

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'] = '0464@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='04604@smartinternz.com',
        recipients = [''])
    msg.body = 'Integrating done with Sendgrid and python code!'
    mail.send(msg)
    send = (msg)
    return 'send'

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if __name__ == '__main__':
    app.run(debug = True)
```

Team id = PNT2022TMID04604

Output:

