Task 1

Client needs for you to stand up a new Web server within the public subnet of a VPC.

This server should be publicly accessible through the internet.

Server Requirements

1. VPC name: **DevVPC**
2. VPC CIDR: **10.0.0.0/16**
3. Subnet Name: **DevPublicSubnet**
4. Subnet CIDR: **10.0.0.0/24**
5. Internet Gateway Name: **DevIGW**
6. Route Table name: **DevPublicRT**
7. Server Name: **DevWebServer**
8. AMI: **Any standard free tier Linux 2 AMI**
9. Instance Type: **T2.micro**.
10. EBS Volume size: **8gb**
11. EBS Type: **gp3**

Task 2

Client wants to ensure there's a proper backup strategy in place to take periodic backup of **DevWebServer**

1. Create a backup plan to take a snapshot of **DevWebServer** once a month.

Task 3

Users are complaining that **DevWebServer** is running slow.

1. Send me a screen shot of **DevWebServer** showing the current CPU utilization graph.

Task 4

After confirmation CPU is at it's peak, it was agreed that **DevWebServer** needs an upgrade to increase CPU and memory

2. Upgrade **DevWebServer** from t2.micro to t2.small