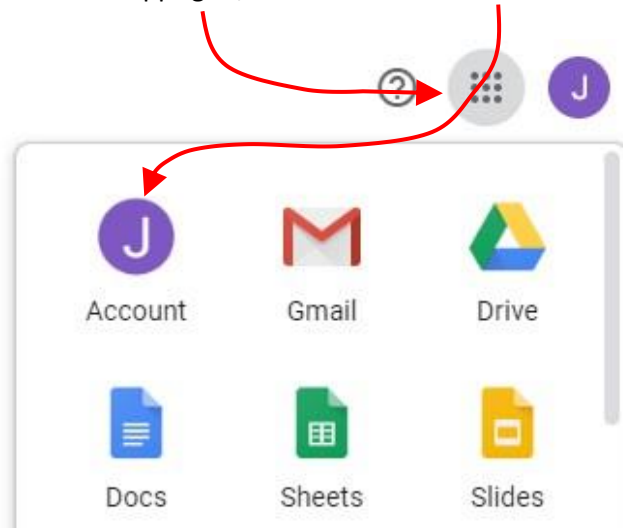


Gmail Device Password Setup – 2020-08-25

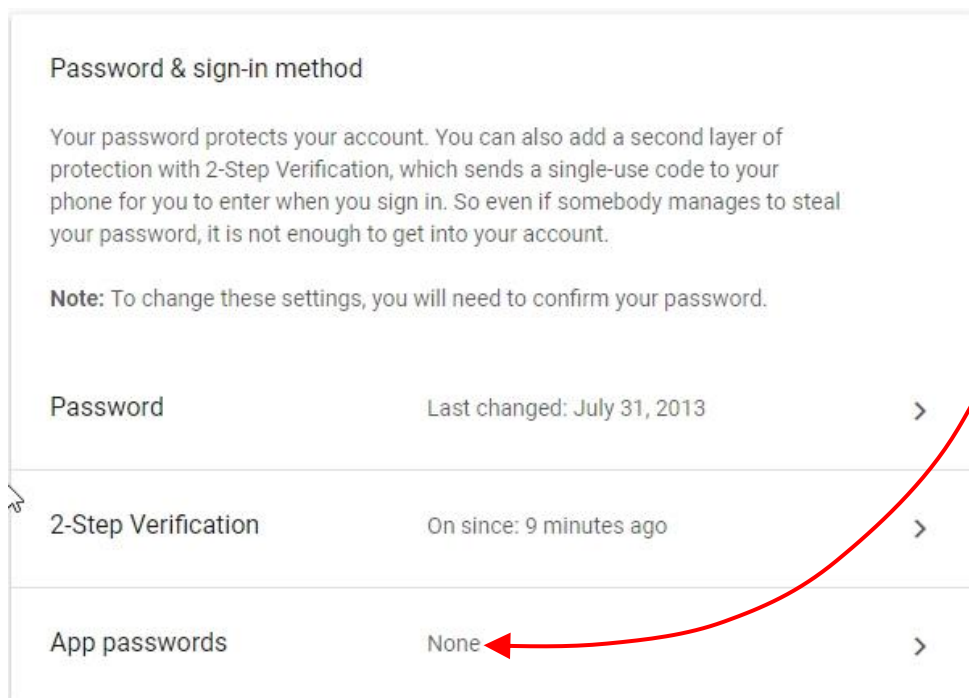
Introduction

The PoolPayoutManager Python script can send emails with hourly updates, error conditions, and block reward information, but it needs to log into an email account to send these messages. The following 11-step process shows how to take an existing Gmail account, with 2 factor authentication enabled, and generate a device-specific password to allow Python to log into the Gmail account and send emails.

1. Sign into your Gmail email account.
2. In the upper right-hand corner, select the apps grid, and then Account:



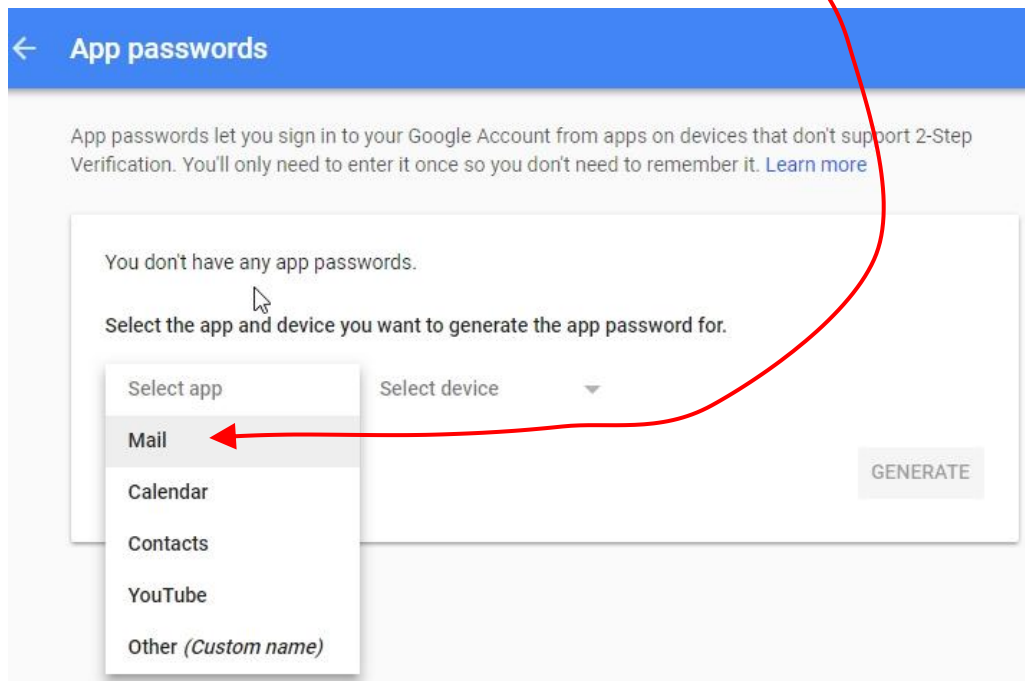
3. On the Account page select Security, scroll down to find App passwords and select NONE:



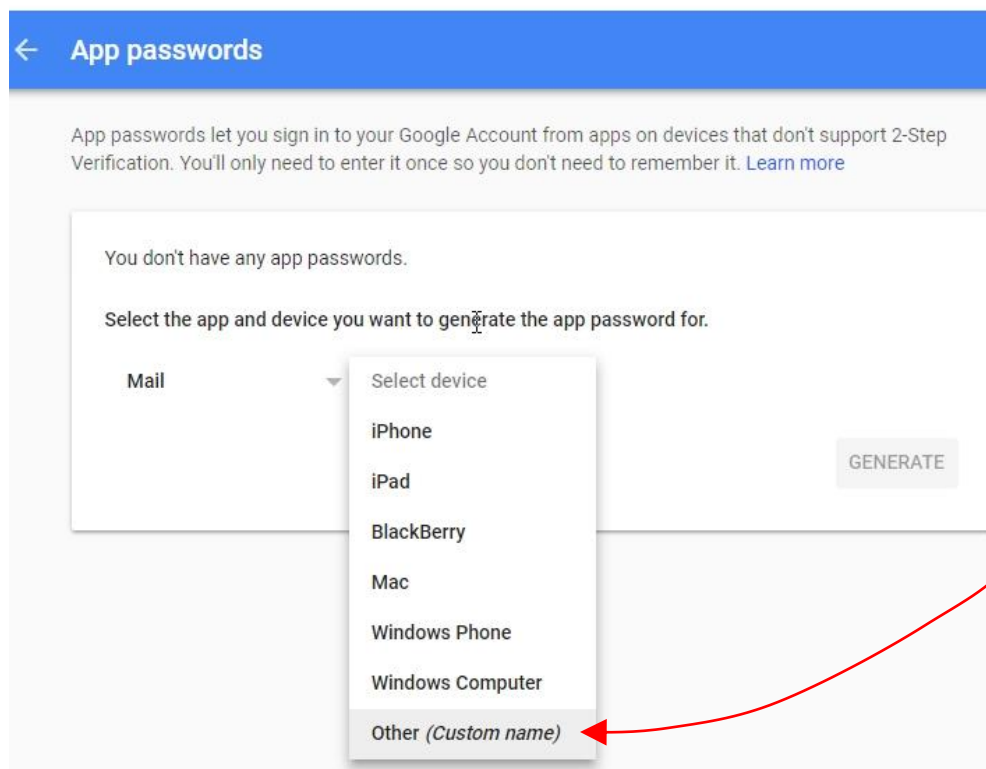
(If App passwords is not shown, you need to setup 2-Step Verification first.)

4. Sign in again. Enter your password and 2 factor authentication code.

5. On the App passwords screen, go to the Select app dropdown and select Mail:



6. On the App passwords screen, go to the Select device dropdown, and select Other (Custom name):



7. Enter "Python" and select 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.

Python X

GENERATE

8. You will see your generated password, used for Python to sign into this Gmail account. Copy and save the password (16 characters without spaces). Select DONE:

Generated app password

Your app password for your device

apgz vyhm enel jjlr

How to use it

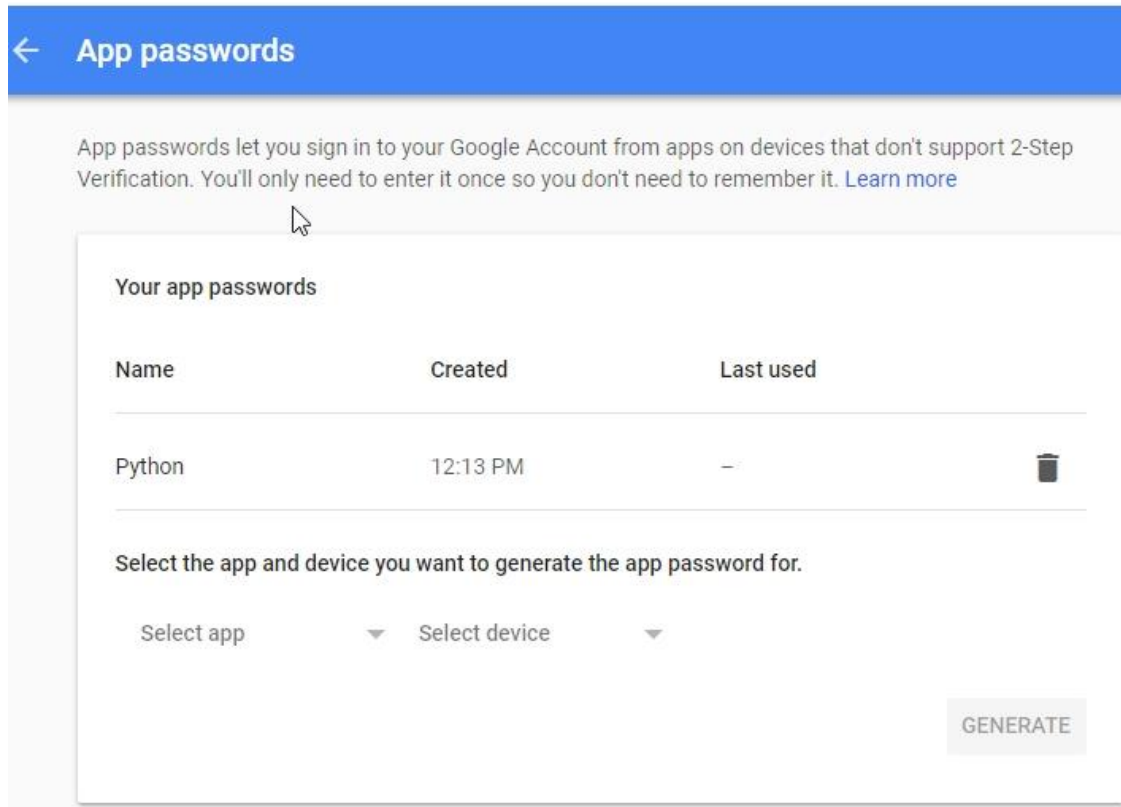
Go to the settings for your Google Account in the application or device you are trying to set up. Replace your password with the 16-character password shown above. Just like your normal password, this app password grants complete access to your Google Account. You won't need to remember it, so don't write it down or share it with anyone.

Email
seuresally@gmail.com

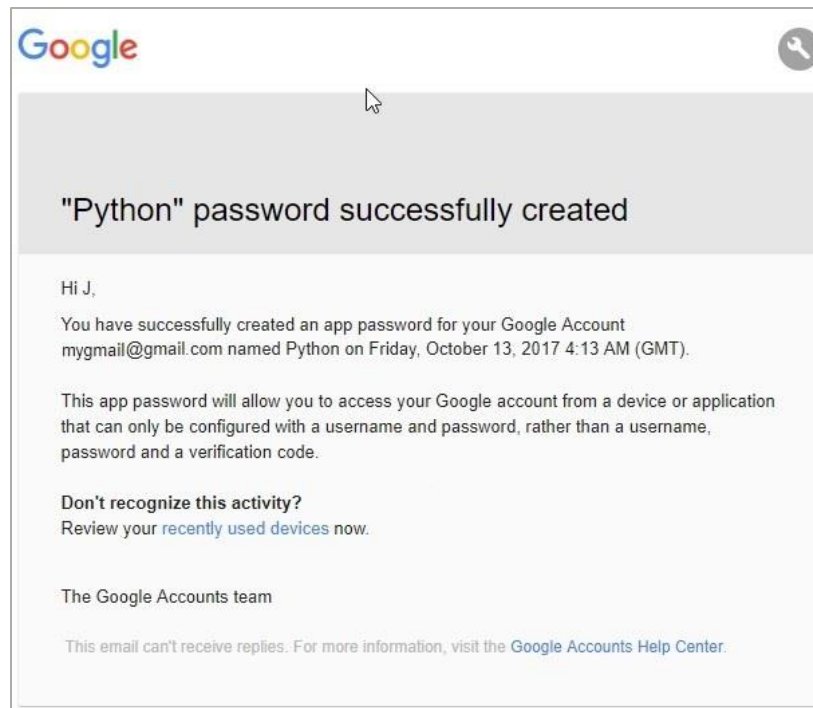
Password
••••••••••

DONE

9. You will see the Your app passwords with “Python” listed. You are done!



10. You will also receive an email from Google confirming “Python” password successfully created:



11. In the PPMConfig.txt file, enter the password “apgzvyhmeneljjlr”. Enter the full email address as “emailAddress” and just the first part as “emailUsername”. Note the domestic and international emails (SMS gateways) have been previously entered.



```
*PPMConfig.txt - Notepad
File Edit Format View Help
# PPMConfig.txt
#
# configuration file for PoolPayoutManager.py
# Last change 2020-08-11
#

"hostName": LD18,                                # used to label this machine, for multi-machine environments
"sendEmail": true,                                # send a text when get reward, or in errors
"sendHourlyEmail": true,                          # send a text on the hour with status
"setDomestic": true,                              # send the text to a domestic or international mobile
"domesticAddress": 9876543210txt.att.net,          # email for domestic texts
"internationalAddress": 87654321@starhubenterprisemessaging.com, # email for international texts
"enableLogging": true,                            # enable logging to a local file
"emailAddress": mygmail@gmail.com,                 # email address for sending
"emailUsername": mygmail,                          # user name for email login
"emailPassword": apgzvyhmeneljjlr,                 # password for email login
"UTCTimeOffset": 8,                               # local time zone offset from UTC
```