

SendGrid Integration with Python Code

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Creating API Key

Create API Key

API Key Name •

testAPIKey|



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

[REDACTED API KEY]

Done

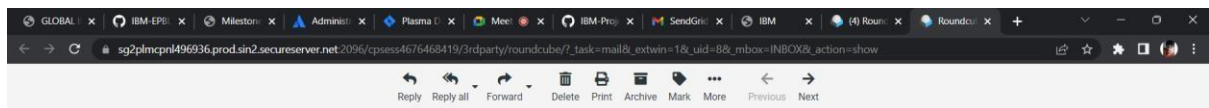
Python Code:

```
from flask import Flask import
sendgrid import os from sendgrid
import SendGridAPIClient from
sendgrid.helpers.mail import Mail
from flask_mail import Mail, Message
    app = Flask(__name__) mail = Mail(app) #
instantiate the mail class

# configuration of mail
app.config['MAIL_SERVER']='smtp.gmail.com'
app.config['MAIL_PORT'] = 465 app.config['MAIL_USERNAME'] =
'510919205023@smartinternz.com' app.config['MAIL_PASSWORD']
= '*****' app.config['MAIL_USE_TLS'] = False
app.config['MAIL_USE_SSL'] = True mail = Mail(app)

#message object mapped to a particular URL '/'
@app.route("/Email") def index():    send = msg    msg
= Message(
    'Hello',
sender = '510919205023@smartinternz.com',
recipients = [''])
    msg.body = 'Integrating done with Sendgrid and python
code!'    mail.send(msg)    send = (msg)    return 'send'
    if __name__ ==
'__main__':
app.run(debug = True)
```

Output:



Integrating done with SendGrid and python code!