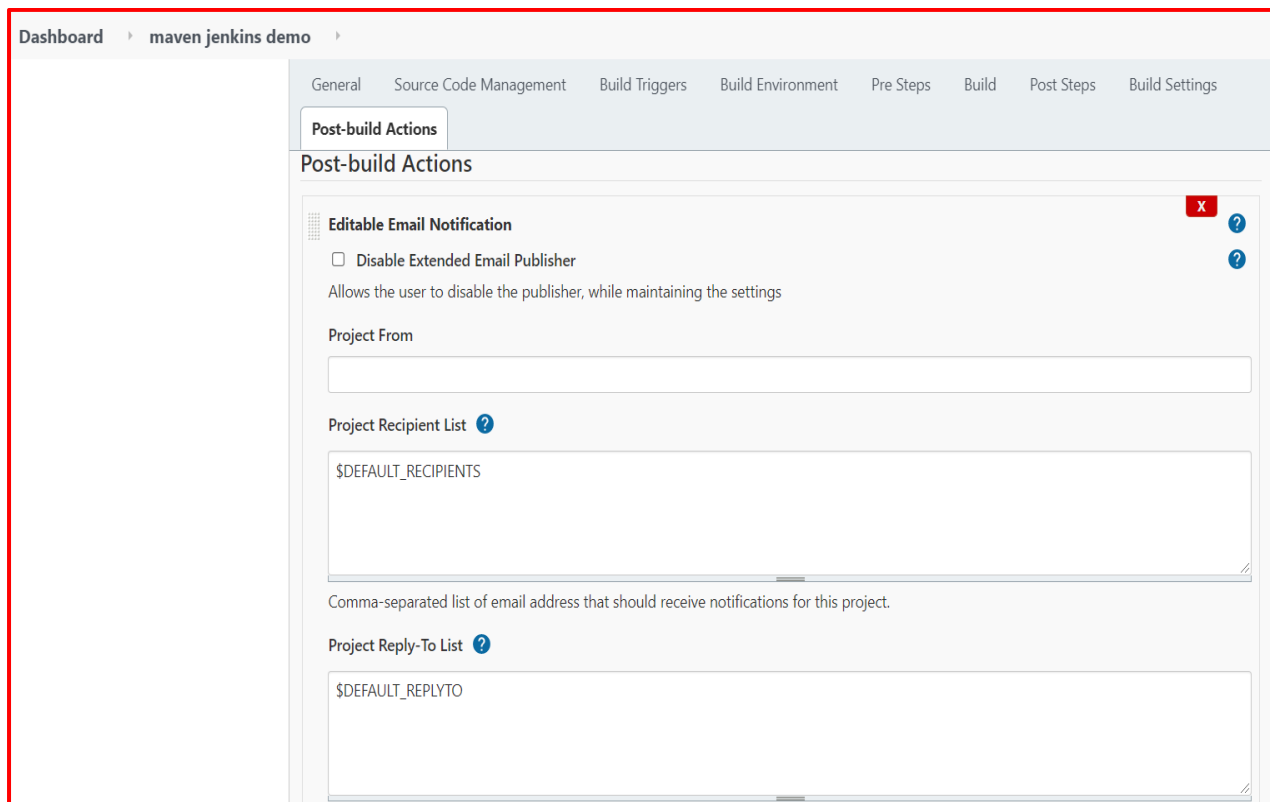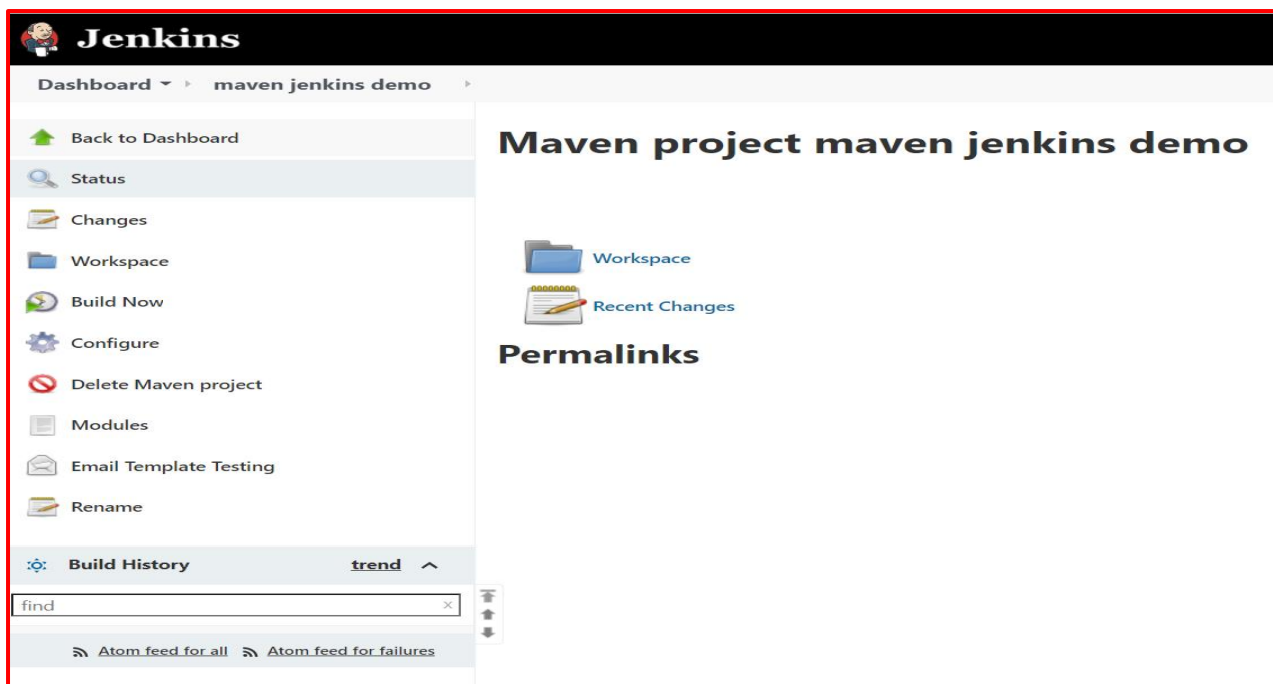

23. Under **'Attach Build Log'** of 'Editable Email Notification' select **'Attach Build Log'**, this will attach the build logs in the email notification. Now click on APPLY and SAVE.
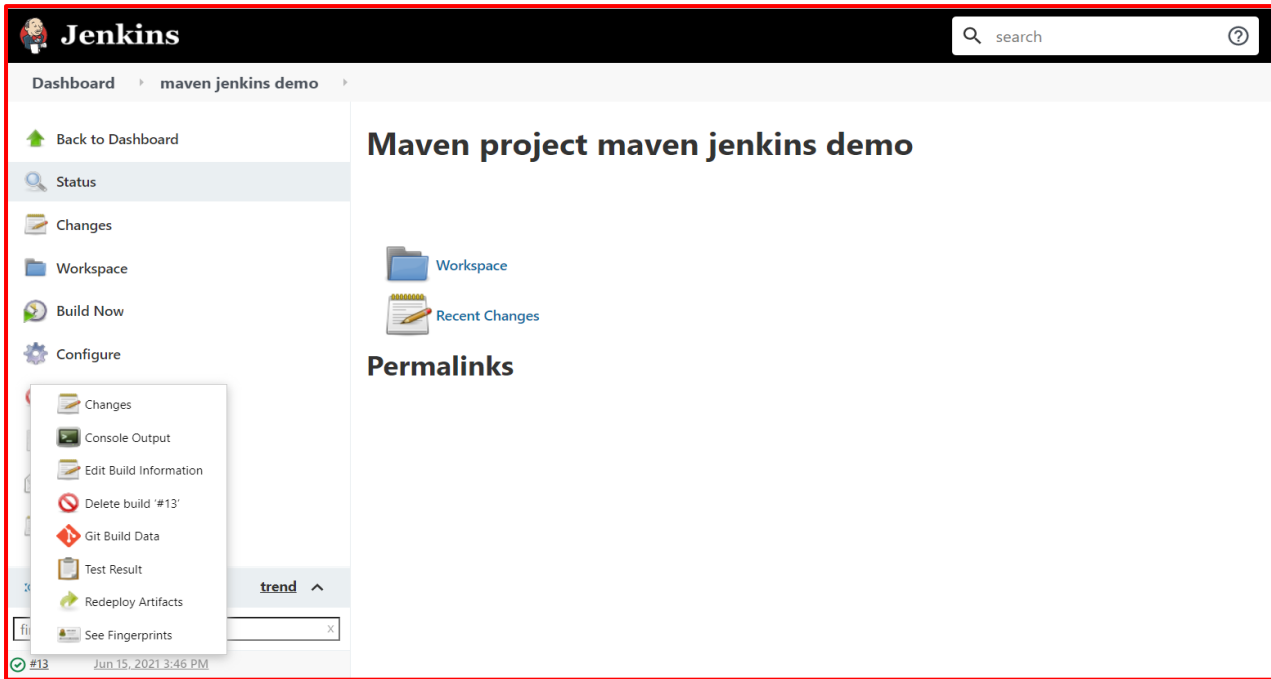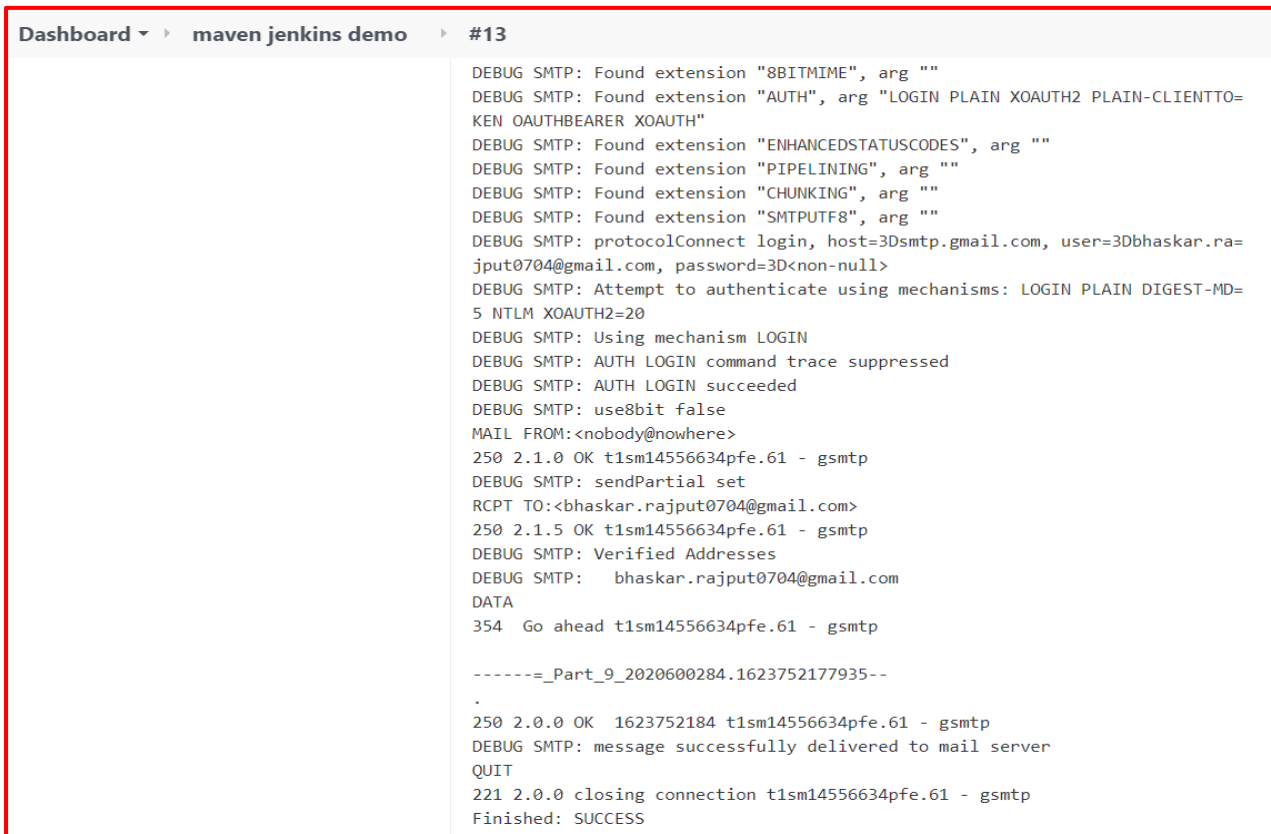
24. NOW build your Jenkins pipeline using **'Build Now'**.

25. Now click on **'build number'** that is generated under Build History and further click on **'Console Output'** to check the logs.

26. Once you scroll down the **console logs** there you will find the message: **'message successfully delivered to the mail server'**.

27. For final validation you can navigate to your **Gmail account** that you have configured for email notification. You will receive the **Jenkins pipeline build email with attached build logs** as shown in the below attachment.
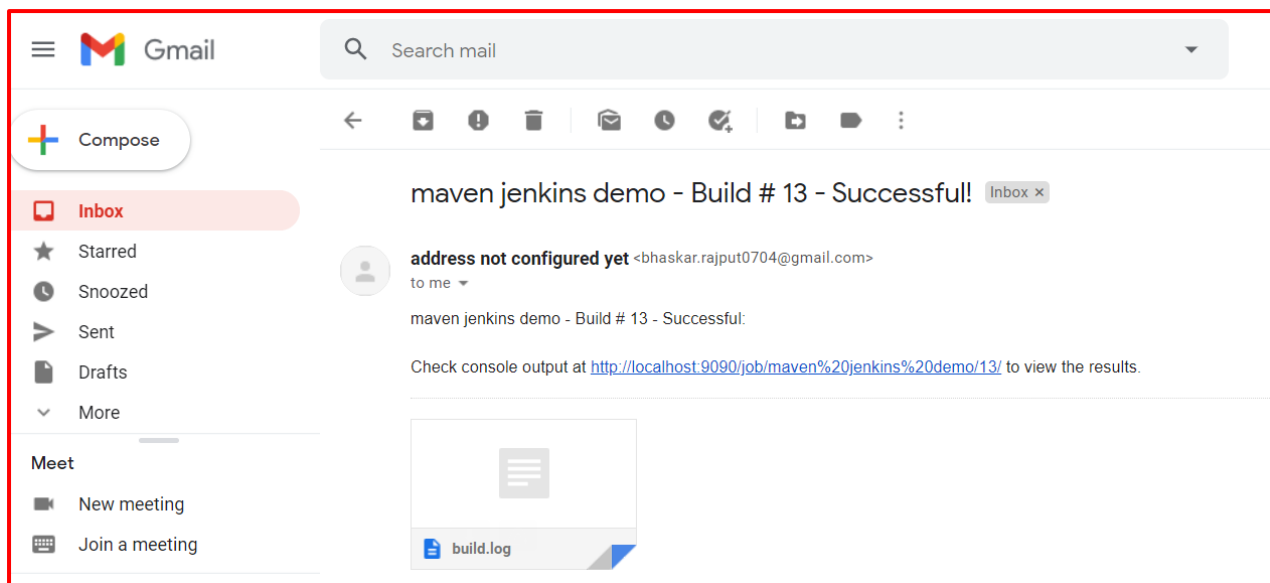
NOTE – If you are not receiving notification email and getting error in console output then you can fix the issue using the following steps:
- **Disable the 2-step authentication for your Gmail account.**
- **Turn ON less secure app access for your Gmail account.**

Google Account

← Less secure app access

Some apps and devices use less secure sign-in technology, which makes your account vulnerable. You can turn off access for these apps, which we recommend, or turn it on if you want to use them despite the risks. Google will automatically turn this setting OFF if it's not being used. Learn more

Allow less secure apps: ON