

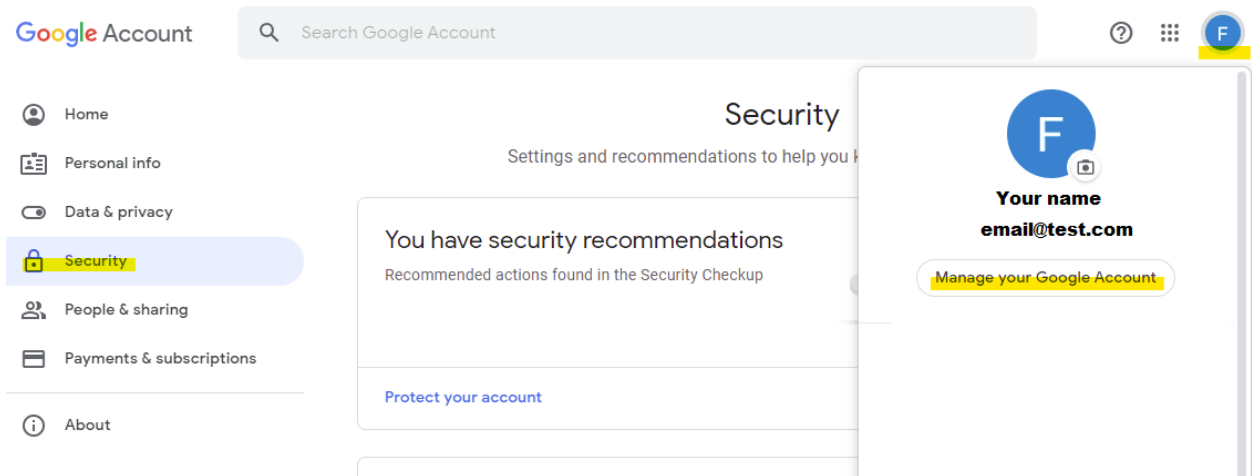
How to setup 2-Step Verification and an App Password for Gmail to work in Protractor

Log into your **Gmail** Account www.gmail.com

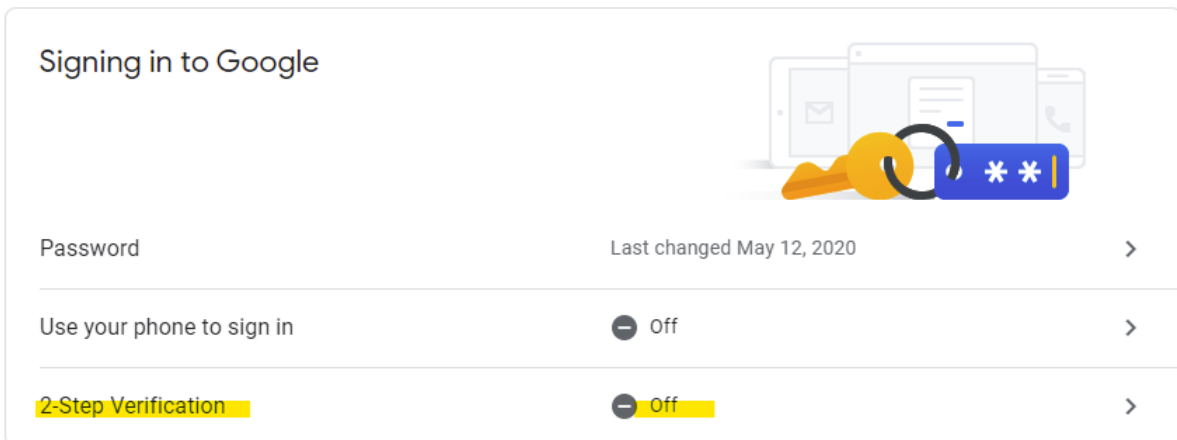
Click on your **profile picture or initials** in the top right hand corner

Click on **Manage Your Google Account**

Click on **Security** in the left panel



Scroll down to **Signing in to Google**

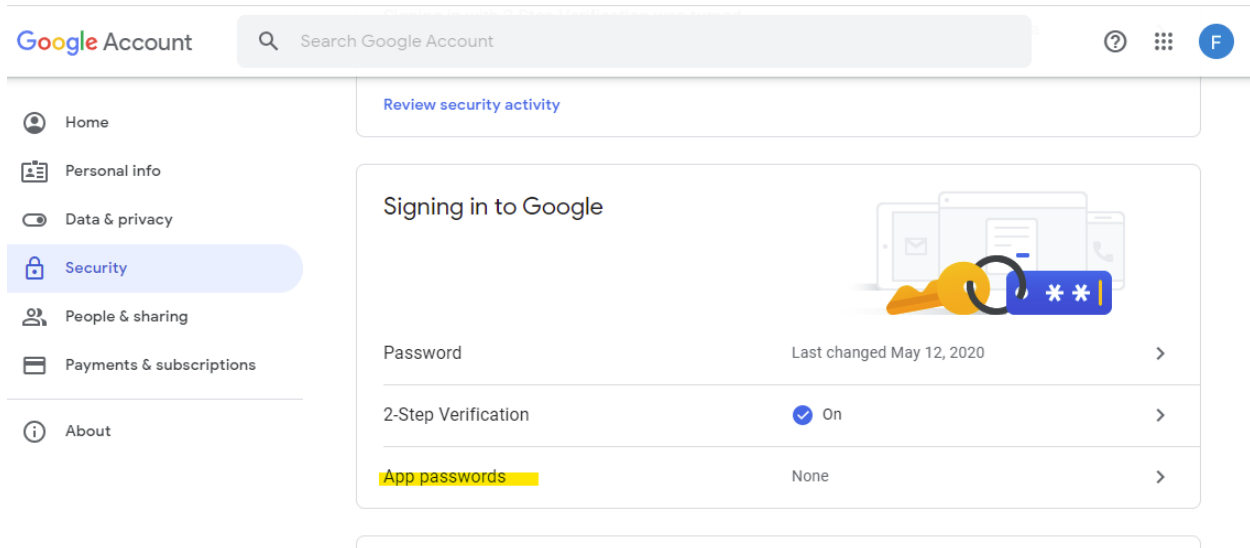


Turn ON 2-Step Verification – Follow the prompts, and it will text a code to your phone.
The final step is to Turn On

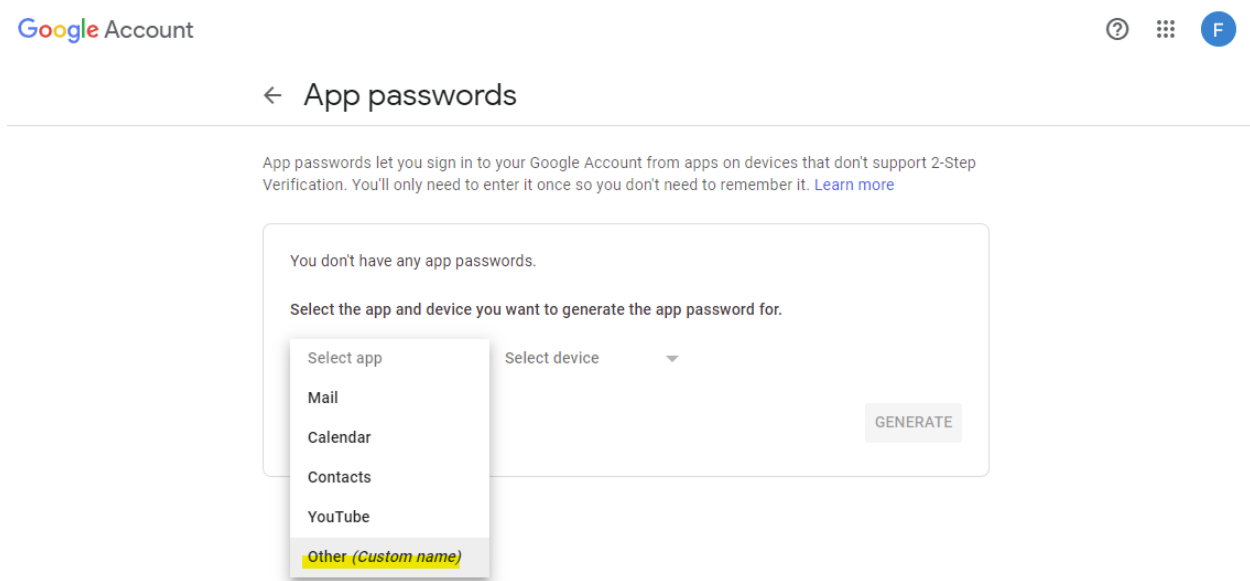
Go Back to the **Security** Setup (Manage Google Account / Security)

Scroll Down to **Signing in to Google**

Click on **App passwords**, follow prompt and log into your account



Click on **Select app**, and choose **Other (Custom name)**



Name it **Protractor**, and click **Generate**

← App passwords

App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)

You don't have any app passwords.

Select the app and device you want to generate the app password for.

Protractor ×

GENERATE

A 16 digit password will come up, copy this password. There will be no way to retrieve the password again, but once you set it up in Protractor, you will not need it again. If you do need it, you can generate a new password by following the above steps.

The screenshot shows the 'App passwords' page with a modal window titled 'Generated app password'. The modal contains the following elements:

- Generated app password**: A heading for the modal.
- Your app password for your device**: A heading above a yellow box containing the 16-character password: **#### #### #### ####**.
- How to use it**: A heading followed by instructions: 'Go to the settings for your Google Account in the application or device you are trying to set up. Replace your password with the 16-character password shown above. Just like your normal password, this app password grants complete access to your Google Account. You won't need to remember it, so don't write it down or share it with anyone.'
- DONE**: A blue button at the bottom right of the modal.
- Background form**: A partially visible form with fields for 'Email' (containing 'securesally@gmail.com') and 'Password' (containing 12 dots).

In Protractor go to Home / Setup / Workstation Setup / Settings / Email Tab
if you are setup via location setup go to Home / Location Settings / Email Tab
Enter in your new App Password

Click Test Connection – you should get a popup that says Test email has been sent successfully
Click on **SAVE** at the top

The screenshot shows the 'Setup' window with the 'Email' tab selected. The interface includes a sidebar with 'Workstation Setup' and 'Settings' options. The main content area is divided into several sections:

- User Information:** Fields for 'Name' (containing 'Your Company Name') and 'Email Address' (containing 'Your Email Address').
- Server Information:** Fields for 'SMTP Server' (containing 'smtp.gmail.com'), 'Port' (containing '587'), and 'Timeout' (containing '60' with 'Seconds' next to it). A checkbox for 'Enable encrypted connection (STARTTLS)' is checked.
- Authentication:** A checkbox for 'Authentication required' is checked. Fields for 'User Name' (containing 'Your gmail email address') and 'Password' (containing a masked 16-digit app password) are present.
- Advanced:** A 'Default BCC' field containing 'Your Email Address if you want a copy' and a note: 'Use semi-colons to separate multiple addresses.'

At the bottom right, there is a 'Test Connection' button. Below the authentication fields, a yellow highlighted text reads: **Your new 16 digit app password you just setup goes here**. A note at the bottom right states: 'After filling out the information on this screen, please test your connection settings by clicking the button below.'

Find out more about 2-step verification here:

[Protect your account with 2-Step Verification - Computer - Google Account Help](#)