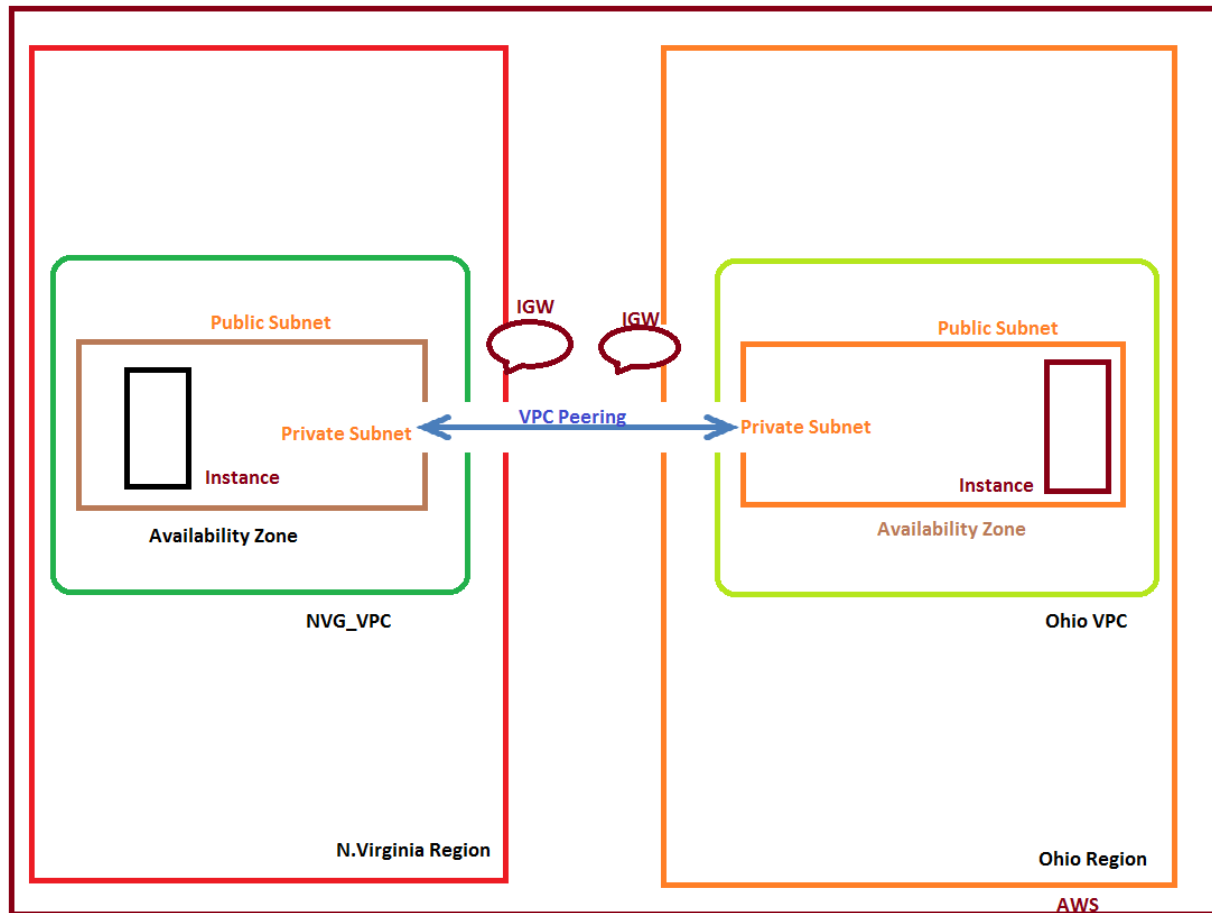


Lab 12

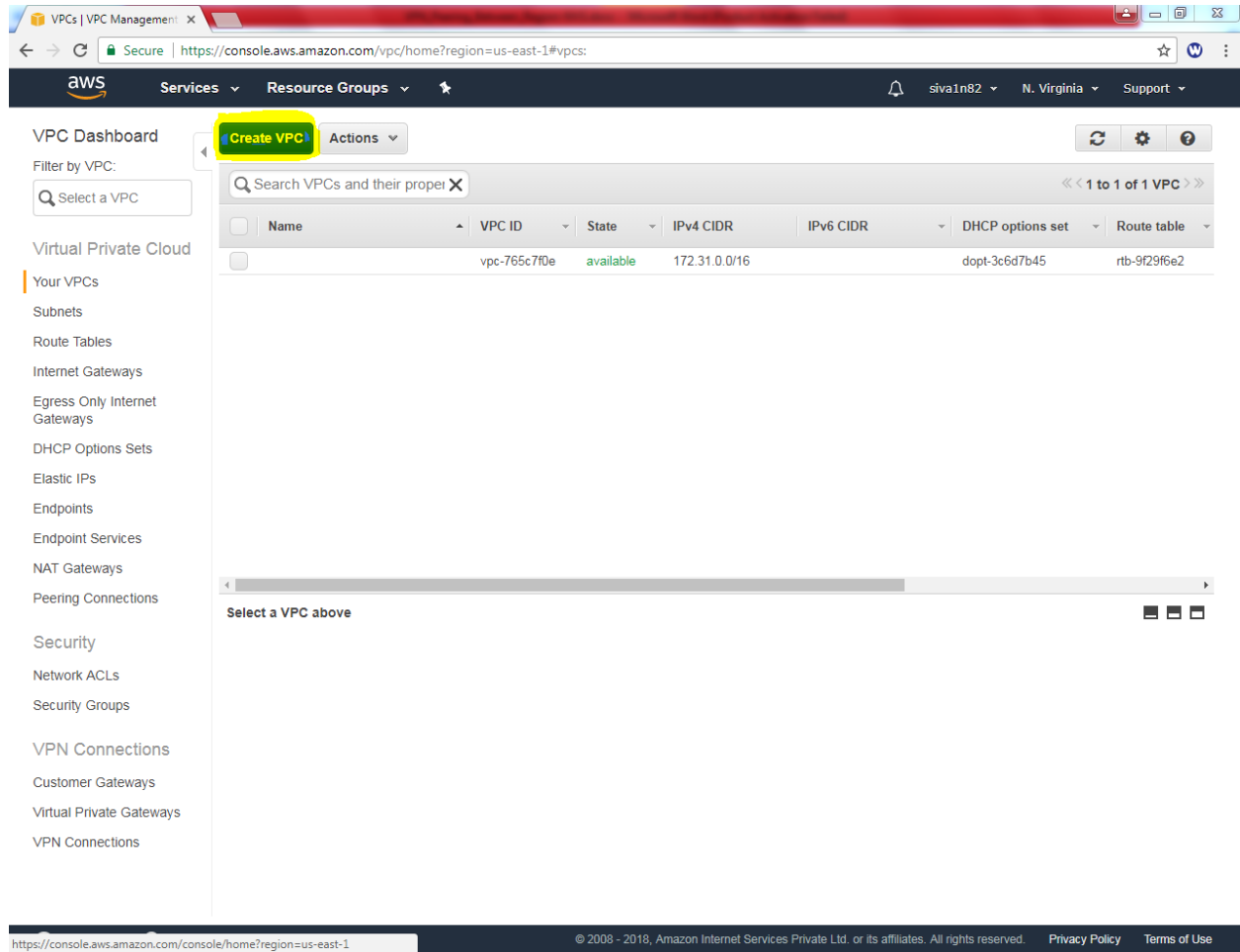
VPC Peering Lab – 1 of 3



Scenario:

In AWS, regions are not communicate by default. Our scenario is to connect private networks between two regions by configuring VPC Peering.

In VPC Dashboard, click create VPC



The screenshot shows the AWS VPC Dashboard in a web browser. The URL is <https://console.aws.amazon.com/vpc/home?region=us-east-1#vpcs>. The dashboard has a left-hand navigation menu with various VPC-related resources. The main area displays a table of existing VPCs. A yellow box highlights the 'Create VPC' button in the top-left corner of the main content area.

VPC Dashboard

Filter by VPC:

Virtual Private Cloud

- Your VPCs
- Subnets
- Route Tables
- Internet Gateways
- Egress Only Internet Gateways
- DHCP Options Sets
- Elastic IPs
- Endpoints
- Endpoint Services
- NAT Gateways
- Peering Connections

Create VPC Actions

Search VPCs and their properties

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP options set	Route table
	vpc-765c7f0e	available	172.31.0.0/16		dopt-3c6d7b45	rtb-9f29f6e2

Select a VPC above

© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. [Privacy Policy](#) [Terms of Use](#)

While create VPC, **Name tag** as “Sansbound_VPC” and **IPv4 CIDR Block** as 10.0.0.0/16

Create VPC ✕

A VPC is an isolated portion of the AWS cloud populated by AWS objects, such as Amazon EC2 instances. You must specify an IPv4 address range for your VPC. Specify the IPv4 address range as a Classless Inter-Domain Routing (CIDR) block; for example, 10.0.0.0/16. You cannot specify an IPv4 CIDR block larger than /16. You can optionally associate an Amazon-provided IPv6 CIDR block with the VPC.

Name tag ⓘ

IPv4 CIDR block* ⓘ

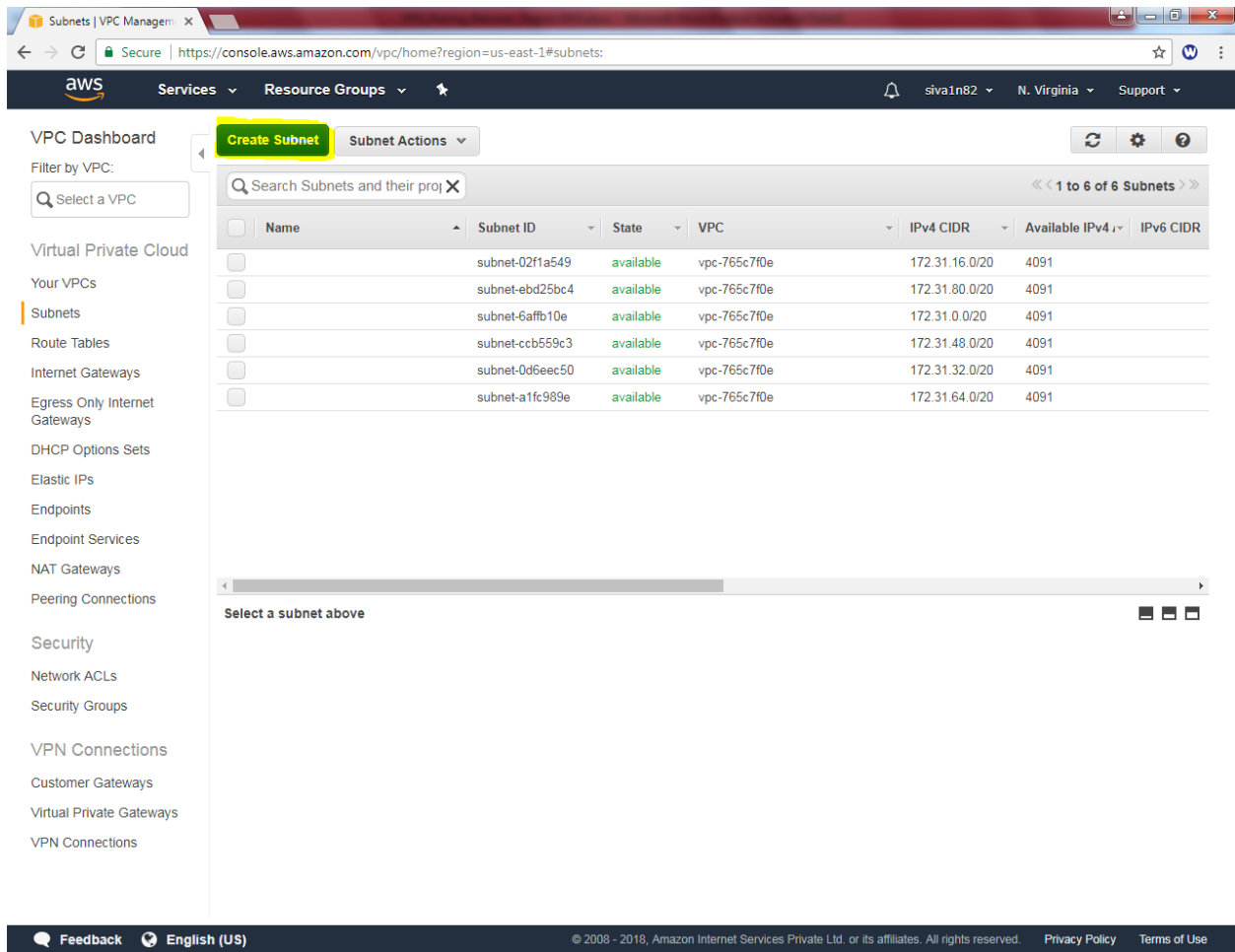
IPv6 CIDR block* ☒ No IPv6 CIDR Block ⓘ ☐ Amazon provided IPv6 CIDR block

Tenancy ⓘ

Cancel Yes, Create

Then click “Create”.

Then we need to create subnet for the VPC.



The screenshot shows the AWS Management Console VPC Dashboard. The left sidebar contains navigation links for VPC Dashboard, Your VPCs, Subnets, Route Tables, Internet Gateways, Egress Only Internet Gateways, DHCP Options Sets, Elastic IPs, Endpoints, Endpoint Services, NAT Gateways, Peering Connections, Security, Network ACLs, Security Groups, VPN Connections, Customer Gateways, Virtual Private Gateways, and VPN Connections. The main content area displays a table of subnets with columns for Name, Subnet ID, State, VPC, IPv4 CIDR, Available IPv4, and IPv6 CIDR. A 'Create Subnet' button is highlighted in the top left of the main area. Below the table, there is a section titled 'Select a subnet above' with three icons.

Name	Subnet ID	State	VPC	IPv4 CIDR	Available IPv4	IPv6 CIDR
	subnet-02f1a549	available	vpc-765c7f0e	172.31.16.0/20	4091	
	subnet-ebd25bc4	available	vpc-765c7f0e	172.31.80.0/20	4091	
	subnet-6affb10e	available	vpc-765c7f0e	172.31.0.0/20	4091	
	subnet-ccb559c3	available	vpc-765c7f0e	172.31.48.0/20	4091	
	subnet-0d6eec50	available	vpc-765c7f0e	172.31.32.0/20	4091	
	subnet-a1fc989e	available	vpc-765c7f0e	172.31.64.0/20	4091	

While creating subnet, **Name tag** as Sansbound_Public_subnet, **VPC** as “Sansbound VPC” **Availability zone** – 1B (Optional) and **IPv4 CIDR Block** as 10.0.2.0/24.

Create Subnet ✕

Use the CIDR format to specify your subnet's IP address block (e.g., 10.0.0.0/24). Note that block sizes must be between a /16 netmask and /28 netmask. Also, note that a subnet can be the same size as your VPC. An IPv6 CIDR block must be a /64 CIDR block.

Name tag ⓘ

VPC ⓘ

VPC CIDRs

CIDR	Status	Status Reason
10.0.0.0/16	associated	

Availability Zone ⓘ

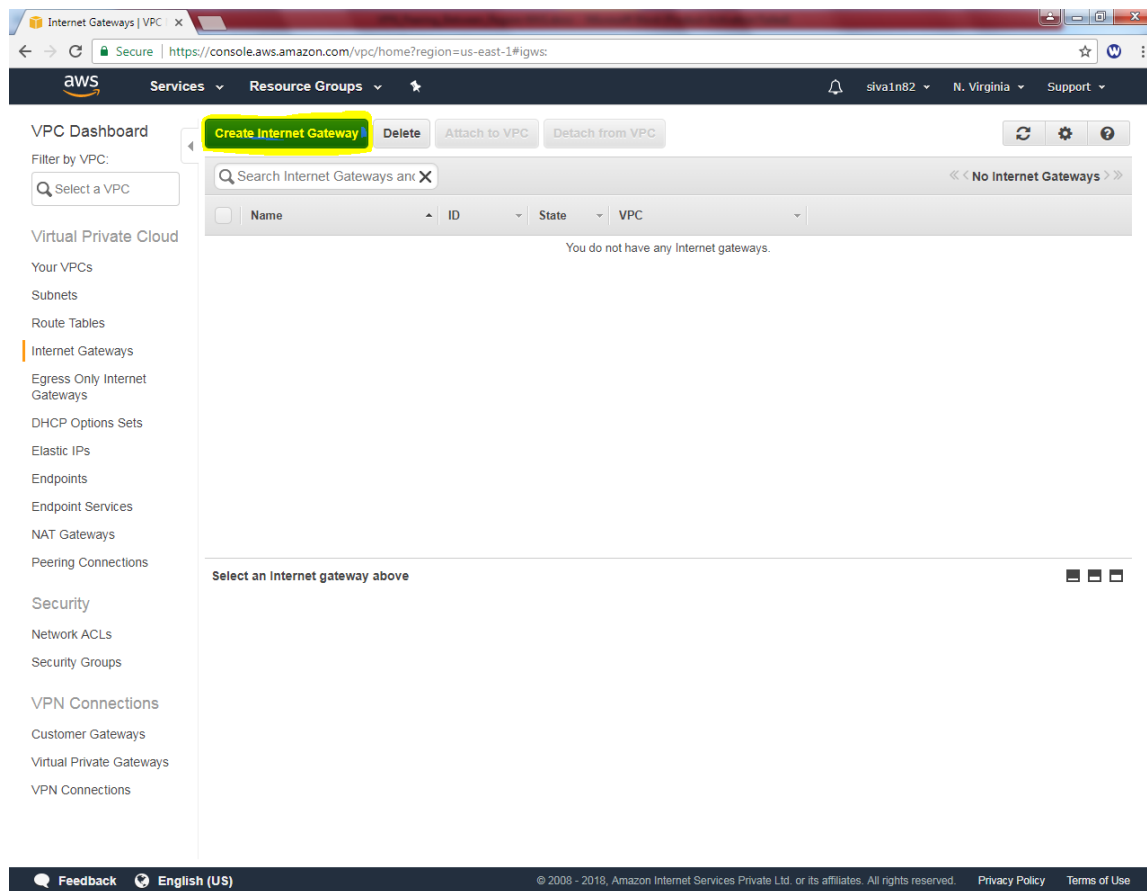
IPv4 CIDR block ⓘ

[Cancel](#) [Yes, Create](#)

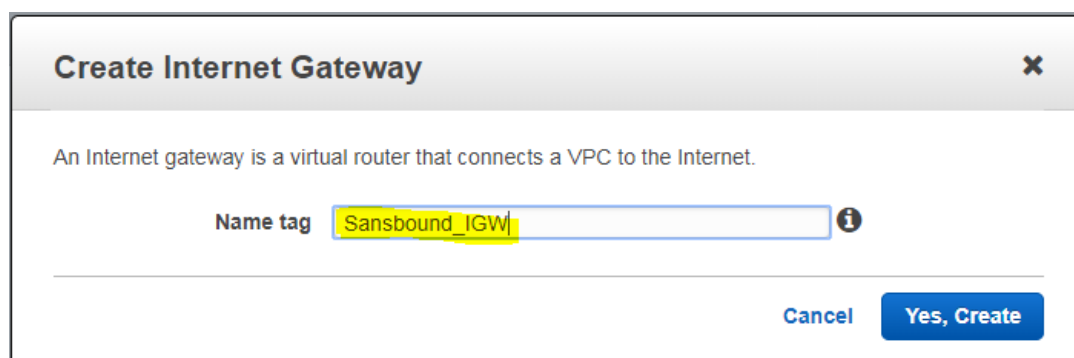
Then click “Yes, create”.

We need to create internet gateway to access the internet and connect the server publicly.

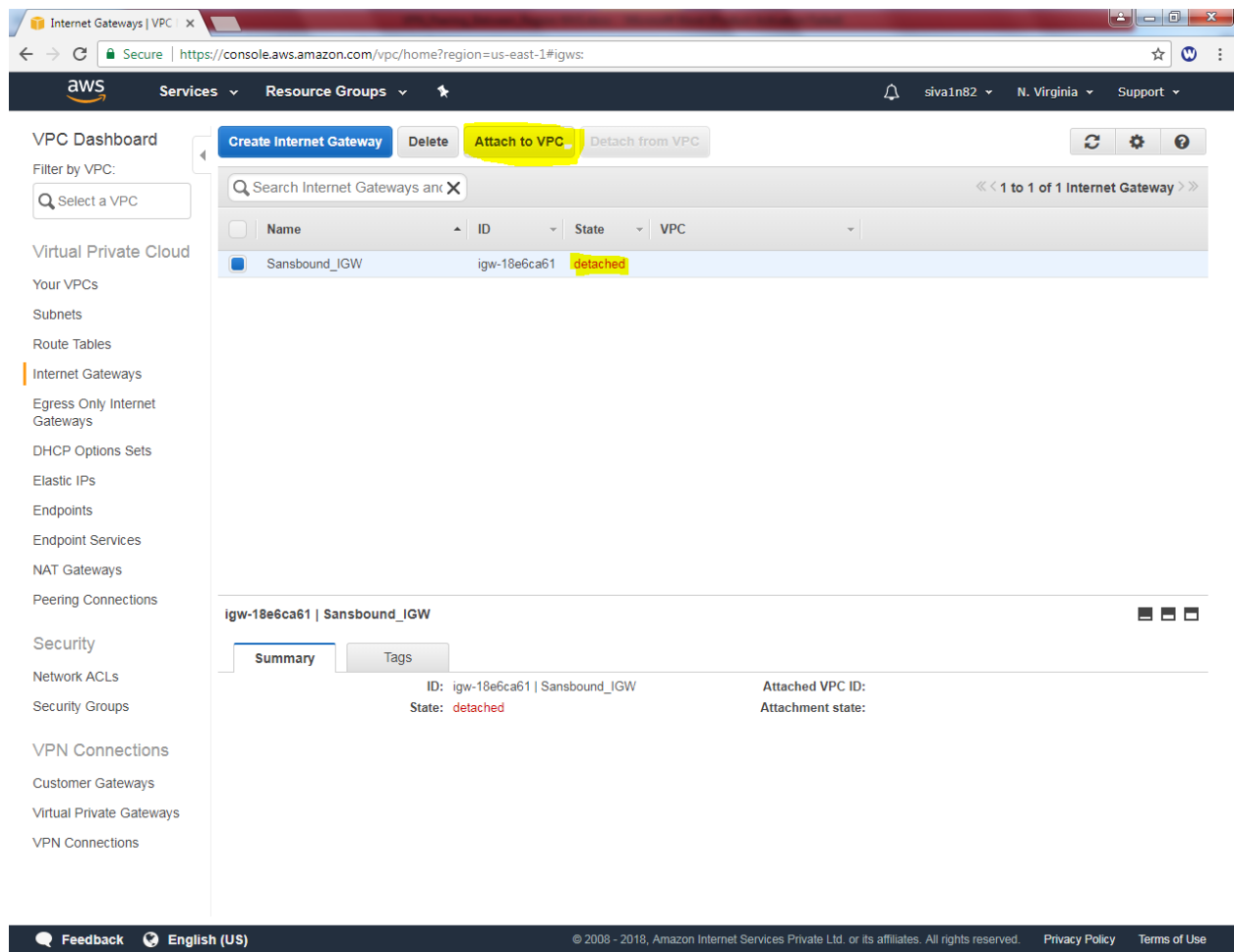
Click “Create Internet Gateway”



In **Name tag** “Sansbound IGW” and then click “Yes, create”.



In Internet gateway, it's in detached state, we need the attach the VPC.



Internet Gateways | VPC

Secure | <https://console.aws.amazon.com/vpc/home?region=us-east-1#igws>

aws Services Resource Groups

VPC Dashboard

Filter by VPC:

Virtual Private Cloud

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Internet Gateway Delete **Attach to VPC** Detach from VPC

Search Internet Gateways and X

<< 1 to 1 of 1 Internet Gateway >>

Name	ID	State	VPC
Sansbound_IGW	igw-18e6ca61	detached	

igw-18e6ca61 | Sansbound_IGW

Summary Tags

ID: igw-18e6ca61 | Sansbound_IGW

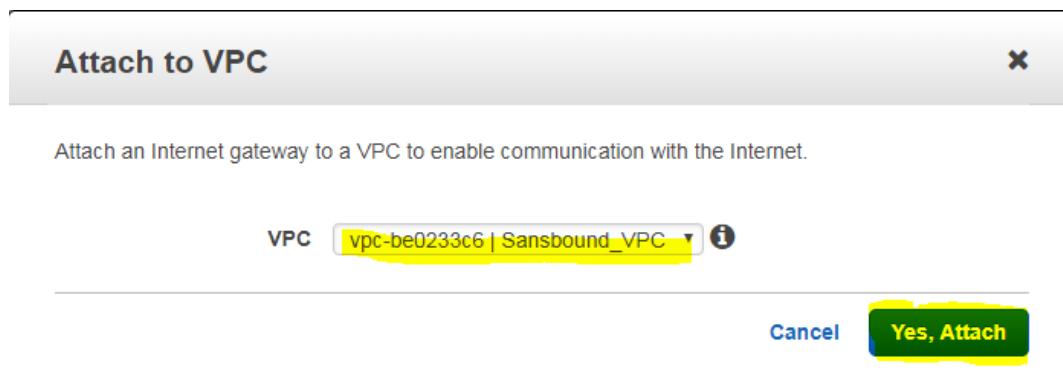
State: detached

Attached VPC ID:

Attachment state:

Feedback English (US) © 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Click “Yes, attach”.



Attach to VPC X

Attach an Internet gateway to a VPC to enable communication with the Internet.

VPC **vpc-be0233c6 | Sansbound_VPC** ⓘ

Cancel **Yes, Attach**

In Routing table, click Need to the rename the Sansbound VPC table as Sansbound Public route.

The screenshot shows the AWS VPC console interface. On the left is a navigation menu with categories like VPC Dashboard, Virtual Private Cloud, Security, and VPN Connections. The main area displays a list of route tables. The route table 'Sansbound_public_route' (ID: rtb-1611ae6b) is selected. Below the list, the 'Routes' tab is active, showing a single route with destination 10.0.0.0/16 and target 'local'. The 'Edit' button is highlighted with a yellow box.

Name	Route Table ID	Explicitly Associat	Main	VPC
Sansbound_public_route	rtb-1611ae6b	0 Subnets	Yes	vpc-be0233c6 Sansbound_VPC

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No

Then click “edit” option in route

Click “Add another route” option in route.

The screenshot shows the AWS Management Console interface for Route Tables. The left sidebar contains navigation links for VPC Dashboard, Virtual Private Cloud, and various network services. The main content area displays a list of Route Tables. The 'Sansbound_public_route' is selected, and the 'Routes' tab is active. A table shows a single route for destination 10.0.0.0/16 with target 'local'. A yellow box highlights the 'Add another route' button.

Destination	Target	Status	Propagated	Remove
10.0.0.0/16	local	Active	No	

Add another route

Add default route 0.0.0.0/0 and select **igw-*** as target.

The screenshot shows the AWS Management Console interface for the 'Route Tables' section. The left sidebar contains a navigation menu with categories like VPC Dashboard, Virtual Private Cloud, Security, and VPN Connections. The main content area displays a list of route tables, with 'Sansbound_public_route' selected. Below the list, the 'Routes' tab is active, showing a table of routes. The first route is for destination '10.0.0.0/16' with target 'local' and status 'Active'. A second route is being added with destination '0.0.0.0/0' and target 'igw-18e6ca61'. The 'Save' button is highlighted in green.

Route Tables | VPC Manager

Secure | <https://console.aws.amazon.com/vpc/home?region=us-east-1#routetables>

aws Services Resource Groups

VPC Dashboard

Filter by VPC:

Virtual Private Cloud

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Route Table Delete Route Table Set As Main Table

Search Route Tables and their subnets

<< 1 to 2 of 2 Route Tables >>

Name	Route Table ID	Explicitly Associated	Main	VPC
	rtb-9f29f6e2	0 Subnets	Yes	vpc-765c7f0e
<input checked="" type="checkbox"/> Sansbound_public_route	rtb-1611ae6b	0 Subnets	Yes	vpc-be0233c6 Sansbound_VPC

rtb-1611ae6b | Sansbound_public_route

Summary Routes Subnet Associations Route Propagation Tags

Cancel Save

View: All rules

Destination	Target	Status	Propagated	Remove
10.0.0.0/16	local	Active	No	
0.0.0.0/0	igw-18e6ca61	No	No	

Add another route

Feedback English (US)

© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Then click “save”.

In “Subnet associations” click edit option.

The screenshot displays the AWS Management Console interface for Route Tables. The left sidebar shows the navigation menu with categories like VPC Dashboard, Virtual Private Cloud, Security, and VPN Connections. The main content area shows a list of Route Tables. The 'Sansbound_public_route' is selected, and the 'Subnet Associations' tab is active. The console indicates that no subnets are currently associated with this route table.

Route Tables List:

Name	Route Table ID	Explicitly Associat	Main	VPC
	rtb-9f29f6e2	0 Subnets	Yes	vpc-765c7f0e
<input checked="" type="checkbox"/> Sansbound_public_route	rtb-1611ae6b	0 Subnets	Yes	vpc-be0233c6 Sansbound_VPC

Subnet Associations for rtb-1611ae6b | Sansbound_public_route:

Subnet	IPv4 CIDR	IPv6 CIDR
You do not have any subnet associations.		
The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:		
subnet-7ba23154 Sansbound_Public_subnet	10.0.2.0/24	-

In Subnet associations select check box in “Sansbound Public Subnet”

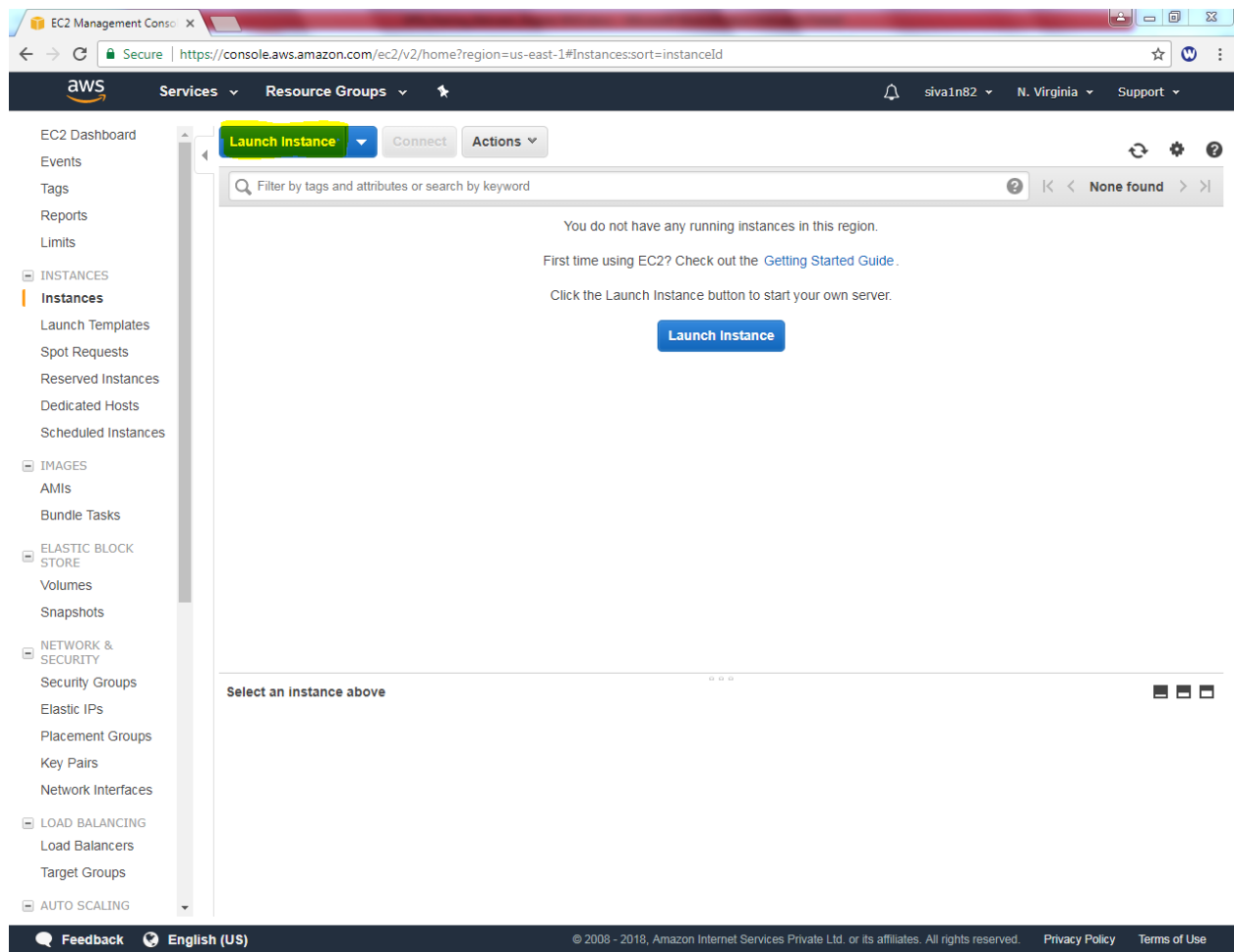
The screenshot shows the AWS Management Console interface for the 'Route Tables' section. The left sidebar contains a navigation menu with categories like VPC Dashboard, Virtual Private Cloud, Security, and VPN Connections. The main content area displays a list of route tables. The selected route table, 'rtb-1611ae6b | Sansbound_public_route', is shown in detail with the 'Subnet Associations' tab active. A table lists the associated subnets, with the first entry 'subnet-7ba23154 | Sansbound_Public_subnet' having its 'Associate' checkbox checked. The 'Save' button is highlighted with a yellow box.

Name	Route Table ID	Explicitly Associat	Main	VPC
	rtb-9f29f6e2	0 Subnets	Yes	vpc-765c7f0e
Sansbound_public_route	rtb-1611ae6b	0 Subnets	Yes	vpc-be0233c6 Sansbound_VPC

Associate	Subnet	IPv4 CIDR	IPv6 CIDR	Current Route Table
<input checked="" type="checkbox"/>	subnet-7ba23154 Sansbound_Public_subnet	10.0.2.0/24	-	Main

Click "Save".

Now we need to create an instance (windows 2016) in North Virginia.



Select “Microsoft Windows Server 2016 Base”

EC2 Management Console | <https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard>

Services | Resource Groups | siva1n82 | N. Virginia | Support

1. Choose AMI | 2. Choose Instance Type | 3. Configure Instance | 4. Add Storage | 5. Add Tags | 6. Configure Security Group | 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

[Cancel and Exit](#)

OS/Platform	AMI Name	AMI ID	Architecture
SUSE Linux	SUSE Linux Enterprise Server 12 Service Pack 3 (HVM), EBS General Purpose (SSD) Volume Type, Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.	ami-26ebbc5c	64-bit
Red Hat	Red Hat Enterprise Linux 7.4 (HVM), SSD Volume Type	ami-26ebbc5c	64-bit
Ubuntu	Ubuntu Server 16.04 LTS (HVM), SSD Volume Type	ami-aa2ea6d0	64-bit
Microsoft Windows	Microsoft Windows Server 2016 Base	ami-0a792a70	64-bit
Deep Learning	Deep Learning AMI (Ubuntu)	ami-9ba7c4e1	64-bit

Are you launching a database instance? Try Amazon RDS.

Amazon Relational Database Service (RDS) makes it easy to set up, operate, and scale your database on AWS by automating time-consuming database management tasks. With RDS, you can easily deploy **Amazon Aurora, MariaDB, MySQL, Oracle, PostgreSQL, and SQL Server** databases on AWS. **Aurora** is a MySQL- and PostgreSQL-compatible, enterprise-class database at 1/10th the cost of commercial databases. [Learn more about RDS](#)

[Launch a database using RDS](#)

Feedback | English (US) | © 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. | [Privacy Policy](#) | [Terms of Use](#)

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: **All instance types** **Current generation** [Show/Hide Columns](#)

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro <small>Free tier eligible</small>	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	m5.large	2	8	EBS only	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	General purpose	m5.xlarge	4	16	EBS only	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	General purpose	m5.2xlarge	8	32	EBS only	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	General purpose	m5.4xlarge	16	64	EBS only	Yes	Up to 10 Gigabit	Yes

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Instance Details](#)

Feedback English (US) © 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Select VPC as Sansbound_VPC

Select subnet as “Sansbound_Public_Subnet”.

Auto assign Public IP : Enable

The screenshot displays the AWS Management Console interface for the 'Step 3: Configure Instance Details' of the EC2 Launch Wizard. The breadcrumb trail at the top indicates the steps: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, 6. Configure Security Group, and 7. Review. The current step, 'Step 3: Configure Instance Details', includes a sub-header and a brief instruction: 'Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.'

The configuration options are as follows:

- Number of instances:** 1. A link to 'Launch into Auto Scaling Group' is provided.
- Purchasing option:** ☐ Request Spot instances.
- Network:** vpc-be0233c6 | Sansbound_VPC. A 'Create new VPC' link is available.
- Subnet:** subnet-7ba23154 | Sansbound_Public_subnet | us-e. A 'Create new subnet' link is available, with a note '251 IP Addresses available'.
- Auto-assign Public IP:** Enable.
- Domain join directory:** None. A 'Create new directory' link is available.
- IAM role:** None. A 'Create new IAM role' link is available.
- Shutdown behavior:** Stop.
- Enable termination protection:** ☐ Protect against accidental termination.
- Monitoring:** ☐ Enable CloudWatch detailed monitoring. A note states 'Additional charges apply.'
- Tenancy:** Shared - Run a shared hardware instance. A note states 'Additional charges will apply for dedicated tenancy.'
- Elastic GPU:** ☐ Add GPU. A note states 'Additional charges apply.'
- T2 Unlimited:** ☐ Enable. A note states 'Additional charges may apply.'

At the bottom, there is a section for 'Network interfaces' which is currently collapsed. Navigation buttons at the bottom right include 'Cancel', 'Previous', 'Review and Launch' (highlighted in blue), and 'Next: Add Storage'.

Leave default settings and click “Next”.

The screenshot displays the AWS Management Console interface for the 'Add Storage' step of the EC2 Launch Wizard. The breadcrumb navigation at the top includes: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage (highlighted), 5. Add Tags, 6. Configure Security Group, and 7. Review. The console header shows the AWS logo, 'Services', 'Resource Groups', and user information 'siva1n82' in 'N. Virginia' with a 'Support' link.

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encrypted ⓘ
Root	/dev/sda1	snap-01864b8a19743f998	30	General Purpose SSD (GP2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

[Add New Volume](#)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

Navigation buttons at the bottom: [Cancel](#), [Previous](#), [Review and Launch](#), and [Next: Add Tags](#).

Footer: Feedback, English (US), © 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy, Terms of Use

Type key as Name and value as “North Virginia Public instance” and then Click “Next”.

EC2 Management Console

Secure | <https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard>

aws Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. [Learn more](#) about tagging your Amazon EC2 resources.

Key (127 characters maximum)	Value (255 characters maximum)	Instances ⓘ	Volumes ⓘ
Name	North Virginia Public Instance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

[Add another tag](#) (Up to 50 tags maximum)

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Security Group](#)

Feedback English (US) © 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. [Privacy Policy](#) [Terms of Use](#)

Create a new security group as “NVG_Public_Sec_Group”.

The screenshot shows the AWS Management Console interface for the 'Configure Security Group' step of the EC2 instance launch wizard. The breadcrumb navigation at the top includes: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, 6. Configure Security Group (active), and 7. Review. The page title is 'Step 6: Configure Security Group'. A descriptive paragraph explains that a security group is a set of firewall rules and provides a link to learn more about Amazon EC2 security groups. Under the 'Assign a security group' section, the 'Create a new security group' radio button is selected. The 'Security group name' and 'Description' fields both contain 'NVG_Public_Sec-Group'. Below these fields is a table for adding security rules. The table has columns for Type, Protocol, Port Range, Source, and Description. One rule is added: Type is 'RDP', Protocol is 'TCP', Port Range is '3389', Source is 'Custom' with '0.0.0.0/0', and Description is 'e.g. SSH for Admin Desktop'. An 'Add Rule' button is located below the table. A yellow warning box states: 'Warning: Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.' At the bottom right, there are three buttons: 'Cancel', 'Previous', and 'Review and Launch'. The footer contains a 'Feedback' link, 'English (US)' language selection, and copyright information for Amazon Internet Services Private Ltd.

EC2 Management Console X

Secure | <https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard>

aws Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group ☐ Select an existing security group

Security group name: NVG_Public_Sec-Group

Description: NVG_Public_Sec-Group

Type	Protocol	Port Range	Source	Description
RDP	TCP	3389	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop

Add Rule

Warning

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous **Review and Launch**

Feedback English (US) © 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Click “Review and Launch”

Click “Launch”.

Step 7: Review Instance Launch
Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

⚠ Improve your instances' security. Your security group, NVG_Public_Sec-Group, is open to the world.
Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only.
You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. [Edit security groups](#)

AMI Details [Edit AMI](#)

Microsoft Windows Server 2016 Base - ami-0a792a70
Free tier eligible Microsoft Windows 2016 Datacenter edition. [English]
Root Device Type: ebs Virtualization type: hvm
If you plan to use this AMI for an application that benefits from Microsoft License Mobility, fill out the [License Mobility Form](#). Don't show me this again

Instance Type [Edit instance type](#)

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

Security Groups [Edit security groups](#)

Security group name: NVG_Public_Sec-Group
Description: NVG_Public_Sec-Group

Type	Protocol	Port Range	Source	Description
RDP	TCP	3389	0.0.0.0/0	

Instance Details [Edit instance details](#)

[Cancel](#) [Previous](#) [Launch](#)

Feedback English (US) © 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Select an existing key pair or create a new key pair.

Select an existing key pair or create a new key pair ✕

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about [removing existing key pairs from a public AMI](#).

Choose an existing key pair ▼

Select a key pair

siva_nvg ▼

☒ I acknowledge that I have access to the selected private key file (siva_nvg.pem), and that without this file, I won't be able to log into my instance.

Cancel

Launch Instances

Choose an existing key pair and select the key pair.

Then click “Launch instance”.