

AWS

Task day 2

1- Create VPC :

Your VPCs (2) Info

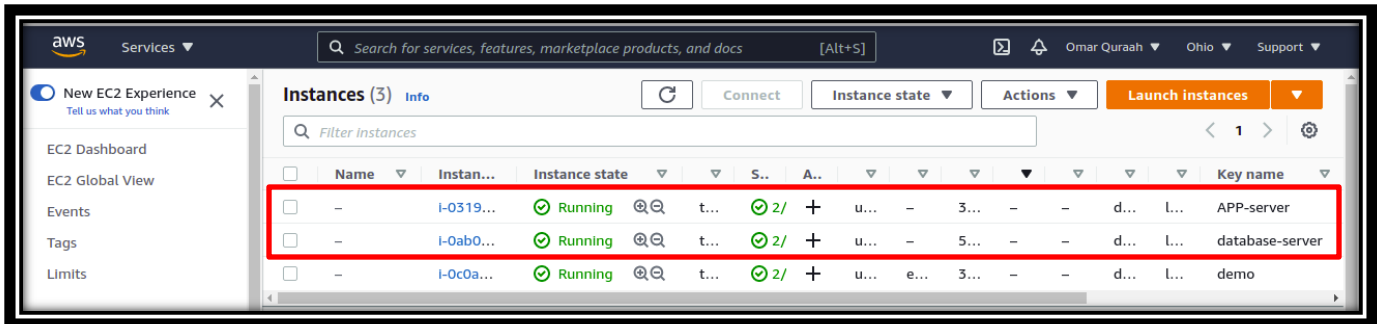
	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	-	vpc-7572071e	Available	172.31.0.0/16	-
<input type="checkbox"/>	mydemo-vpc	vpc-0c98f7508e4b2fd60	Available	10.0.0.0/16	-

2- Create 2 Subnets public and private :

Subnets (2/5) Info

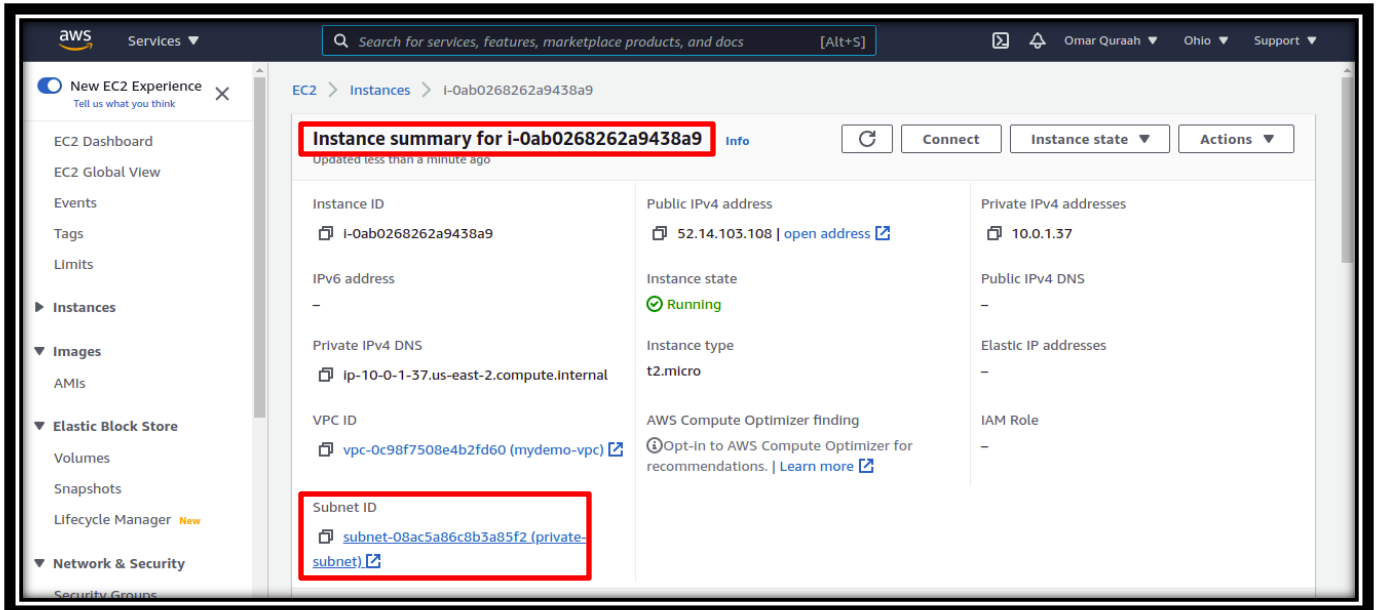
	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	-	subnet-949facd8	Available	vpc-7572071e	172.31.32.0/20
<input checked="" type="checkbox"/>	public-subnet	subnet-04442d9d083e9805a	Available	vpc-0c98f7508e4b2fd60 my...	10.0.2.0/24
<input type="checkbox"/>	-	subnet-1c02c961	Available	vpc-7572071e	172.31.16.0/20
<input checked="" type="checkbox"/>	private-subnet	subnet-08ac5a86c8b3a85f2	Available	vpc-0c98f7508e4b2fd60 my...	10.0.1.0/24
<input type="checkbox"/>	-	subnet-698d1002	Available	vpc-7572071e	172.31.0.0/20

3- Create 2 instances one in public and one in private :



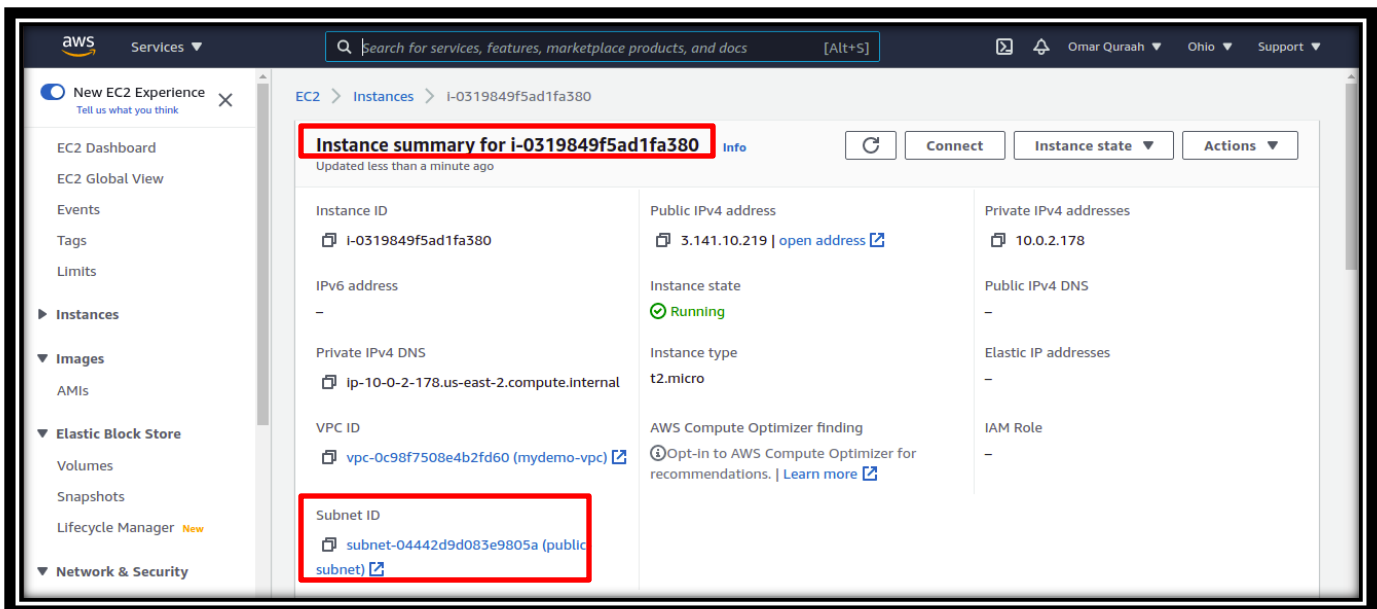
The screenshot shows the AWS Management Console 'Instances' page. A table lists three instances, with the first two highlighted by a red box:

Name	Instance ID	Instance state	Key name
-	i-0319...	Running	APP-server
-	i-0ab0...	Running	database-server
-	i-0c0a...	Running	demo



The screenshot shows the 'Instance summary for i-0ab0268262a9438a9' page. The instance is in a 'Running' state. The subnet ID is highlighted with a red box:

Subnet ID: [subnet-08ac5a86c8b3a85f2 \(private-subnet\)](#)



The screenshot shows the 'Instance summary for i-0319849f5ad1fa380' page. The instance is in a 'Running' state. The subnet ID is highlighted with a red box:

Subnet ID: [subnet-0442d9d083e9805a \(public-subnet\)](#)

4- Create IGW, RT, NGW:

a. IGW:

Internet gateways (2) Info

Filter Internet gateways

<input type="checkbox"/>	Name	Internet gateway ID	State	VPC ID	Owner
<input type="checkbox"/>	mydemo-IGW	igw-05bdc235f32941cce	Attached	vpc-0c98f7508e4b2fd60 mydemo-vpc	360
<input type="checkbox"/>	-	igw-3b2e3953	Attached	vpc-7572071e	360

Select an internet gateway above

b. NGW:

NAT gateways (1/1) Info

Filter NAT gateways

<input type="radio"/>	Name	NAT gateway ID	Connectivity...	State	State message	Elastic IP
<input checked="" type="radio"/>	mydemo-NGW	nat-073c79e5686b68022	Public	Available	-	3.141.90

c. Route Tables:

Route tables (4) Info

Filter route tables

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC
<input type="checkbox"/>	RTprivate	rtb-0aa14ac0b7df5d69d	subnet-08ac5a86c8b3a...	-	No	vpc-0c98f7508e4b2fd60 mydemo-vpc
<input type="checkbox"/>	-	rtb-11f7c57a	-	-	Yes	vpc-7572071e
<input type="checkbox"/>	RTpublic	rtb-03b359dfb154d363d	subnet-04442d9d083e9...	-	No	vpc-0c98f7508e4b2fd60 mydemo-vpc
<input type="checkbox"/>	-	rtb-030ee73c360084e2a	-	-	Yes	vpc-0c98f7508e4b2fd60 mydemo-vpc

i. RT for private subnet:

The screenshot displays the AWS Management Console interface for a Route Table. The left sidebar shows the navigation menu with 'Route Tables' highlighted. The main content area shows the details for Route Table ID 'rtb-0aa14ac0b7df5d69d'. The 'Explicit subnet associations' field is highlighted with a red box, showing 'subnet-08ac5a86c8b3a85f2 / private-subnet'. Below this, the 'Routes' tab is selected, showing a table with 2 routes. The second route is highlighted with a red box, showing the target 'nat-073c79e5686b68022'.

Route table ID: rtb-0aa14ac0b7df5d69d

Main: No

Explicit subnet associations: subnet-08ac5a86c8b3a85f2 / private-subnet

Edge associations: -

VPC: vpc-0c98f7508e4b2fd60 | mydemo-vpc

Owner ID: 360387066388

Routes (2)

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
0.0.0.0/0	nat-073c79e5686b68022	Active	No

ii. RT for public subnet:

The screenshot displays the AWS Management Console interface for a Route Table. The left sidebar shows the navigation menu with 'Route Tables' highlighted. The main content area shows the details for Route Table ID 'rtb-03b359dfb154d363d'. The 'Explicit subnet associations' field is highlighted with a red box, showing 'subnet-04442d9d083e9805a / public-subnet'. Below this, the 'Routes' tab is selected, showing a table with 2 routes. The second route is highlighted with a red box, showing the target 'igw-05bdc235f32941cce'.

Route table ID: rtb-03b359dfb154d363d

Main: No

Explicit subnet associations: subnet-04442d9d083e9805a / public-subnet

Edge associations: -

VPC: vpc-0c98f7508e4b2fd60 | mydemo-vpc

Owner ID: 360387066388

Routes (2)

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
0.0.0.0/0	igw-05bdc235f32941cce	Active	No

