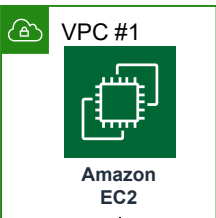


Configurations



Download
Dependencies
for build/test

Configure
Jenkins Agent



Build

Python
virtual
environment

Install required
packages from
requirements.txt

Run the
Flask
app

Test

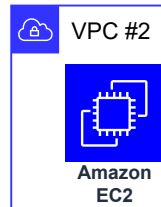
Activate
Python
Environment

Run
pytest

GET
requests
to the
server



Deploy



Jenkins
Agent #1

Kill Gunicorn
process if
running

Gunicorn
(App Server)

Nginx
(Web Server)

Run the
app



Cypress Test



Jenkins
Agent #2

Cypress test
directory

API Call



Notification



API KEY



Jenkins
Agent #2



SMTP
Server