Team ID	PNT2022TMID17287
Project Name	CONTAINMENT ZONE ALERTING

## Integrating SendGrid Service

**SendGrid Integration With Python Code** 

To send emails from the application we need to integrate the SendGrid Service.

## sendgrid/sendgridpython



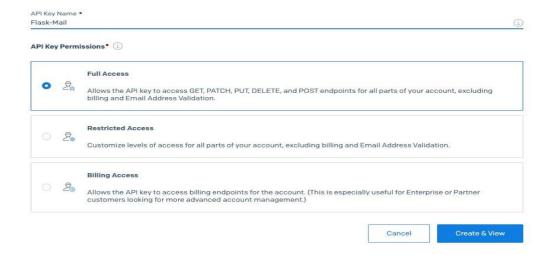
The Official Twilio SendGrid Python API Library

 $\stackrel{>}{\sim}$  185  $\stackrel{\bigcirc}{\circ}$  12k  $\stackrel{\hookrightarrow}{\simeq}$  1k  $\stackrel{\lor}{\sim}$  675 Contributors Used by Stars Forks



```
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
message = Mail(
    from_email='from_email@example.com',
    to_emails='to@example.com',
    subject='Sending with Twilio SendGrid is Fun',
    html_content='<strong>and easy to do anywhere, even with Python</strong>')
sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
response = sg.send(message)
print(response.status_code, response.body, response.headers)
```

## **Create API Key**



## **SendGrid Integration:**

```
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
message = Mail(
  from_email='from_email@example.com',
  to_emails='to@example.com',
  subject='Sending with Twilio SendGrid is Fun',
  html_content='<strong>and easy to do anywhere, even with Python</strong>')
try:
  sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
  response = sg.send(message)
  print(response.status_code)
  print(response.body)
  print(response.headers)
except Exception as e:
  print(e.message)
```