<https://github.com/iam-veeramalla/devops-cloud-interview-guide/blob/main/12-python/01-common-packages-used.md>

1. Boto3

import boto3

ec2 = boto3.client('ec2')

response = ec2.run\_instances(

ImageId='ami-09c813fb71547fc4f', # Replace with the desired AMI ID

InstanceType='t2.micro',

MinCount=1,

MaxCount=1,

)

A screenshot of a computer

AI-generated content may be incorrect.

instance\_id\_to\_terminate = 'i-0f632954f464e30d0' # Replace with the ID of the instance you want to terminate

response = ec2.terminate\_instances(InstanceIds=[instance\_id\_to\_terminate])

state = response['TerminatingInstances'][0]['CurrentState']['Name']

print(f"Instance {instance\_id\_to\_terminate} is now {state}")

$ python 1.py

Instance i-0f632954f464e30d0 is now shutting-down

2.

*pip install paramiko*

import paramiko

ssh = paramiko.SSHClient()

ssh.set\_missing\_host\_key\_policy(paramiko.AutoAddPolicy())

ssh.connect(hostname='ip-172-31-36-50.ec2.internal', username='ec2-user', password='DevOps321')

stdin, stdout, stderr = ssh.exec\_command('uptime')

print(stdout.read().decode())

ssh.close()

1. HTTP Requests

import requests

r = requests.get('https://httpbin.org/basic-auth/user/pass', auth=('user', 'pass'))

print(f'{r.status\_code}')

print(r.headers['content-type'])

print(r.text)

print(r.json())

200

application/json

{

"authenticated": true,

"user": "user"

}

{'authenticated': True, 'user': 'user'}

4.