

Name: Dijay Kumar Valautham
Student ID: PACE.K2420664D

Assignment for Module 2.10

6m-cloud-2.10-cdn-and-availability-zones /assignment.md

Hands-on group assignment:

As a group, choose a region in AWS console and create a new VPC with at least 2 subnets. (Think of how you can configure a public and private subnet differently.

Create an EC2 with AWS Apache Web Server installed in your newly created VPC.

[Alt+S]

EC2 > Instances > i-0cb0794793ec82ad1

Instance summary for i-0cb0794793ec82ad1 (Dijay-EC2-Apache Web Server) [Info](#)

[Refresh](#) [Connect](#) [Instance state](#) [Actions](#)

Updated 9 minutes ago

Instance ID i-0cb0794793ec82ad1 (Dijay-EC2-Apache Web Server)	Public IPv4 address 3.95.66.199 open address	Private IPv4 addresses 10.0.1.132
IPv6 address -	Instance state Running	Public IPv4 DNS -
Hostname type IP name: ip-10-0-1-132.ec2.internal	Private IP DNS name (IPv4 only) ip-10-0-1-132.ec2.internal	
Answer private resource DNS name -	Instance type t2.micro	Elastic IP addresses -
Auto-assigned IP address 3.95.66.199 [Public IP]	VPC ID vpc-0f3c5085f119ba698 (Dijay-VPC-26082024)	AWS Compute Optimizer finding No recommendations available for this instance.
IAM Role -	Subnet ID subnet-0201778db1632dba0 (Dijay-Subnet-26082024)	Auto Scaling Group name -

aws Services [Alt+S]

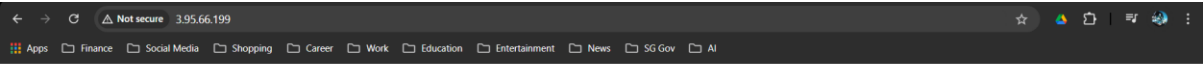
VPC EC2 S3

```
ec2-user@ip-10-0-1-132 ~]$ systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; preset: disabled)
   Active: active (running) since Mon 2024-08-26 18:32:06 UTC; 6min ago
     Docs: man:httpd.service(8)
  Main PID: 25989 (httpd)
    Status: "Total requests: 2; Idle/Busy workers 100/0; Requests/sec: 0.00501; Bytes served/sec: 3 B/sec"
     Tasks: 230 (limit: 1112)
    Memory: 16.1M
       CPU: 329ms
   CGroup: /system.slice/httpd.service
           └─25989 /usr/sbin/httpd -DFOREGROUND
             └─25990 /usr/sbin/httpd -DFOREGROUND
               └─25991 /usr/sbin/httpd -DFOREGROUND
                 └─25992 /usr/sbin/httpd -DFOREGROUND
                   └─25993 /usr/sbin/httpd -DFOREGROUND
                     └─26306 /usr/sbin/httpd -DFOREGROUND

Aug 26 18:32:05 ip-10-0-1-132.ec2.internal systemd[1]: Starting httpd.service - The Apache HTTP Server...
Aug 26 18:32:06 ip-10-0-1-132.ec2.internal systemd[1]: Started httpd.service - The Apache HTTP Server.
Aug 26 18:32:06 ip-10-0-1-132.ec2.internal httpd[25989]: Server configured, listening on: port 80
ec2-user@ip-10-0-1-132 ~]$
```

i-0cb0794793ec82ad1 (Dijay-EC2-Apache Web Server)

PublicIPs: 3.95.66.199 PrivateIPs: 10.0.1.132



It works!