

# SendGrid Integration with Python Code

## 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'] =
'510919205030@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 Message('Hello', sender
='510919205030@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)
```

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