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:
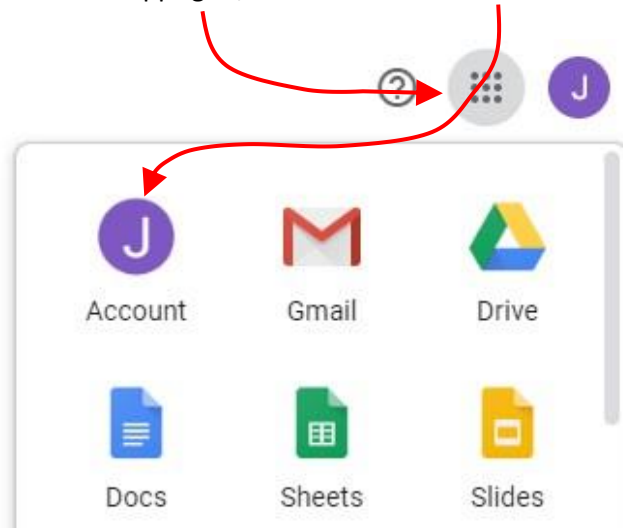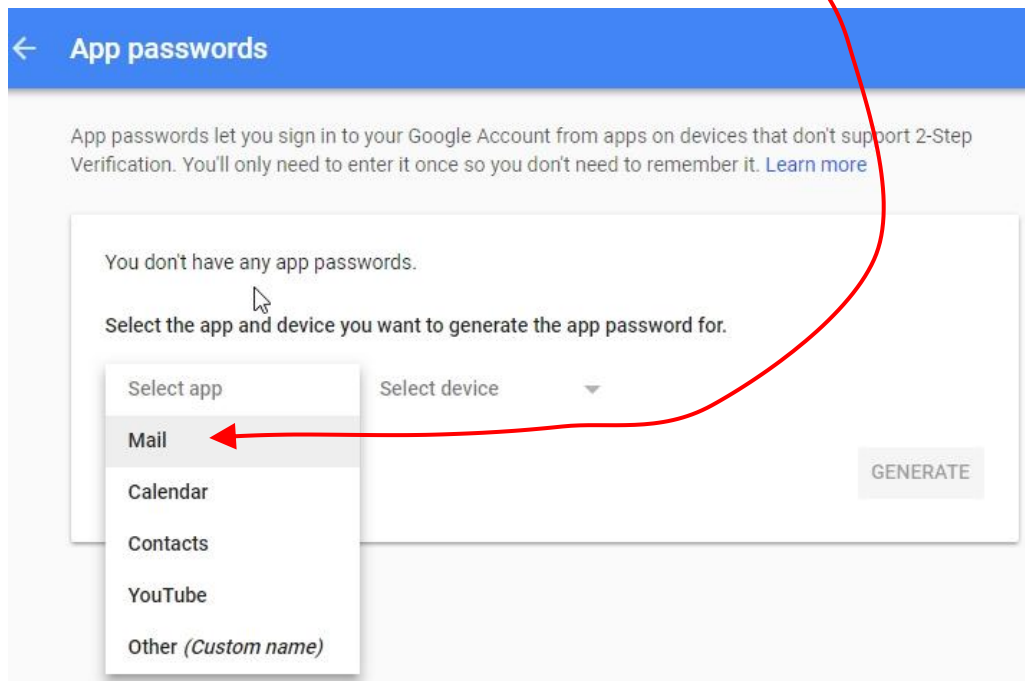

3. On the Account page select Security, scroll down to find App passwords and select NONE:
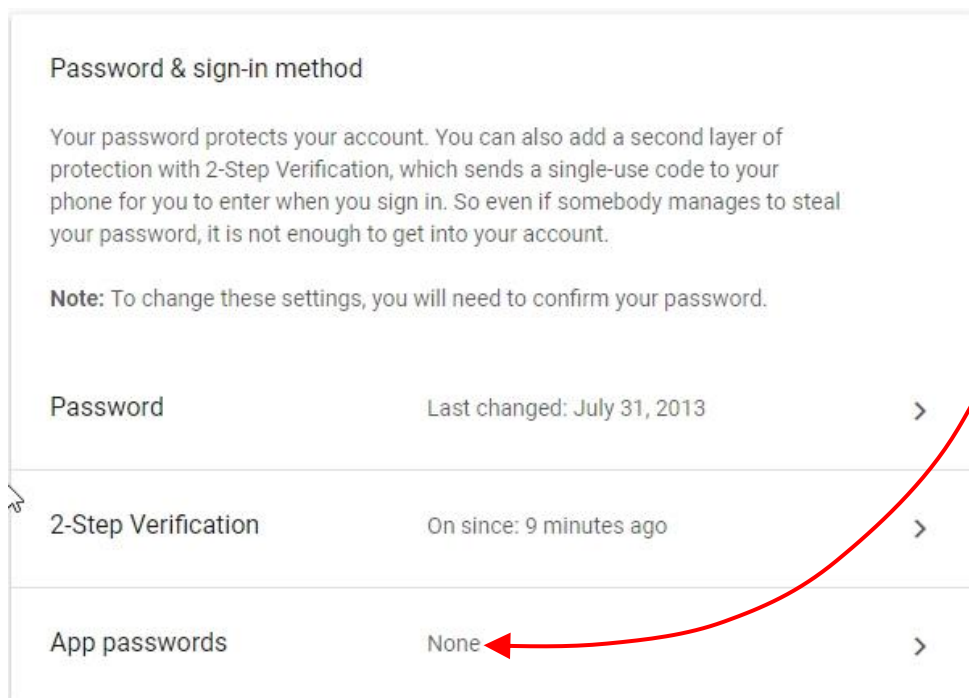
(If App passwords is not shown, you need to setup 2-Step Verification first.)

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*):
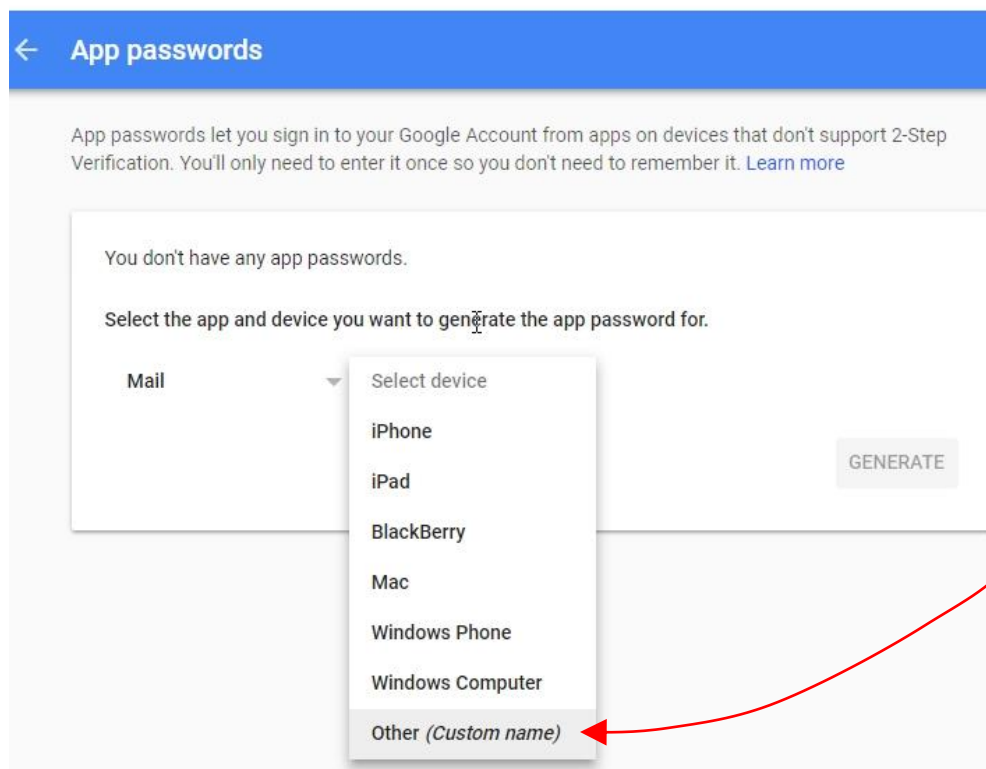
7. Enter "Python" and select GENERATE:

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:

9. You will see the Your app passwords with "Python" listed. You are done!
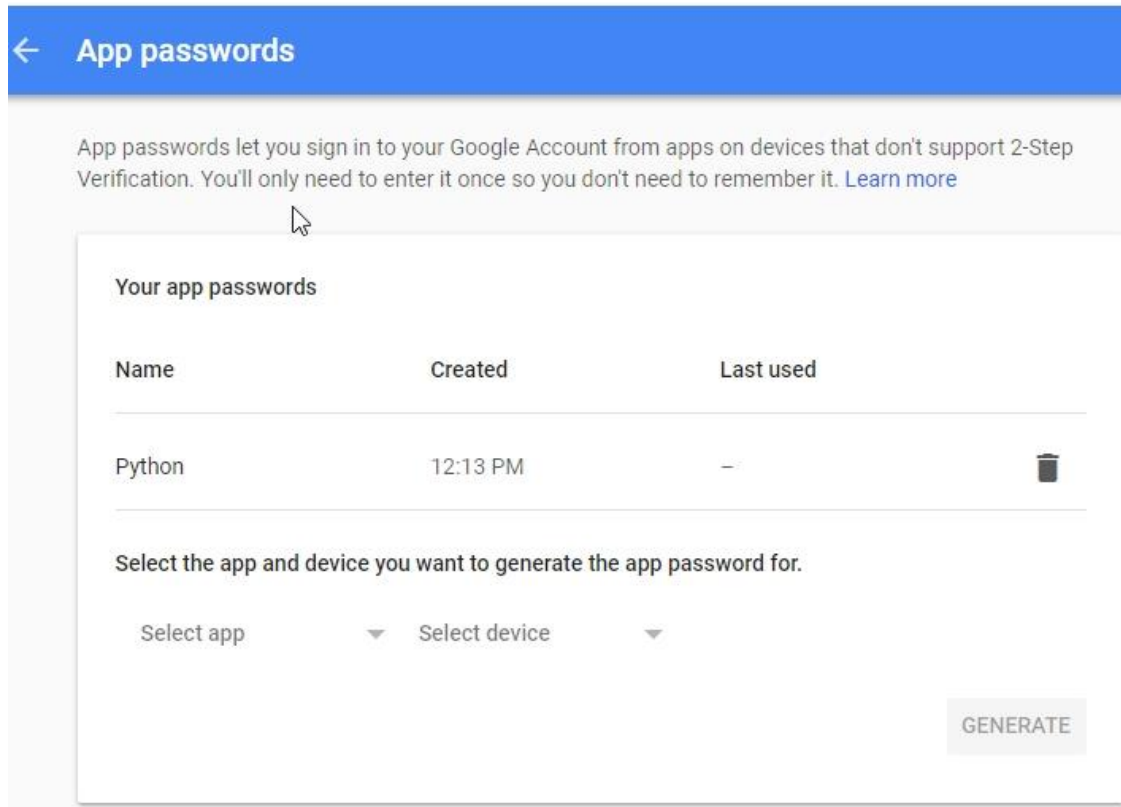
10. You will also receive and email from Google confirming "Python" password successfully created:

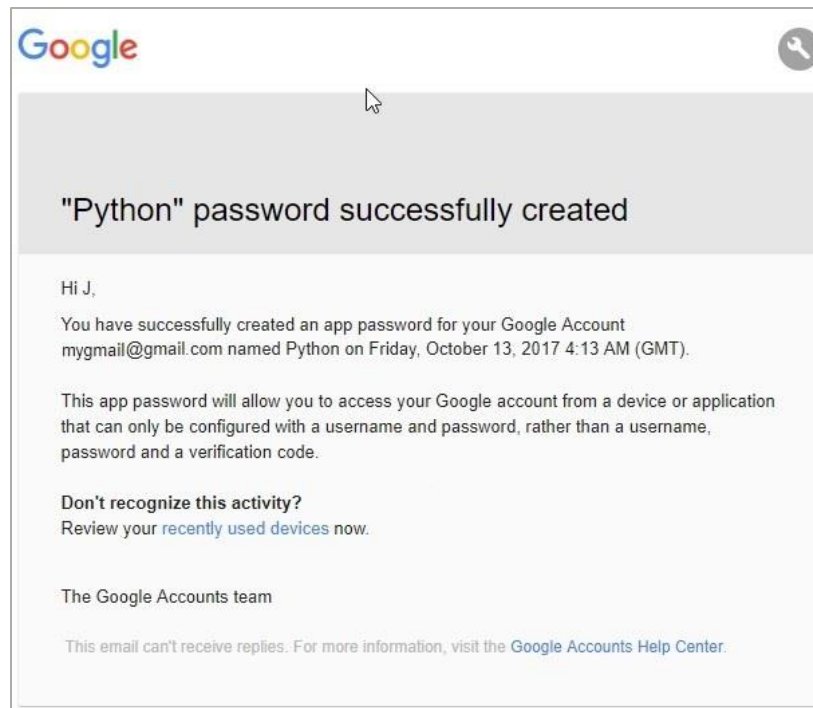11. In the PPMConfig.txt file, enter the password "apgzvyhmeneljjlr". Enter the full email address as "emailAddress" and just the first part as "emailUsername". Note the domestic and international emails (SMS gateways) have been previously entered.

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*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
```