

To setup Email Configuration In Jenkins To send notifications To Gmail

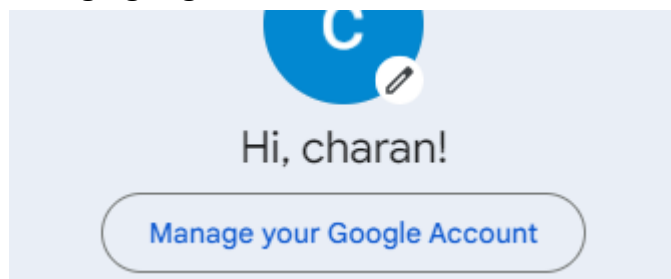
1. Download Email Extension Plugin (if not available)
 - a. Goto manageJenkins → click on plugins → select available plugins → search for Email extension plugin (download and restart after download)
-

Goto Jenkins

Goto Jenkins Dashboard → Goto system → Goto [Extended E-mail Notification (SMTP server (smtp.gmail.com)) smtp port(25)] → Goto Email Notification → SMTP server (smtp.gmail.com) → click on advanced → select Use SMTP Authentication [username (abcd@gmail.com) password (*****)] → select Use SSL → SMTP Port(465) → select Test configuration by sending test e-mail (test e-mail recipient(abcd@gmail.com) → click on test Configuration → click on save

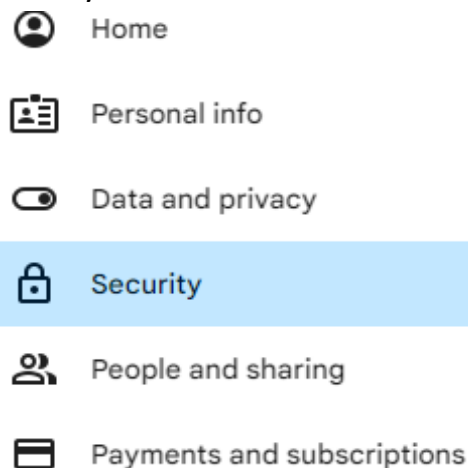
Yellow Colour → that password gets from two factor authentication need to setup in Gmail

1. Goto Manage google account



a.

2. Goto security



a.

3. By default Two factor authentication is disabled we need to enable Two factor authentication

a.

Recent security activity		
Signing in with 2-Step Verification was turned off	15:30 · India	>
App password created	12:35 · India	>
App password removed	12:35 · India	>

Above pic before two Factor Authentication below pic after authentication

b.

Recent security activity		
Signing in with 2-Step Verification was turned on	15:34 · India	>

4. After authentication setup find below pic

a.

How you sign in to Google		
Make sure that you can always access your Google Account by keeping this information up to date		
🔒 2-Step Verification	✅ On since 15:34	>

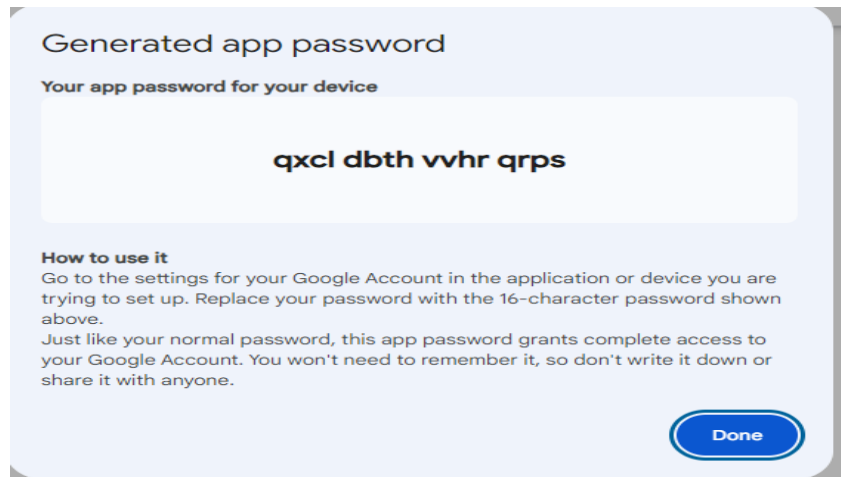
Click on that then below pic will show

App passwords

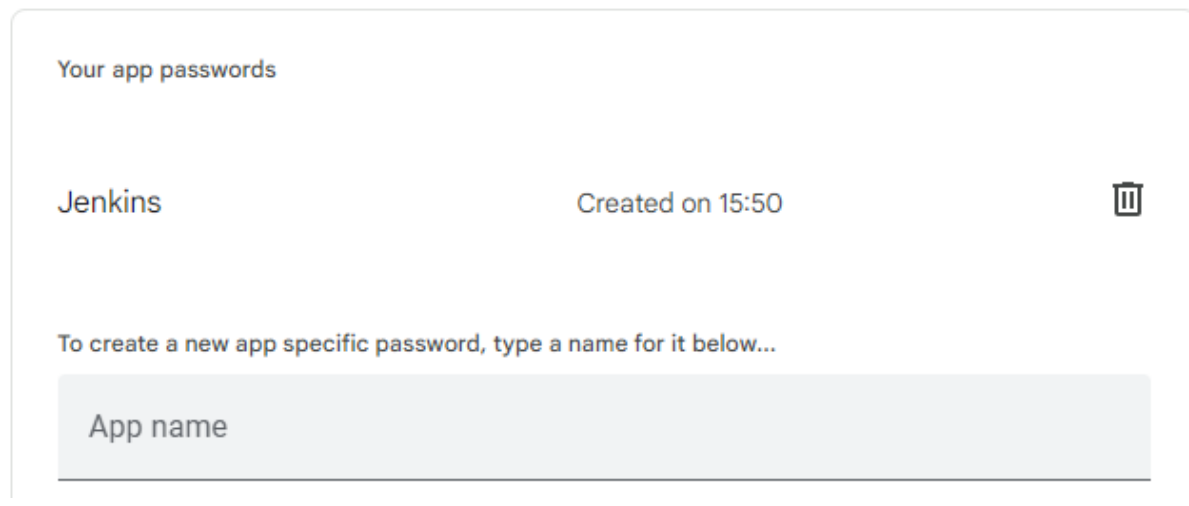
App passwords aren't recommended and are unnecessary in most cases. To help keep your account secure, use 'Sign in with Google' to connect apps to your Google Account.

App passwords	>
None	

Find above information click on App password it will generate random password to login



Above password we need to copy and paste into **Yello clour location**



To send notifications to Gmail from Jenkins, you can use the "Email Notification" feature provided by Jenkins. Here are the steps you can follow:

1. ****Install and Configure Email Extension Plugin****:

- Go to "Manage Jenkins" > "Manage Plugins".
- Click on the "Available" tab and search for "Email Extension Plugin". Install it if it's not already installed.

2. ****Configure Email Notifications****:

- Go to "Manage Jenkins" > "Configure System".
- Scroll down to the "Extended E-mail Notification" section.
- SMTP server: Specify your SMTP server details (e.g., for Gmail, it's `smtp.gmail.com`).
- Use SMTP Authentication: Check this option.
- User Name and Password: Enter your Gmail email address and password.
- You may need to generate an "App Password" for Jenkins if you have two-factor authentication enabled on your Gmail account.

3. ****Set Up Job-Specific Email Notifications****:

- In your Jenkins job configuration, scroll down to the "Post-build Actions" section.
- Click on "Add post-build action" and select "Editable Email Notification".
- Fill out the required fields like "Project Recipient List" (comma-separated list of email addresses to receive notifications).
- You can customize the subject, body, and other options as needed.
- Save your job configuration.

4. ****Test the Email Configuration****:

- Go back to "Manage Jenkins" > "Configure System".
- Scroll down to the "Extended E-mail Notification" section and click on "Test Configuration" to verify that Jenkins can send emails.

5. ****Optional: Set up a Jenkins Credentials for Email Password****:

- For security reasons, it's recommended to use Jenkins credentials to securely store your email password. You can do this in "Manage Jenkins" > "Manage Credentials".

6. ****Run Your Jenkins Job****:

- Now, when your Jenkins job runs and meets the criteria for sending a notification (e.g., on success, failure, etc.), it will send an email to the specified recipients.

Remember to keep your credentials secure and follow best practices for handling sensitive information.

Additionally, please be aware that sending emails from Jenkins may require adjustments to your email account's security settings, especially if you're using services like Gmail. For example, you may need to allow "Less secure apps" or generate an "App Password" if you have two-factor authentication enabled. Always ensure you follow recommended security practices.