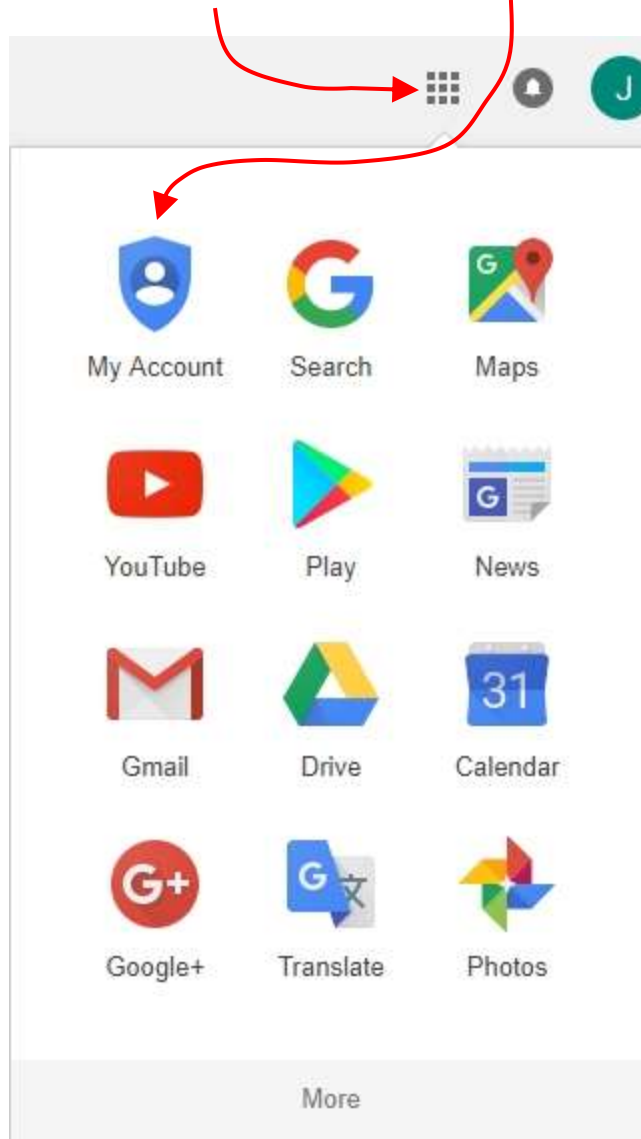


Gmail Device Password Setup - 10-15-2017

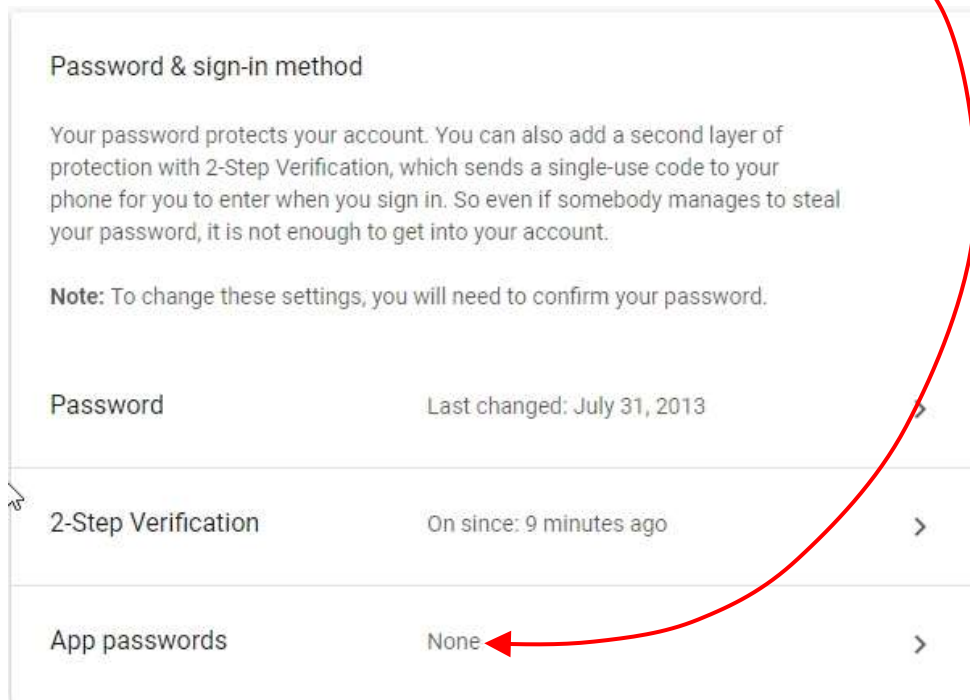
Introduction

The QtumMon.py 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 My Account:



3. On the Sign-in & Security page, scroll down to find App passwords and select NONE:



Password & sign-in method

Your password protects your account. You can also add a second layer of protection with 2-Step Verification, which sends a single-use code to your phone for you to enter when you sign in. So even if somebody manages to steal your password, it is not enough to get into your account.

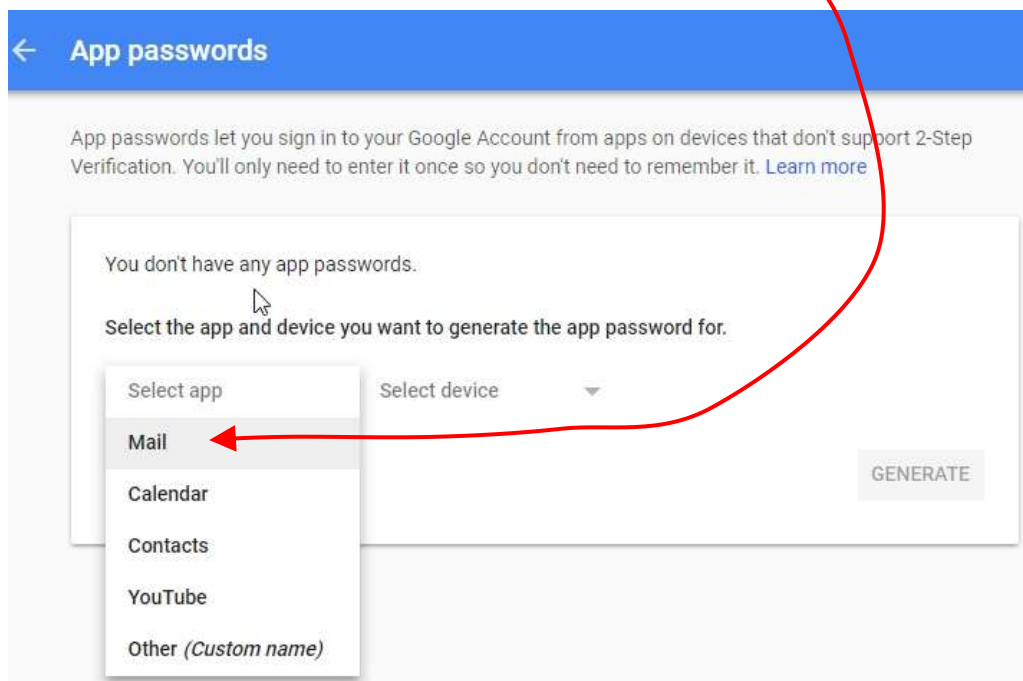
Note: To change these settings, you will need to confirm your password.

Password	Last changed: July 31, 2013	>
2-Step Verification	On since: 9 minutes ago	>
App passwords	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:



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.

Select app

Select device

Mail

Calendar

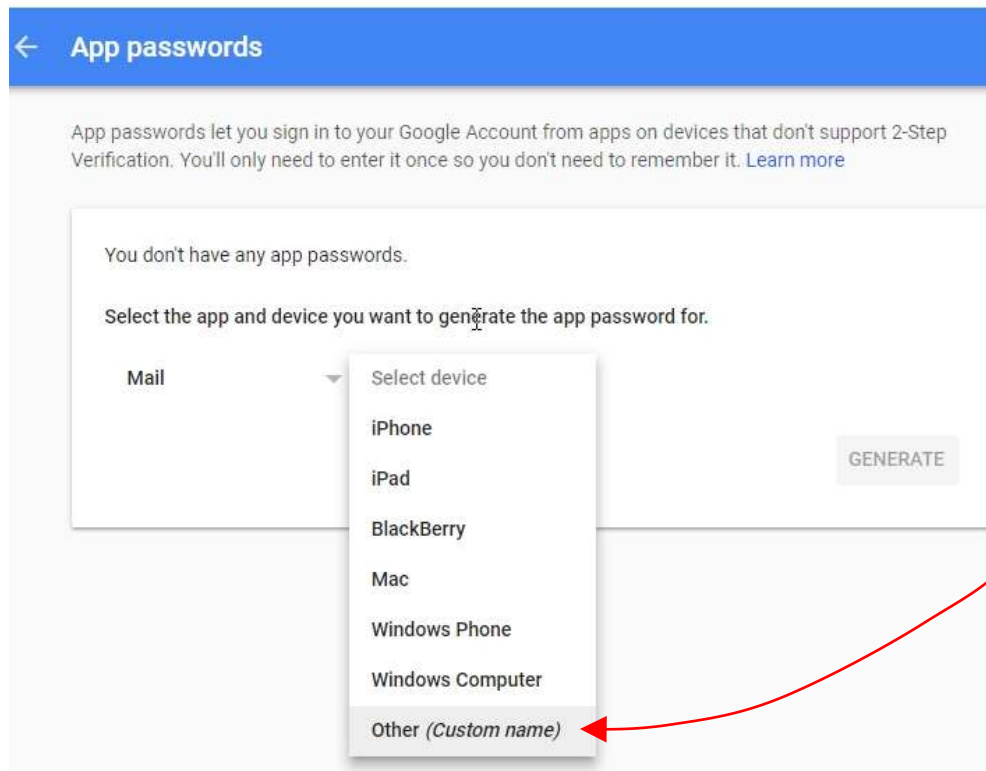
Contacts

YouTube

Other (Custom name)

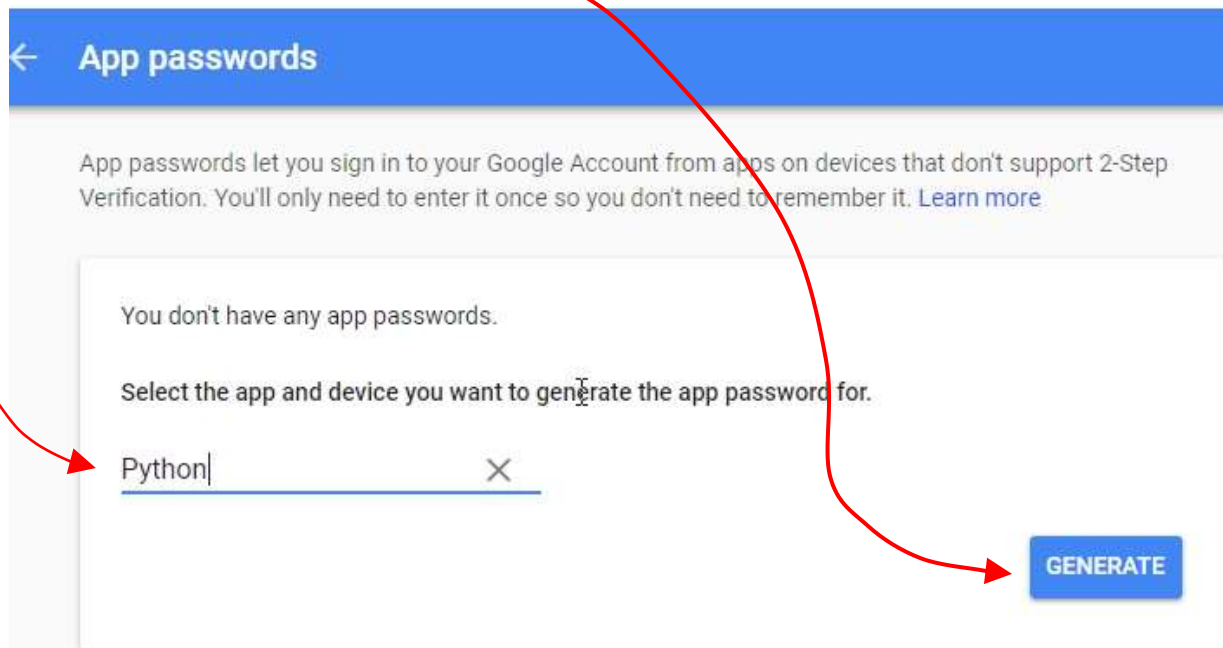
GENERATE

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



The screenshot shows the 'App passwords' screen with a blue header. Below the header, there is a text block explaining app passwords. A form area contains a dropdown menu for 'Mail' and a 'Select device' dropdown menu. The 'Select device' menu is open, showing options: iPhone, iPad, BlackBerry, Mac, Windows Phone, Windows Computer, and 'Other (Custom name)' which is highlighted. A red arrow points from the instruction text to this option. A 'GENERATE' button is visible to the right of the device selection.

7. Enter "Python" and select GENERATE:



The screenshot shows the 'App passwords' screen. The 'Mail' dropdown is now replaced by a text input field containing 'Python'. A red arrow points from the instruction text to this field. Another red arrow points from the same instruction text to the 'GENERATE' button, which is now highlighted in blue. The 'Select device' dropdown is no longer visible.

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:

Password:

DONE

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

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](#)

Your app passwords

Name	Created	Last used	
Python	12:13 PM	–	

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

Select app ▼ Select device ▼

GENERATE

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



11. In the QtumMonConfig.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.

```
qtumMonConfig.txt - Notepad
File Edit Format View Help
# qtumMonConfig.txt
#
# configuration file for QtumMon.py
# Last change 10/14/2017
#
"hostname": LD18,                                # used to label this machine, useful for multi-machine environments
"sendemail": true,                                # Send an email when get reward, or in errors
"sendhourlyemail": true,                          # send an email on the hour with status
"setdomestic": true,                              # send the email to a domestic or international mobile
"domesticaddress": 9876543210@txt.att.net,         # email for domestic
"internationaladdress": 87654321@starhubenterprise messaging.com # email for international
"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
"UTCtimezoneoffset": 8,                           # local time zone offset from UTC
```