



SendGrid Integration with Python Code


Creating API Key:

API Key Name •
testAPIKey1 ?

API Key Permissions • ?

☒  **Full Access**
Allows the API key to access GET, PATCH, PUT, DELETE, and POST endpoints for all parts of your account, excluding billing and Email Address Validation.

☐  **Restricted Access**
Customize levels of access for all parts of your account, excluding billing and Email Address Validation.

☐  **Billing Access**
Allows the API key to access billing endpoints for the account. (This is especially useful for Enterprise or Partner customers looking for more advanced account management.)

Cancel

Create & View



API Key Created

Please copy this key and save it somewhere safe.
For security reasons, we cannot show it to you again



Done

Python code:

```
1  from flask import Flask
2  from flask_mail import Mail, Message
3
4  app = Flask(__name__)
5  mail = Mail(app) # instantiate the mail class
6
7  # configuration of mail
8  app.config['MAIL_SERVER'] = 'smtp.gmail.com'
9  app.config['MAIL_PORT'] = 465
10 app.config['MAIL_USERNAME'] = 'vasanthv012001@gmail.com'
11 app.config['MAIL_PASSWORD'] = '*****'
12 app.config['MAIL_USE_TLS'] = False
13 app.config['MAIL_USE_SSL'] = True
14 mail = Mail(app)
15
16 # message object mapped to a particular URL '/'
17
18
19 @app.route("/Email")
20 def index():
21     send = msg
22     msg = Message(
23         'Hello',
24         sender='vasanthv012001@gmail.com',
25         recipients=[''])
26     )
27     msg.body = 'This mail is for...'
28     mail.send(msg)
29     send = (msg)
30     return 'send'
```

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Project Name: Plasma Donor Application