**Email API Options**

**Pythonanywhere**

Allows use of Gmail SMTP for free users. They also mention Mailgun and Sendgrid.

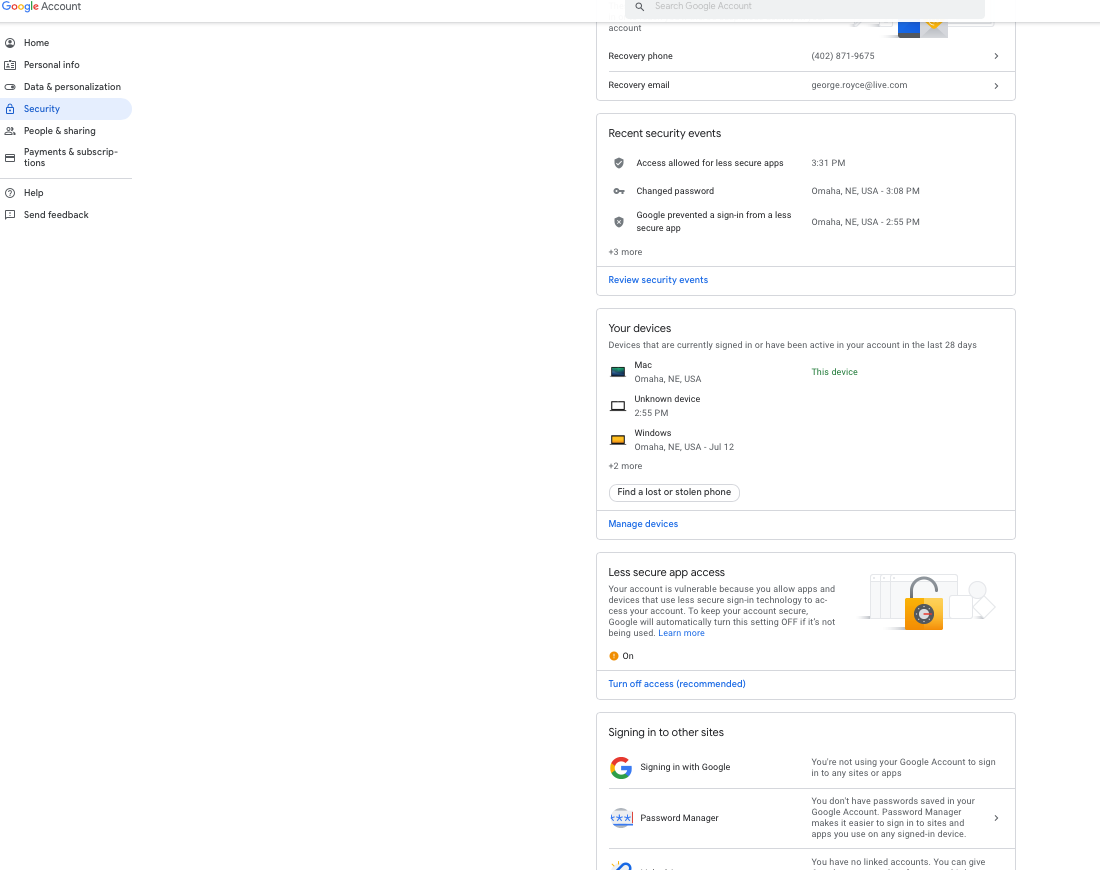
Note, it is best to set up a new gmail account for this since allowing your account to connect via SMTP is a risk.

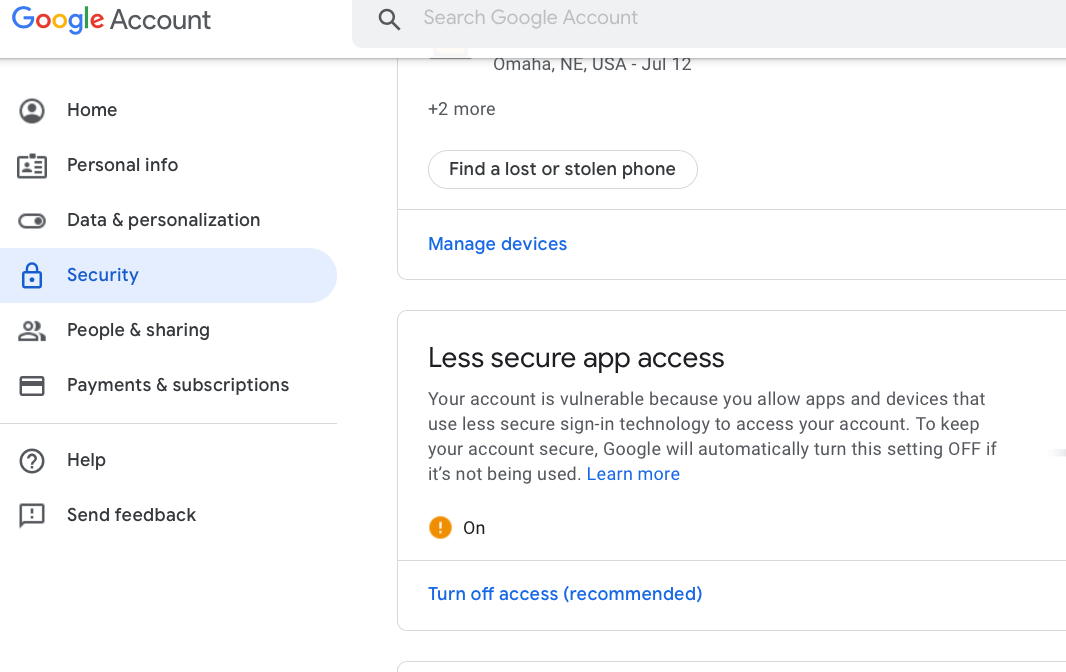
[Click here for details on free email use on PythonAnywhere](https://help.pythonanywhere.com/pages/SMTPForFreeUsers/)

Set up a gmail account for your yourself that is **only used for applications**. Initially give it a strong password (you can remember) turn on ‘Less Secure Apps:

In your gmail account:

* click the Settings gear in the upper right corner
* Select ‘Accounts and Import’
* Select ‘Change Account Settings’
* Select ‘Other Google Account Settings’
* After new page loads: Select ‘Security’ in the pane on the left
* Scroll down and turn on ‘Less Secure Apps’



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**BE SURE TO TURN ON LESS SECURE APP ACCESS. IT WILL NOT WORK WITHOUT IT.**

**YOU MAY ALSO NEED GO INTO THE EMAIL ACCOUNT AND TELL GOOGLE THAT IT WAS YOU SENDING THE EMAIL FROM OTHER LOCATIONS AND CHECK EVERY DAY UNTIL THE ASSIGNMENT IS GRADED THAT GOOGLE HAS NOT TURNED OFF LESS SECURE APP ACCESS.**

**Open your Django Application:**

Open your Django Application and add this in Settings.py (be sure to use your new username and password for the gmail account you just created):

EMAIL\_HOST = **'smtp.gmail.com'**

EMAIL\_HOST\_USER = **'YOUR USER NAME'**

EMAIL\_HOST\_PASSWORD = **'YOUR PASSWORD'**

EMAIL\_PORT = 587

EMAIL\_USE\_TLS = True

**Test the email account on your machine first then move to PythonaAnywhere:**

**In the Terminal Window – enter the following:**

**python manage.py runserver**

**from django.core.mail import send\_mail**

**send\_mail('Django mail', 'This e-mail was sent with Django.', *yourNewGmail@gmail.com’*, ‘*recipientEmailAddress*’, fail\_silently=False)**

**Check the recipient email address and verify the message was received.**

**See Django By Example, chapter 2 for more details.**

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**Heroku**

Typically Heroku does not allow Gmail but if that has changed let me know. They suggest using Sendgrid which has a free account tier. [Click here for details](https://devcenter.heroku.com/articles/smtp)[.](https://elements.heroku.com/addons/sendgrid)

I suggest you use **Mailgu**n which also works for Heroku Apps. [Click here for Mailgun](https://www.mailgun.com/)

**Providers**

[Click here to sign up for Sendgrid](https://sendgrid.com/)

[Click here for MailTrap](https://mailtrap.io/)

[Click here for Mailgun](https://www.mailgun.com/)

|  |
| --- |
| EMAIL\_HOST = 'smtp.mailgun.org'  EMAIL\_HOST\_USER = '**postmaster@sandbox2d9bd........your key longer.mailgun.org**'  EMAIL\_HOST\_PASSWORD = '**22666cbff8........your key longer**'  EMAIL\_PORT = '2525' (or if this port does not work try 587) |

Api approach for Mailgun

[https://anymail.readthedocs.io/en/stable/#](https://anymail.readthedocs.io/en/stable/)

Mailtrap