

ICC QUIZ

K191395

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Question 1:

Step1:

The screenshot shows the 'Create VPC' page in the AWS VPC Management Console. The page title is 'Create VPC' with an 'Info' link. Below the title, a description states: 'A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances.' The 'VPC settings' section includes 'Resources to create' with 'VPC only' selected, a 'Name tag - optional' field with 'vpcquiz1', 'IPv4 CIDR block' with 'IPv4 CIDR manual input' selected and '10.0.0.0/16' entered, and 'IPv6 CIDR block' with 'No IPv6 CIDR block' selected. The 'Tenancy' section is partially visible at the bottom.

Step 2:

The screenshot shows the 'Create Subnet' page in the AWS VPC Management Console. The page title is 'Create Subnet'. The 'VPC ID' section shows 'vpc-0b0ec2d6766d22dd6 (vpcquiz1)' selected. The 'Associated VPC CIDRs' section shows '10.0.0.0/16'. The 'Subnet settings' section includes 'Subnet 1 of 1' with a 'Subnet name' field containing 'pubsubnet1', an 'Availability Zone' dropdown set to 'US East (N. Virginia) / us-east-1a', and an 'IPv4 CIDR block' field containing '10.0.1.0/24'. There are also fields for 'Tags - optional' and 'Value - optional' at the bottom.

Step 3:

The screenshot shows the AWS VPC Management Console in the 'us-east-1' region. The page is titled 'Subnet 2 of 2'. The 'Subnet name' field is set to 'pubsubnet2'. The 'Availability Zone' is set to 'US East (N. Virginia) / us-east-1b'. The 'IPv4 CIDR block' is set to '10.0.2.0/24'. There is a 'Tags - optional' section with a key 'Name' and value 'pubsubnet2'. The 'Remove' button is visible at the top left of the form area. The footer shows '© 2023, Amazon Web Services, Inc. or its affiliates.' and links for 'Privacy', 'Terms', and 'Cookie preferences'.

Subnet 2 of 2

Subnet name
Create a tag with a key of 'Name' and a value that you specify.
pubsubnet2
The name can be up to 256 characters long.

Availability Zone [Info](#)
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
US East (N. Virginia) / us-east-1b

IPv4 CIDR block [Info](#)
10.0.2.0/24

Tags - optional

Key	Value - optional
Name	pubsubnet2

[Add new tag](#)
You can add 49 more tags.

[Remove](#)

[Add new subnet](#)

Step 4:

The screenshot shows the AWS VPC Management Console in the 'us-east-1' region. The page is titled 'Subnet 3 of 4'. The 'Subnet name' field is set to 'privsubnet1'. The 'Availability Zone' is set to 'US East (N. Virginia) / us-east-1a'. The 'IPv4 CIDR block' is set to '10.0.3.0/24'. There is a 'Tags - optional' section with a key 'Name' and value 'privsubnet1'. The 'Remove' button is visible at the top left of the form area. The footer shows '© 2023, Amazon Web Services, Inc. or its affiliates.' and links for 'Privacy', 'Terms', and 'Cookie preferences'.

Subnet 3 of 4

Subnet name
Create a tag with a key of 'Name' and a value that you specify.
privsubnet1
The name can be up to 256 characters long.

Availability Zone [Info](#)
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
US East (N. Virginia) / us-east-1a

IPv4 CIDR block [Info](#)
10.0.3.0/24

Tags - optional

Key	Value - optional
Name	privsubnet1

[Add new tag](#)
You can add 49 more tags.

[Remove](#)

Step 5:

Subnet 4 of 4

Subnet name
Create a tag with a key of 'Name' and a value that you specify.
privsubnet2
The name can be up to 256 characters long.

Availability Zone [Info](#)
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
US East (N. Virginia) / us-east-1b

IPv4 CIDR block [Info](#)
10.0.4.0/24

Tags - optional

Key Value - optional
Name privsubnet2 Remove

Add new tag
You can add 49 more tags.

Remove

Add new subnet

Step 6:

Internet gateway

The following internet gateway was created: igw-0c445b772b3d8fa28 - gateway1. You can now attach to a VPC to enable the VPC to communicate with the internet. [Attach to a VPC](#)

VPC > Internet gateways > igw-0c445b772b3d8fa28

igw-0c445b772b3d8fa28 / gateway1 [Actions](#)

Details [Info](#)

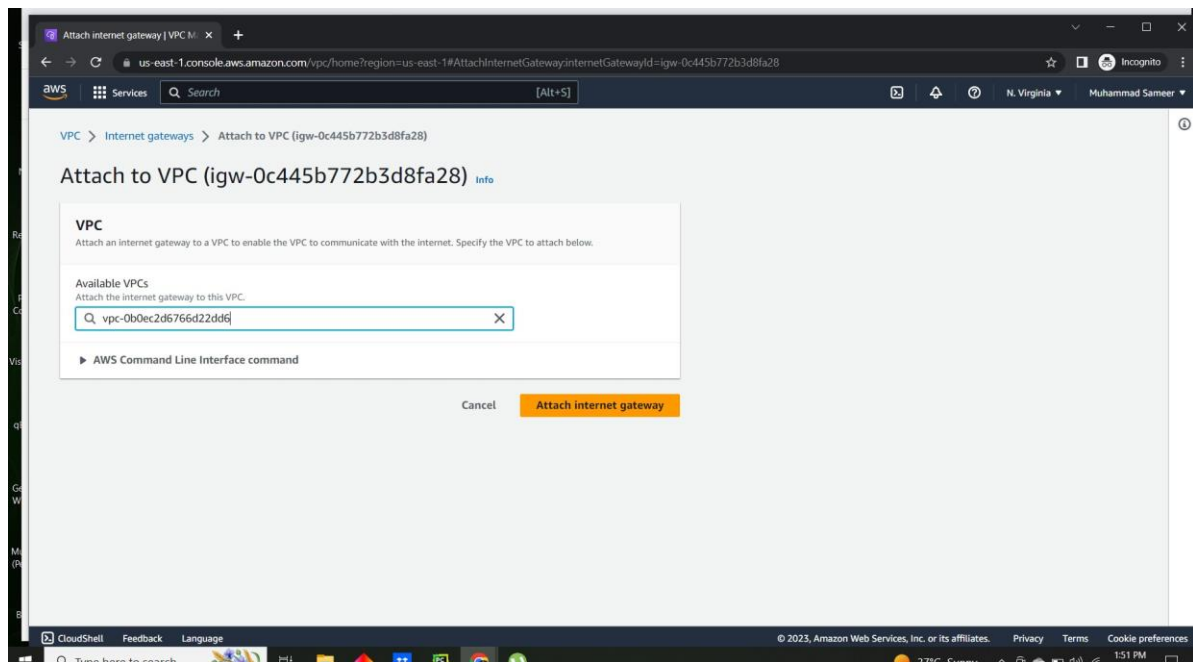
Internet gateway ID	State	VPC ID	Owner
igw-0c445b772b3d8fa28	Detached	-	167983247774

Tags [Manage tags](#)

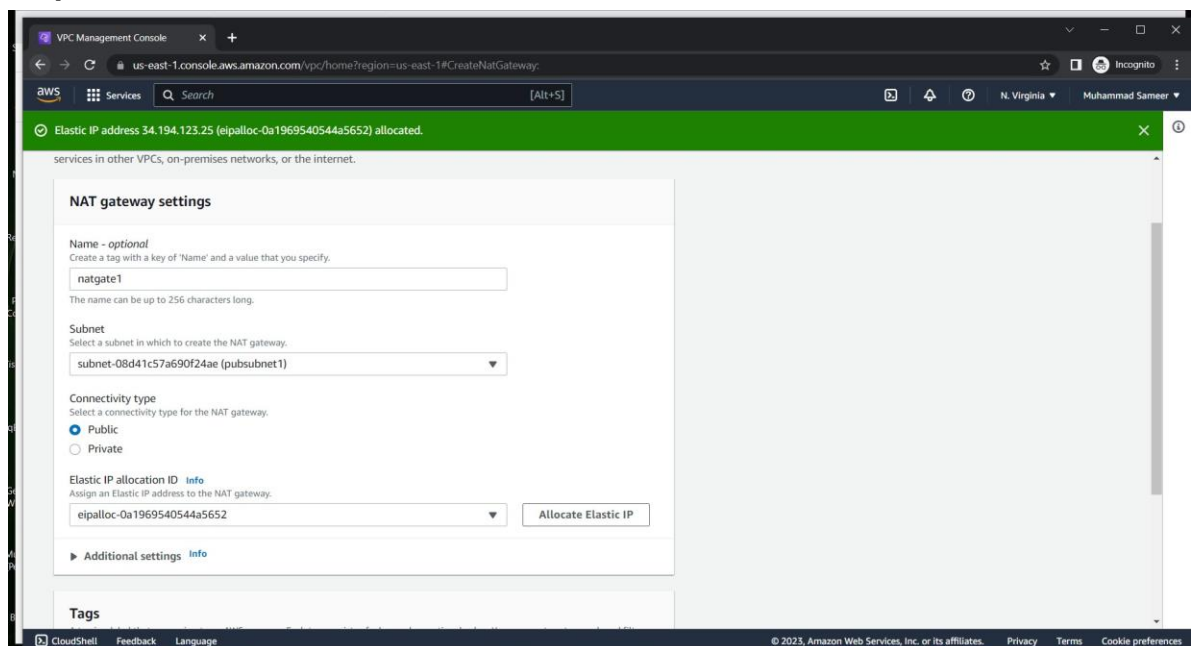
Search tags

Key	Value
Name	gateway1

Step 7:



Step 8:



Step 9:

VPC Management Console

us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#CreateRouteTable

VPC > Route tables > Create route table

Create route table [Info](#)

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings

Name - optional
Create a tag with a key of 'Name' and a value that you specify.

VPC
The VPC to use for this route table.

vpc-0b0ec2d6766d22dd6 (vpcquiz1)

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key	Value - optional	
<input type="text" value="Name"/>	<input type="text" value="myroute1"/>	<input type="button" value="X"/>

You can add 49 more tags.

Step 10:

VPC Management Console

us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#CreateRouteTable

VPC > Route tables > Create route table

Create route table [Info](#)

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings

Name - optional
Create a tag with a key of 'Name' and a value that you specify.

VPC
The VPC to use for this route table.

vpc-0b0ec2d6766d22dd6 (vpcquiz1)

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key	Value - optional	
<input type="text" value="Name"/>	<input type="text" value="myroute2"/>	<input type="button" value="X"/>

You can add 49 more tags.

Step 11:

The screenshot shows the 'Edit routes' page in the AWS VPC Management Console. The breadcrumb trail is 'VPC > Route tables > rtb-0872a8aac26353420 > Edit routes'. The page title is 'Edit routes'. Below the title is a table with columns: Destination, Target, Status, and Propagated. The first row shows a destination of '10.0.0.0/16' with a target of 'local', status 'Active', and 'No' for propagated. The second row shows a destination of '0.0.0.0/0' with a target of 'igw-0c445b772b3d8fa28', status '-', and 'No' for propagated. There is a 'Remove' button next to the second row. At the bottom right are 'Cancel', 'Preview', and 'Save changes' buttons.

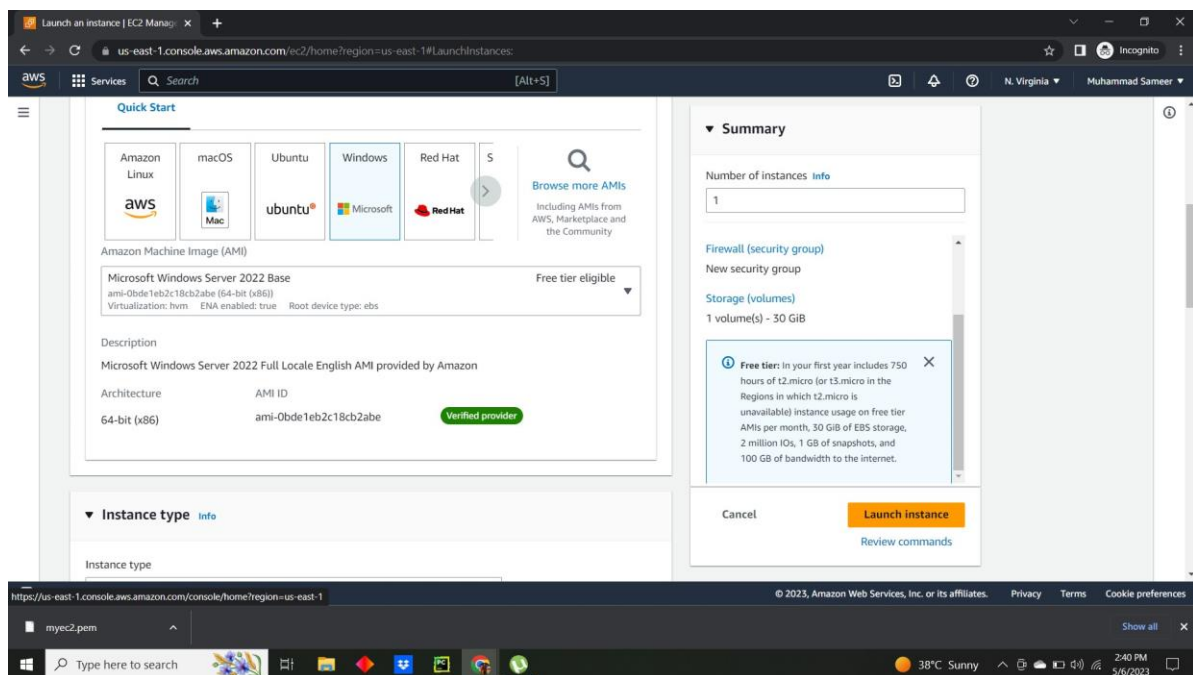
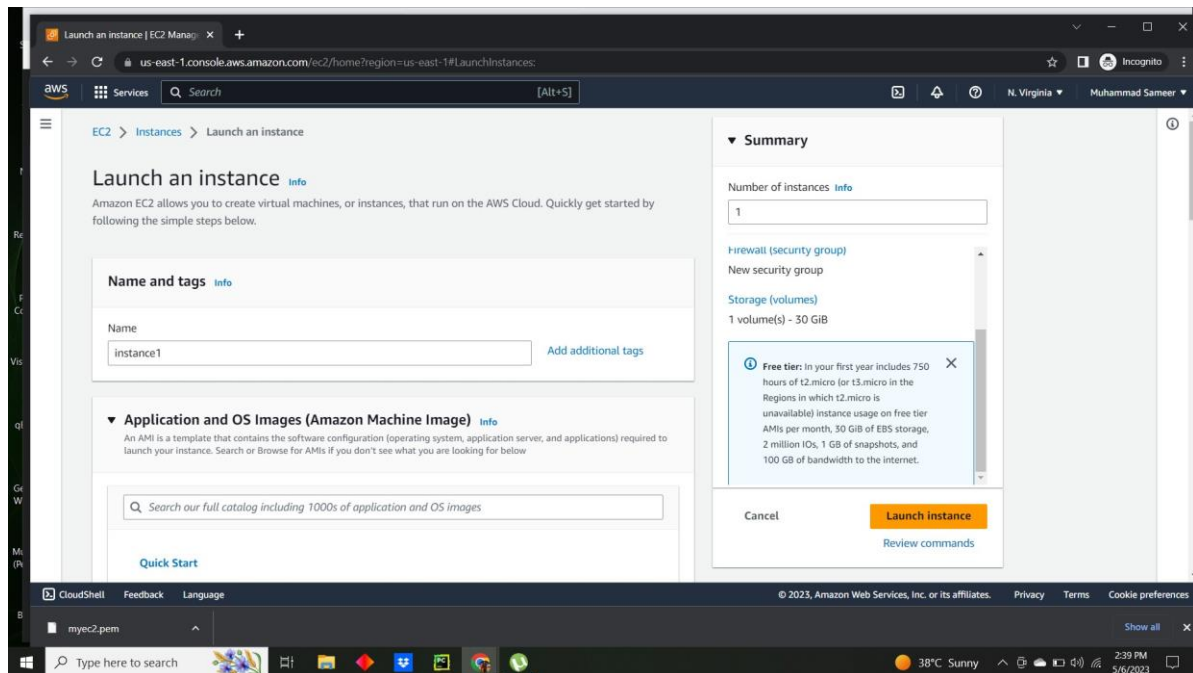
Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
0.0.0.0/0	igw-0c445b772b3d8fa28	-	No

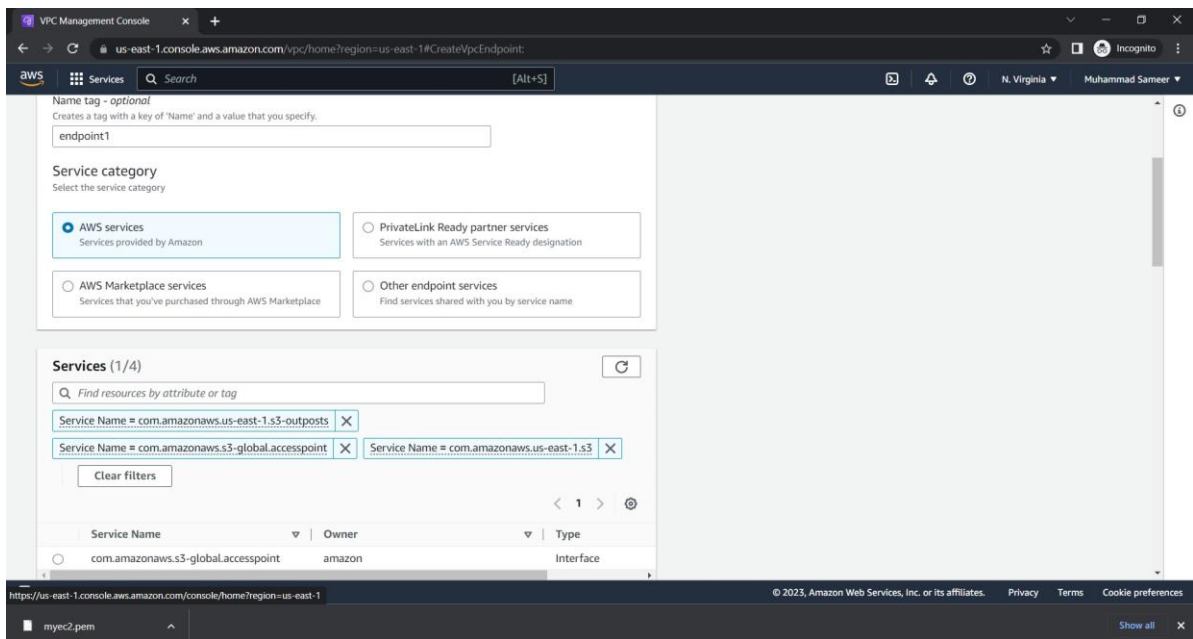
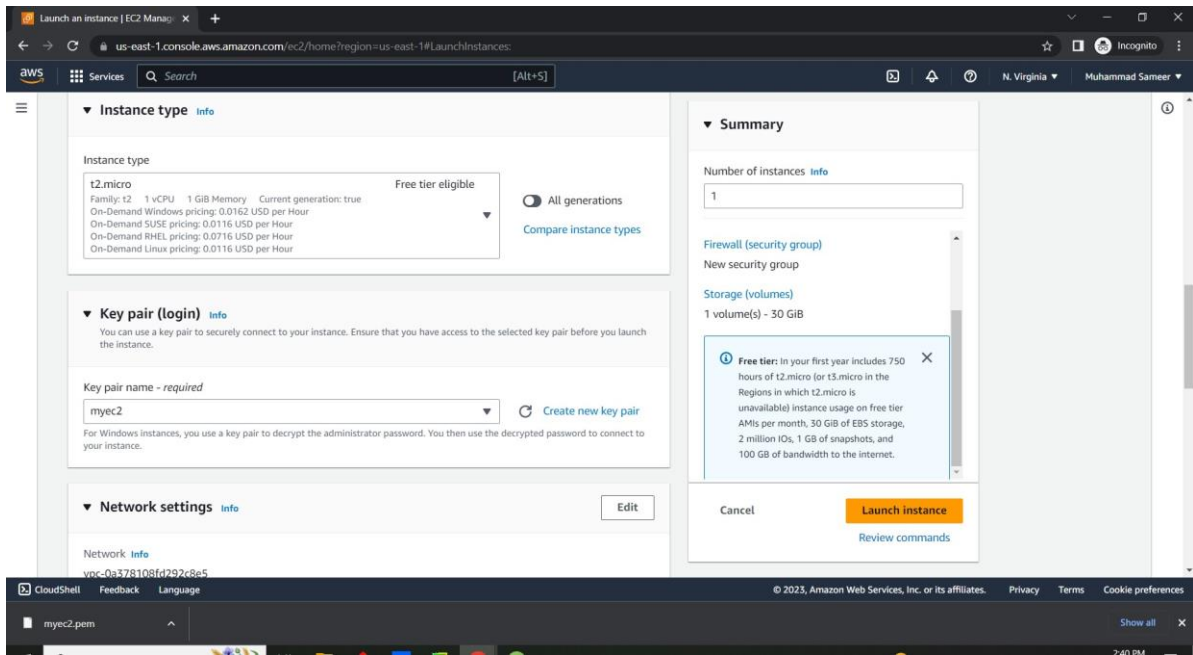
Step 12:

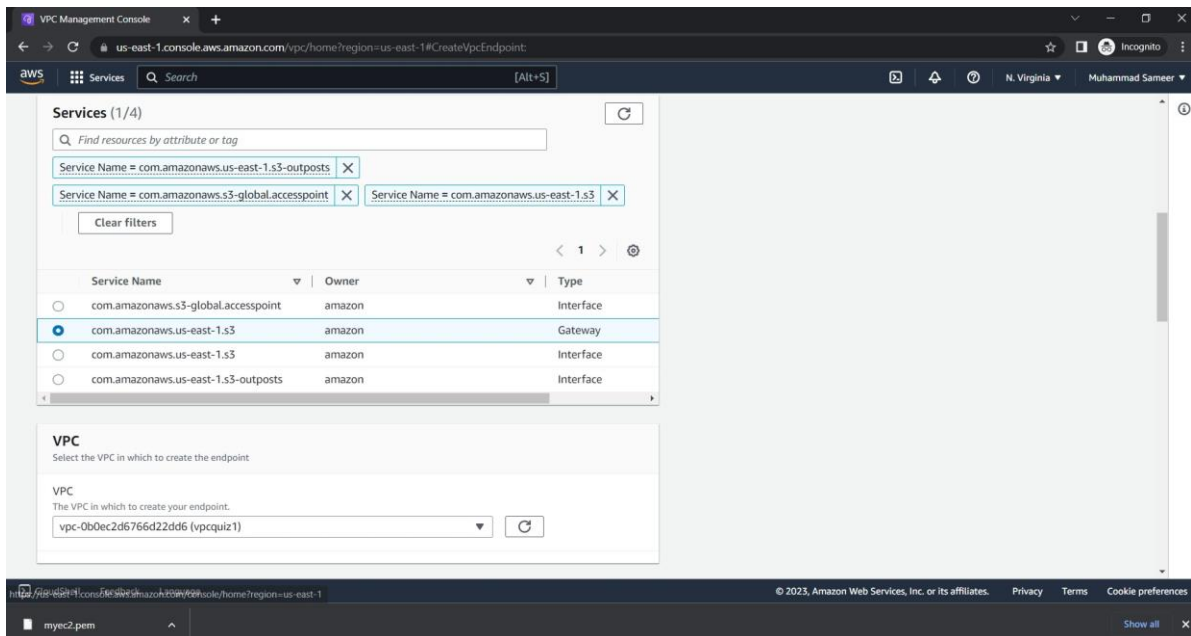
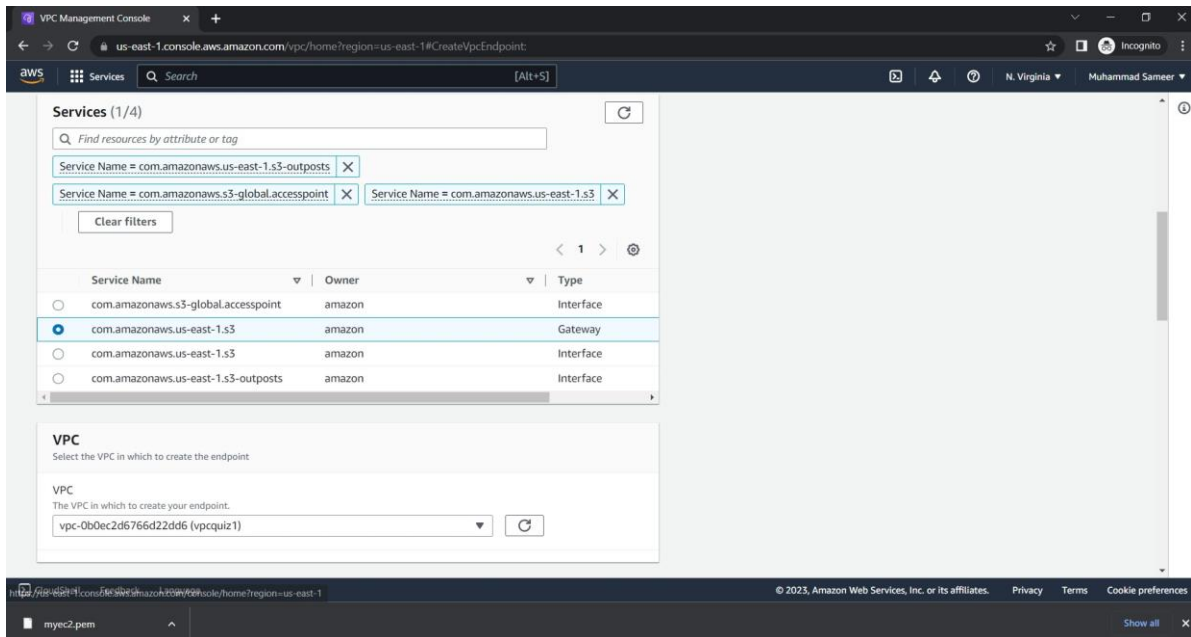
The screenshot shows the 'Edit subnet associations' page in the AWS VPC Management Console. The breadcrumb trail is 'VPC > Route tables > rtb-0872a8aac26353420 > Edit subnet associations'. The page title is 'Edit subnet associations' with a subtitle 'Change which subnets are associated with this route table.' Below the title is a section 'Available subnets (2/4)' with a search bar 'Filter subnet associations'. It contains a table with columns: Name, Subnet ID, IPv4 CIDR, IPv6 CIDR, and Route table ID. The first two rows are selected: 'pubsubnet1' (subnet-08d41c57a690f24ae, 10.0.1.0/24) and 'pubsubnet2' (subnet-091b59ca6b4cb2ba0, 10.0.2.0/24). Below this is a 'Selected subnets' section with two tags: 'subnet-08d41c57a690f24ae / pubsubnet1' and 'subnet-091b59ca6b4cb2ba0 / pubsubnet2'. At the bottom right are 'Cancel' and 'Save associations' buttons.

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
pubsubnet1	subnet-08d41c57a690f24ae	10.0.1.0/24	-	Main (rtb-069acff98905c4050)
pubsubnet2	subnet-091b59ca6b4cb2ba0	10.0.2.0/24	-	Main (rtb-069acff98905c4050)
privsubnet1	subnet-05e594aa4d5f21ec3	10.0.3.0/24	-	Main (rtb-069acff98905c4050)
privsubnet2	subnet-0ce79f007f505573e	10.0.4.0/24	-	Main (rtb-069acff98905c4050)

Question 2:







VPC Management Console

us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#CreateVpcEndpoint:

VPC

The VPC in which to create your endpoint.

vpc-0b0ec2d6766d22dd6 (vpcquiz1)

Route tables (1/3)

Find resources by attribute or tag

Name	Route Table ID	Main
<input type="checkbox"/> myroute1	rtb-0872a8aac26353420 (myroute1)	No
<input type="checkbox"/> -	rtb-069acff98905c4050	Yes
<input checked="" type="checkbox"/> myroute2	rtb-067b57d6006db3691 (myroute2)	No

When you use an endpoint, the source IP addresses from your instances in your affected subnets for accessing the AWS service in the same region will be private IP addresses, not public IP addresses. Existing connections from your affected subnets to the AWS service that use public IP addresses may be dropped. Ensure that you don't have critical tasks running when you create or modify an endpoint.

rtb-067b57d6006db3691

Policy

VPC endpoint policy controls access to the service.

CloudShell Feedback Language

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myec2.pem

VPC Management Console

us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#EditRoutes.RouteTableId=rtb-067b57d6006db3691

VPC > Route tables > rtb-067b57d6006db3691 > Edit routes

Edit routes

Destination	Target	Status	Propagated
pl-63a5400a	vpce-0a0505ecd354ad5bd	Active	No
10.0.0.0/16	local	Active	No
10.0.3.0/16	igw-0c445b772b3d8fa28	-	No

Add route

Remove

Cancel Preview Save changes

CloudShell Feedback Language

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myec2.pem

Type here to search

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