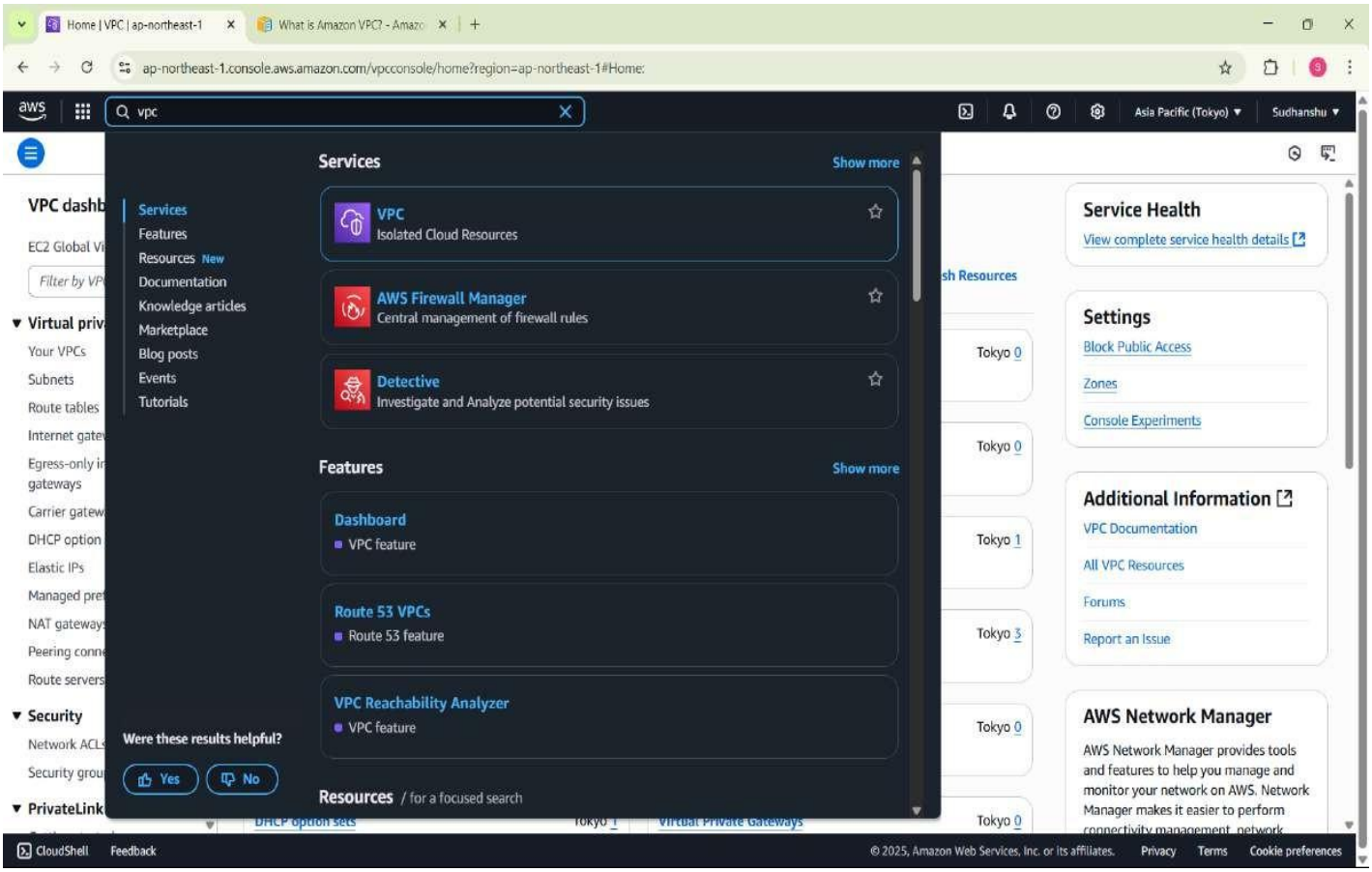
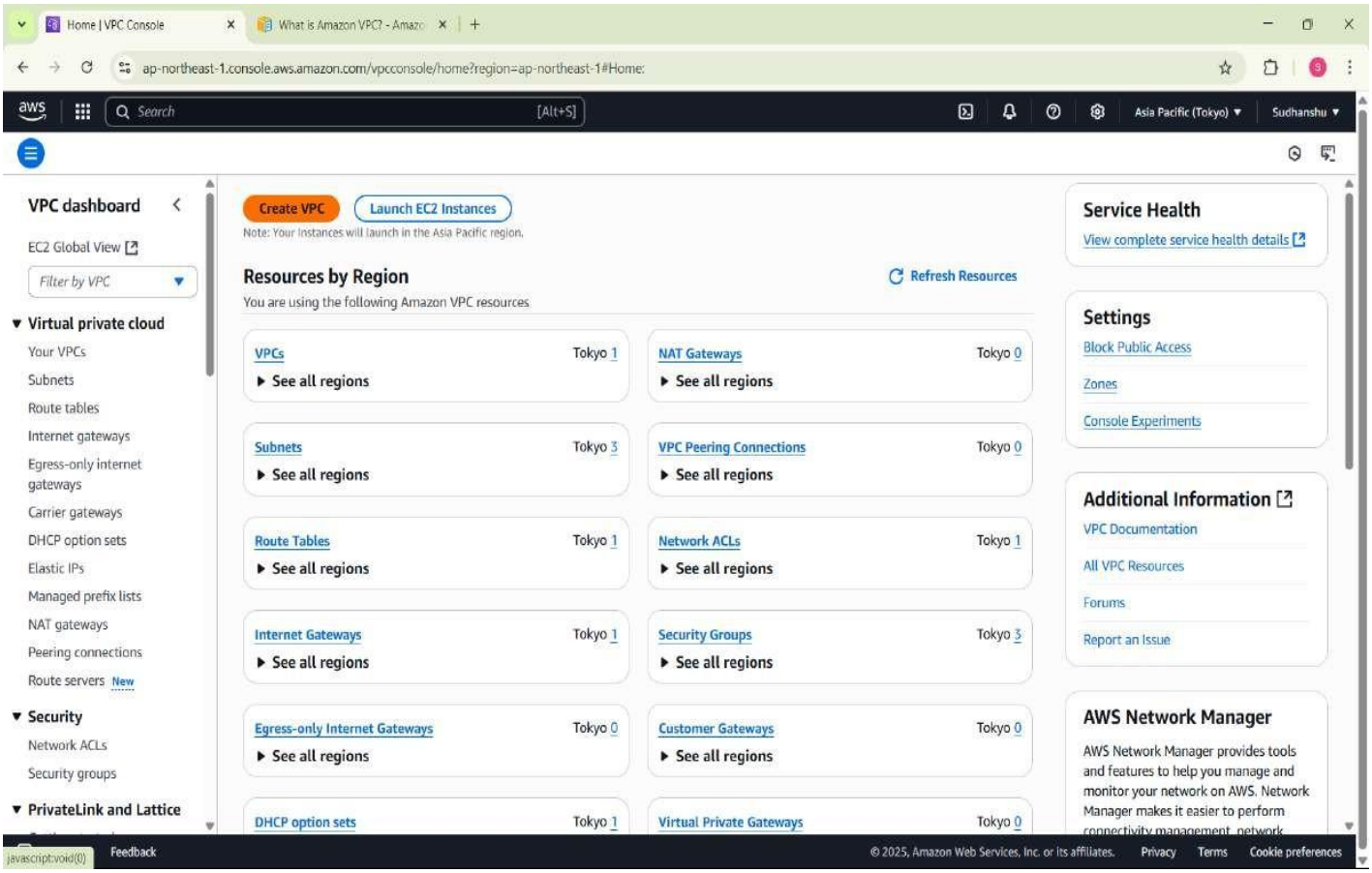
Amazon VPC (Virtual Private Cloud)- With Amazon Virtual Private Cloud (Amazon VPC), we can launch AWS resources in a logically isolated virtual network that we've defined. This virtual network closely resembles a traditional network that you'd operate in your own data center, with the benefits of using the scalable infrastructure of AWS.

It gives us full control over our virtual networking environment, including resource placement, connectivity, and security. Get started by setting up our VPC in the AWS service console.

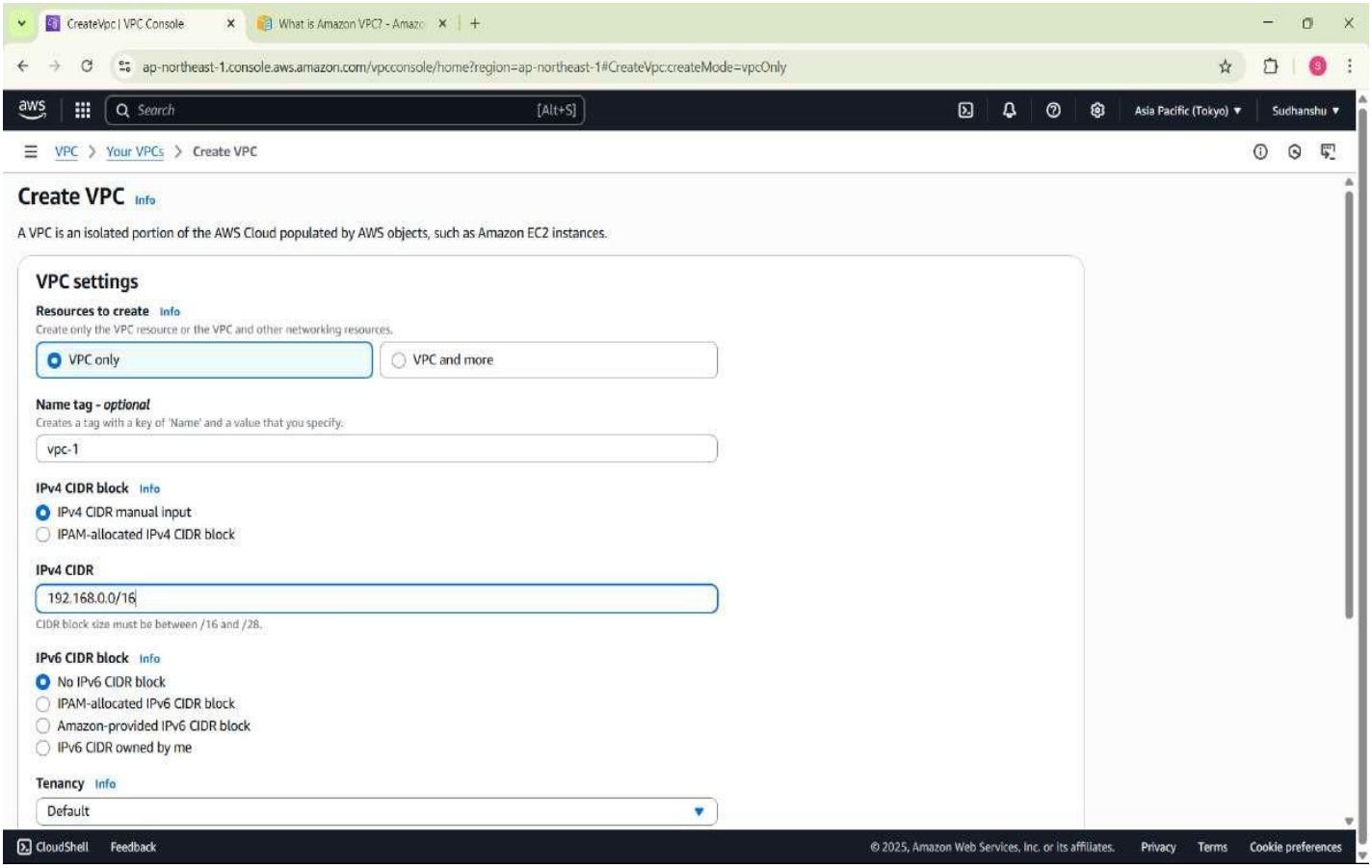
For now, we are going to connect instances using Internet Gateway.

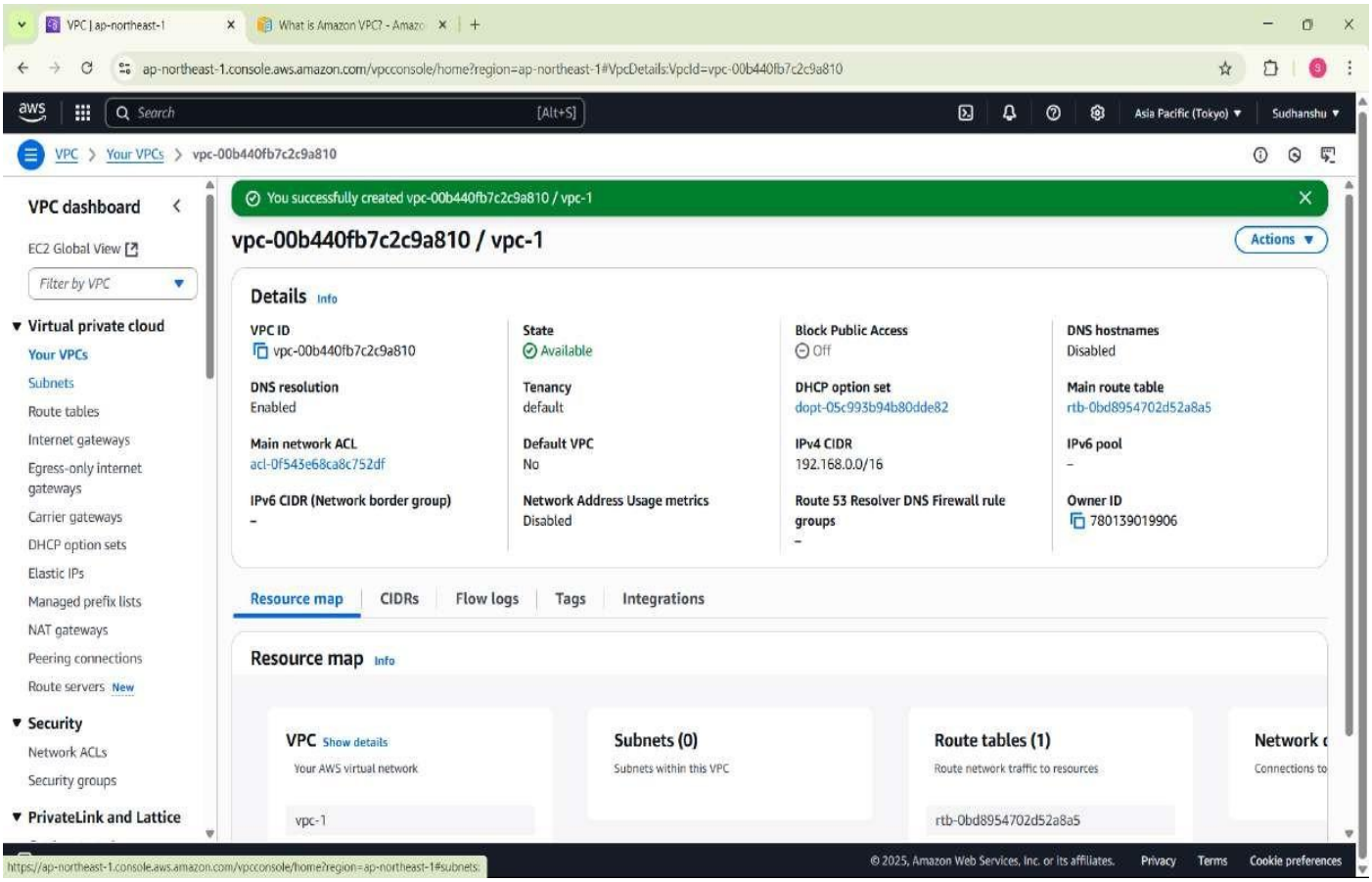
- **Creating VPC**
  - Search VPC → Click on it → VPC page will open. → Click on create VPC



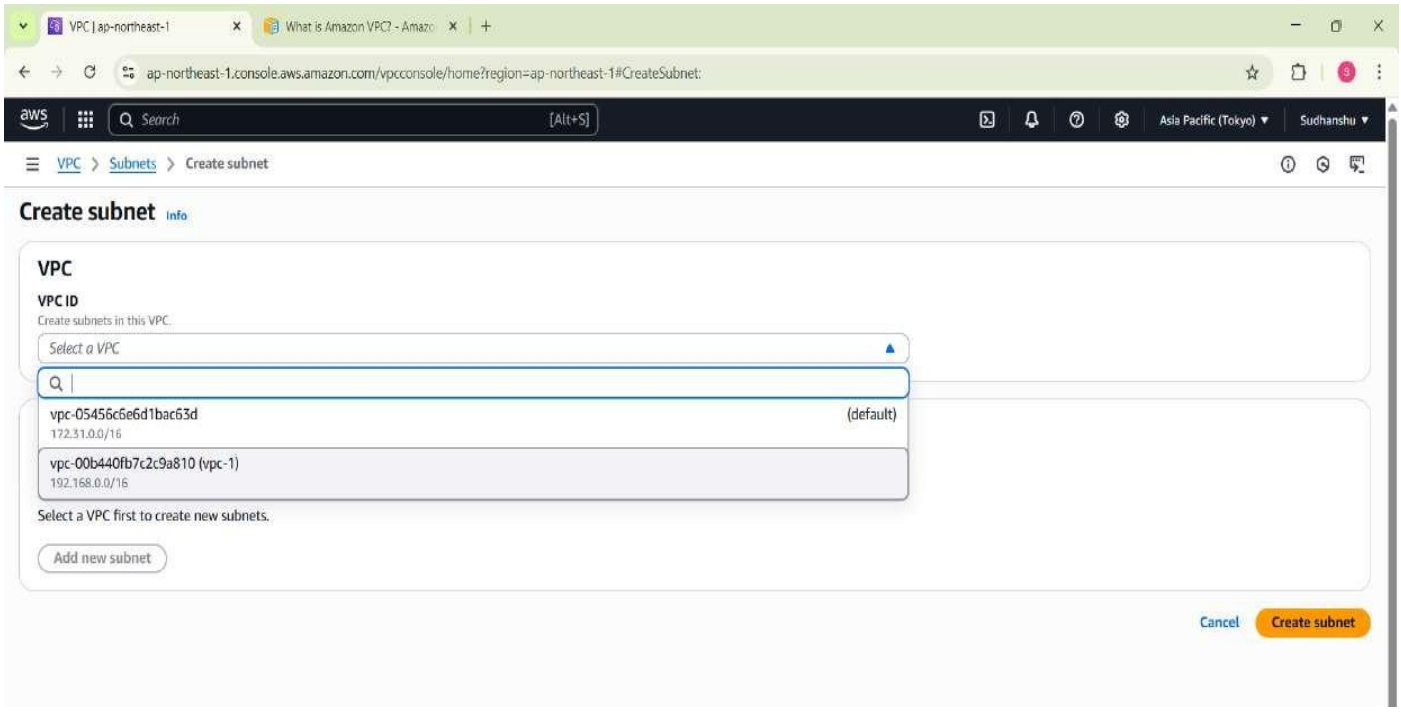


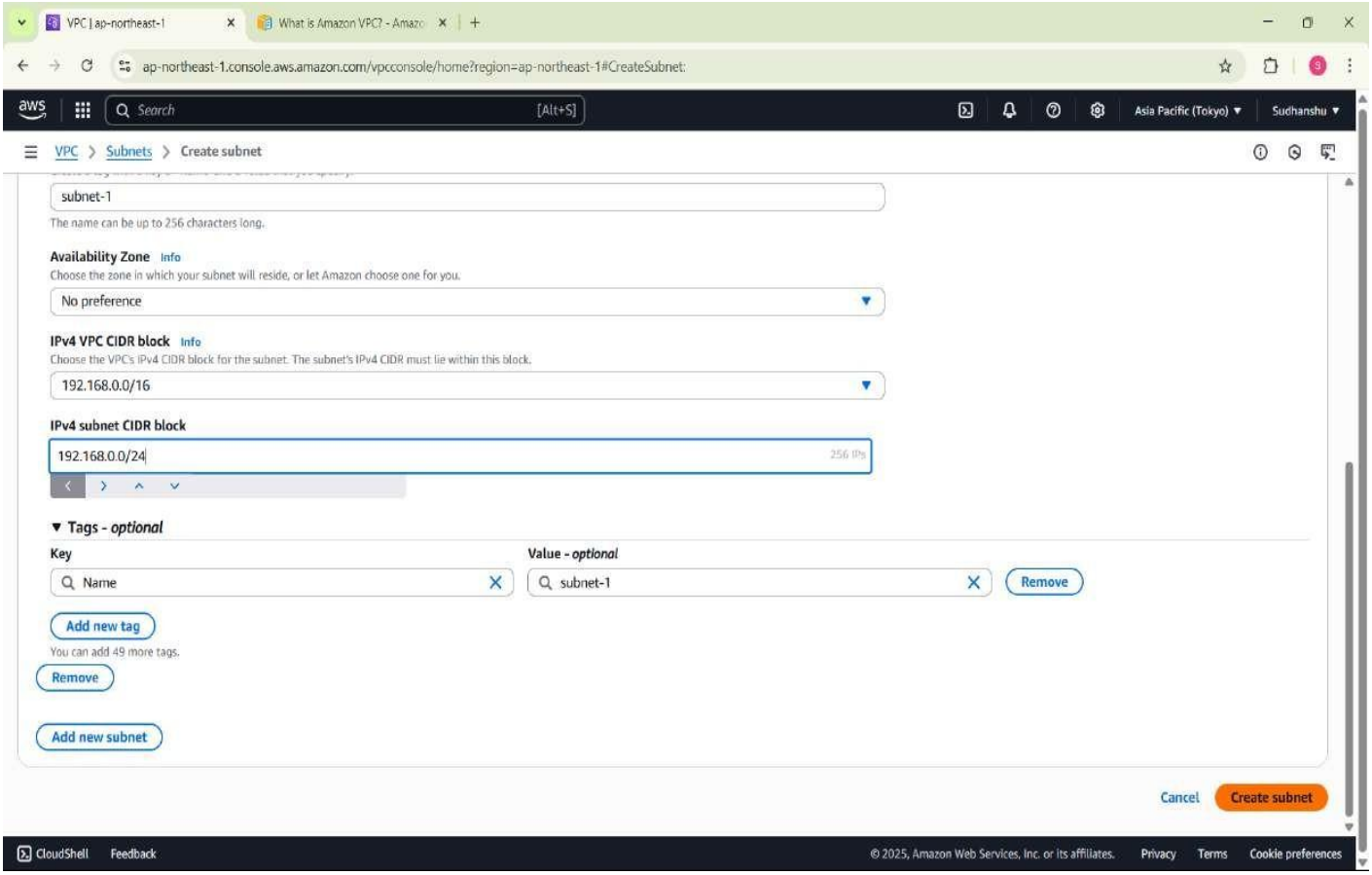
- Enter the VPC name and IPv4 → scroll down and create VPC



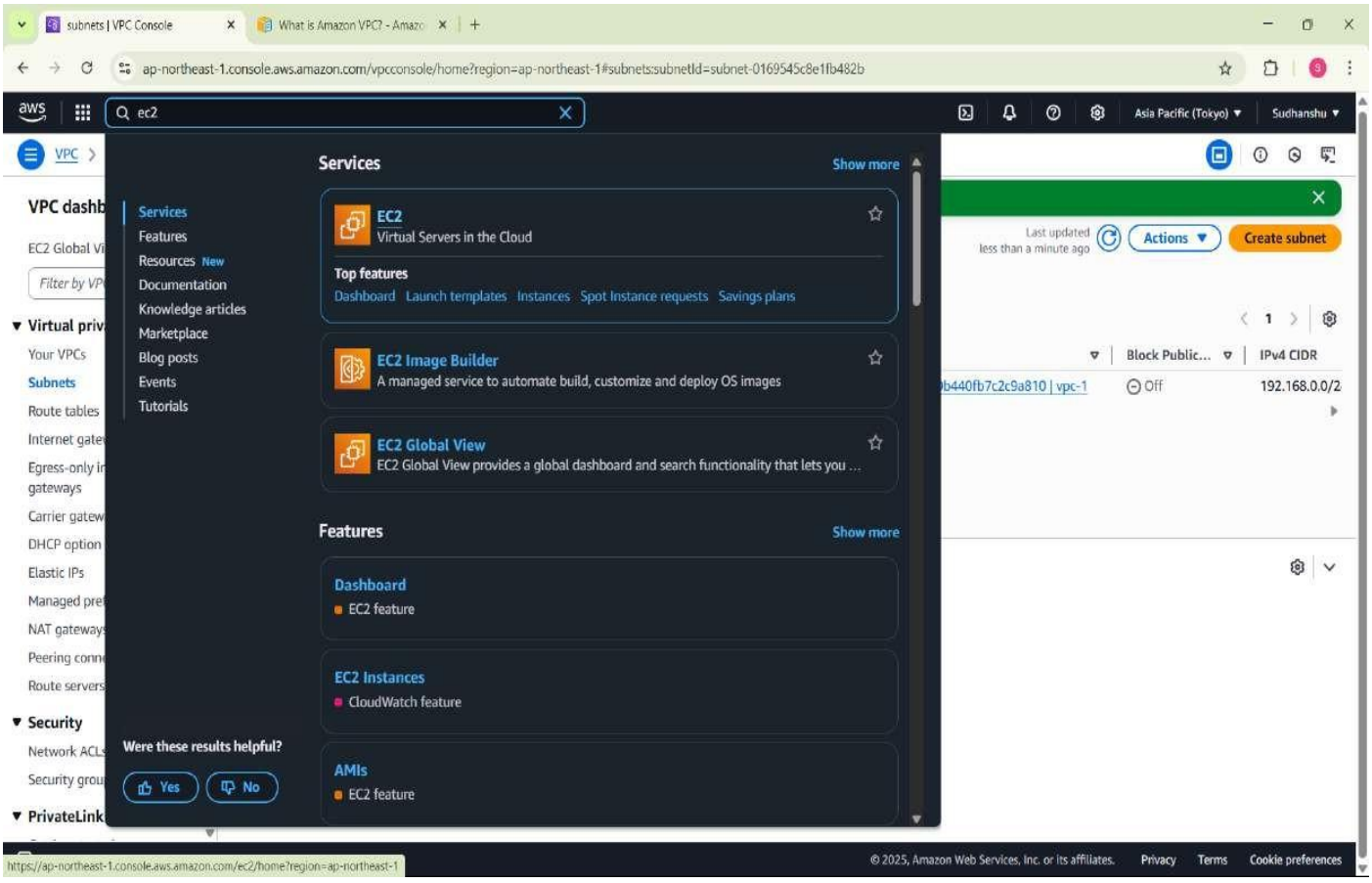


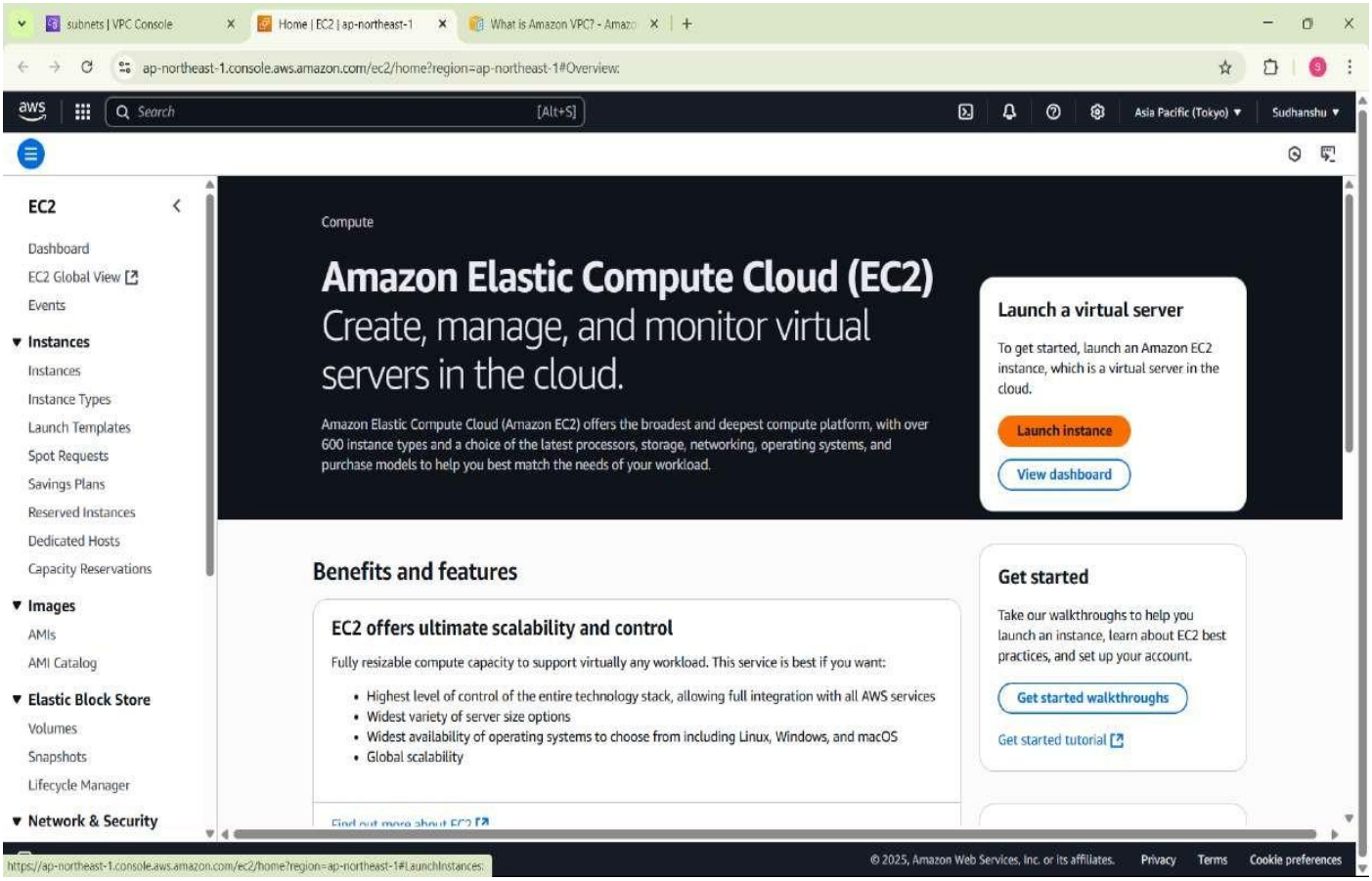
- Now after VPC is created we need to create a Subnet
- Click on Subnets → Click Create Subnet → Enter the newly created VPC id and follow the steps → Assign IPv4 Subnet CIDR Block (in this case we use 192.168.0.0/24) → Click Create Subnet.





- After Subnet is created, we have to launch an instance with some changes in network settings and security groups.
- Following steps will go through launching an instance.




subnets | VPC Console
Home | EC2 | ap-northeast-1
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#Overview:
Search
[Alt+S]
Asia Pacific (Tokyo)
Sudhanshu
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Compute
Amazon Elastic Compute Cloud (EC2)
Create, manage, and monitor virtual servers in the cloud.
Amazon Elastic Compute Cloud (Amazon EC2) offers the broadest and deepest compute platform, with over 600 instance types and a choice of the latest processors, storage, networking, operating systems, and purchase models to help you best match the needs of your workload.
Launch a virtual server
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.
Launch instance
View dashboard
Benefits and features
EC2 offers ultimate scalability and control
Fully resizable compute capacity to support virtually any workload. This service is best if you want:
Highest level of control of the entire technology stack, allowing full integration with all AWS services
Widest variety of server size options
Widest availability of operating systems to choose from including Linux, Windows, and macOS
Global scalability
Get started
Take our walkthroughs to help you launch an instance, learn about EC2 best practices, and set up your account.
Get started walkthroughs
Get started tutorial
https://ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#LaunchInstances:
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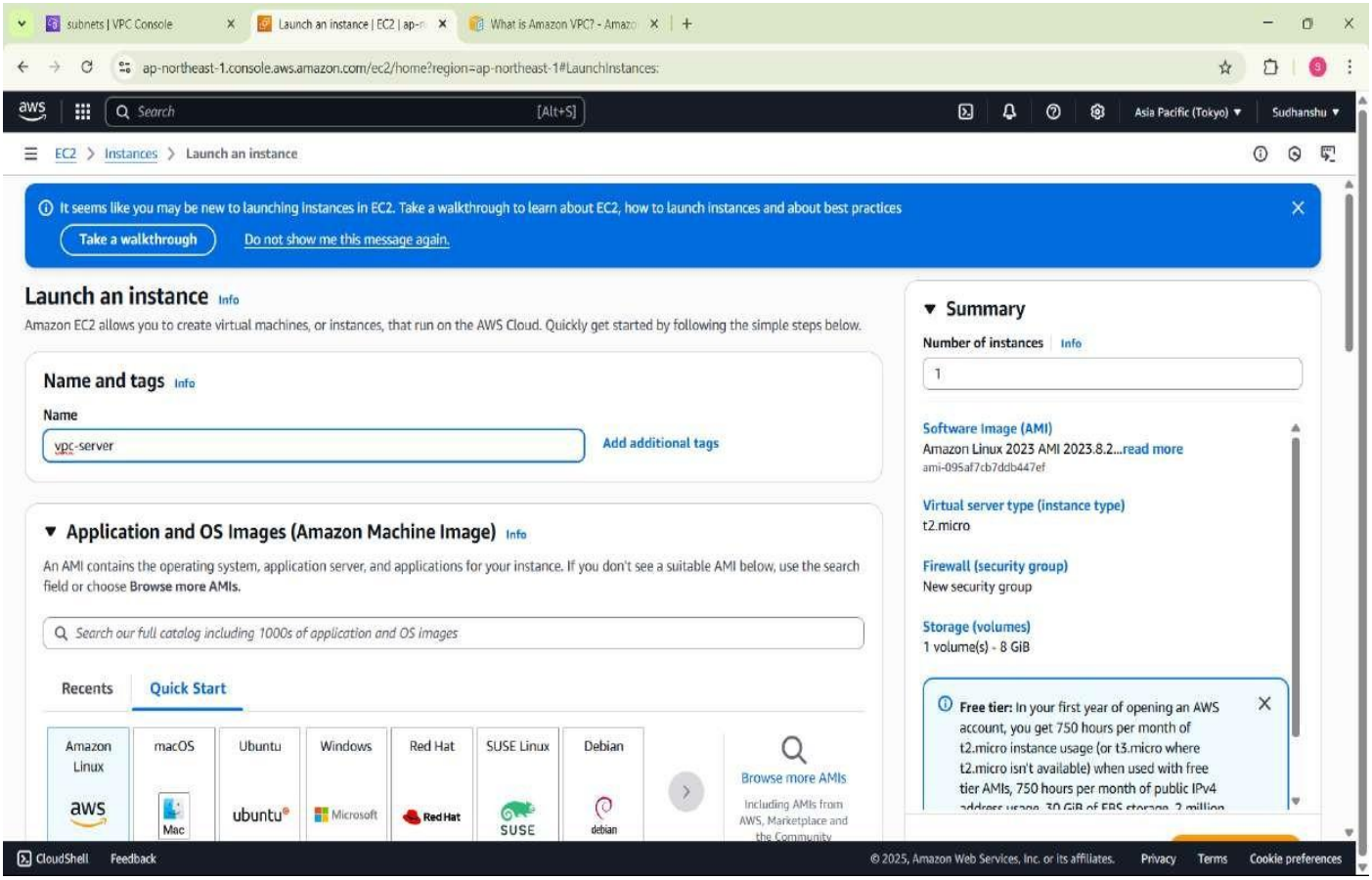
subnets | VPC Console
Launch an instance | EC2 | ap-
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#LaunchInstances:
Search
[Alt+S]
Asia Pacific (Tokyo)
Sudhanshu
EC2 > Instances > Launch an instance
It seems like you may be new to launching instances in EC2. Take a walkthrough to learn about EC2, how to launch instances and about best practices
Take a walkthrough
Do not show me this message again.
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
vpc-server
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose Browse more AMIs.
Search our full catalog including 1000s of application and OS images
Recents
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
SUSE Linux
Debian
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...read more
ami-095af7cb7ddb447ef
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4
CloudShell
Feedback
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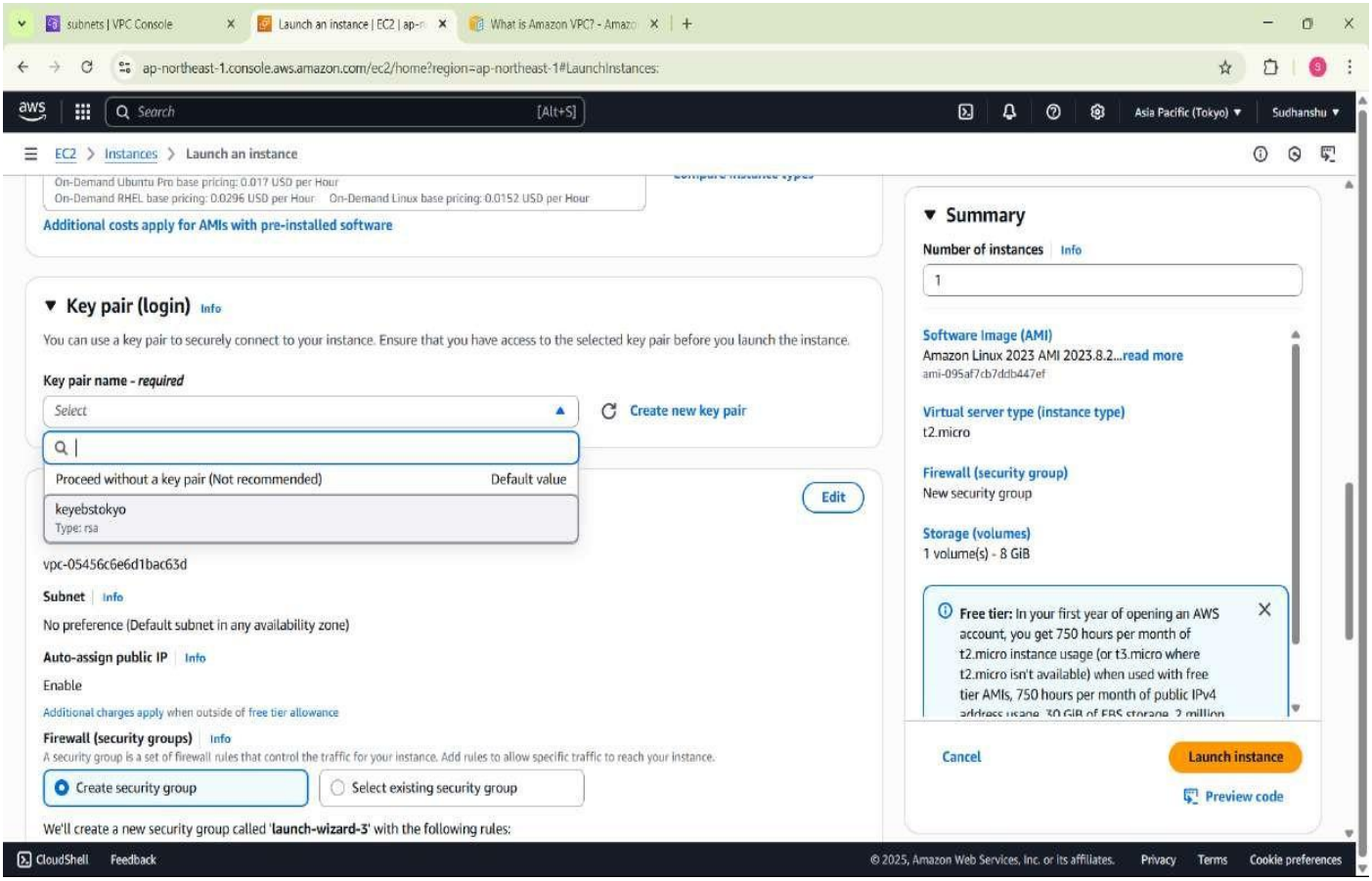
subnets | VPC Console
Launch an instance | EC2 | ap-
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#LaunchInstances:
Search [Alt+S]
Asia Pacific (Tokyo)
Sudhanshu
EC2 > Instances > Launch an instance
On-Demand Ubuntu Pro base pricing: 0.017 USD per Hour
On-Demand RHEL base pricing: 0.0296 USD per Hour
On-Demand Linux base pricing: 0.0152 USD per Hour
Additional costs apply for AMIs with pre-installed software
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
Select
Create new key pair
Proceed without a key pair (Not recommended)
Default value
keyebstokyo
Type: rsa
Edit
vpc-05456c6e6d1bac63d
Subnet Info
No preference (Default subnet in any availability zone)
Auto-assign public IP Info
Enable
Additional charges apply when outside of free tier allowance
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
We'll create a new security group called 'launch-wizard-3' with the following rules:
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...read more
ami-095af7cb7ddb447ef
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4
Cancel
Launch instance
Preview code
CloudShell
Feedback
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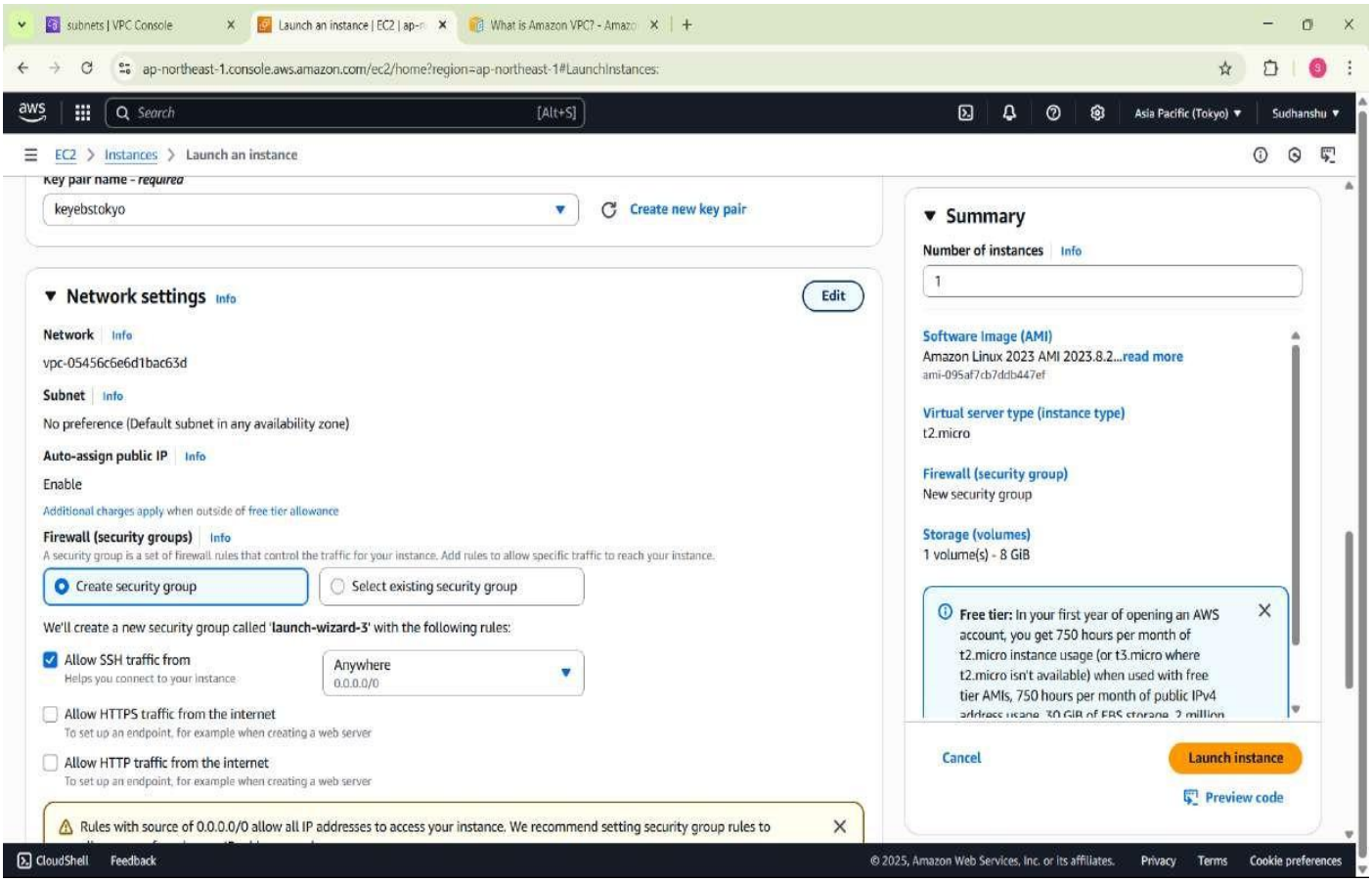
subnets | VPC Console
Launch an instance | EC2 | ap-
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#LaunchInstances:
Search [Alt+S]
Asia Pacific (Tokyo)
Sudhanshu
EC2 > Instances > Launch an instance
Key pair name - required
keyebstokyo
Create new key pair
Network settings Info
Edit
Network Info
vpc-05456c6e6d1bac63d
Subnet Info
No preference (Default subnet in any availability zone)
Auto-assign public IP Info
Enable
Additional charges apply when outside of free tier allowance
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
We'll create a new security group called 'launch-wizard-3' with the following rules:
Allow SSH traffic from
Helps you connect to your instance
Anywhere
0.0.0.0/0
Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server
Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...read more
ami-095af7cb7ddb447ef
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4
Cancel
Launch instance
Preview code
CloudShell
Feedback
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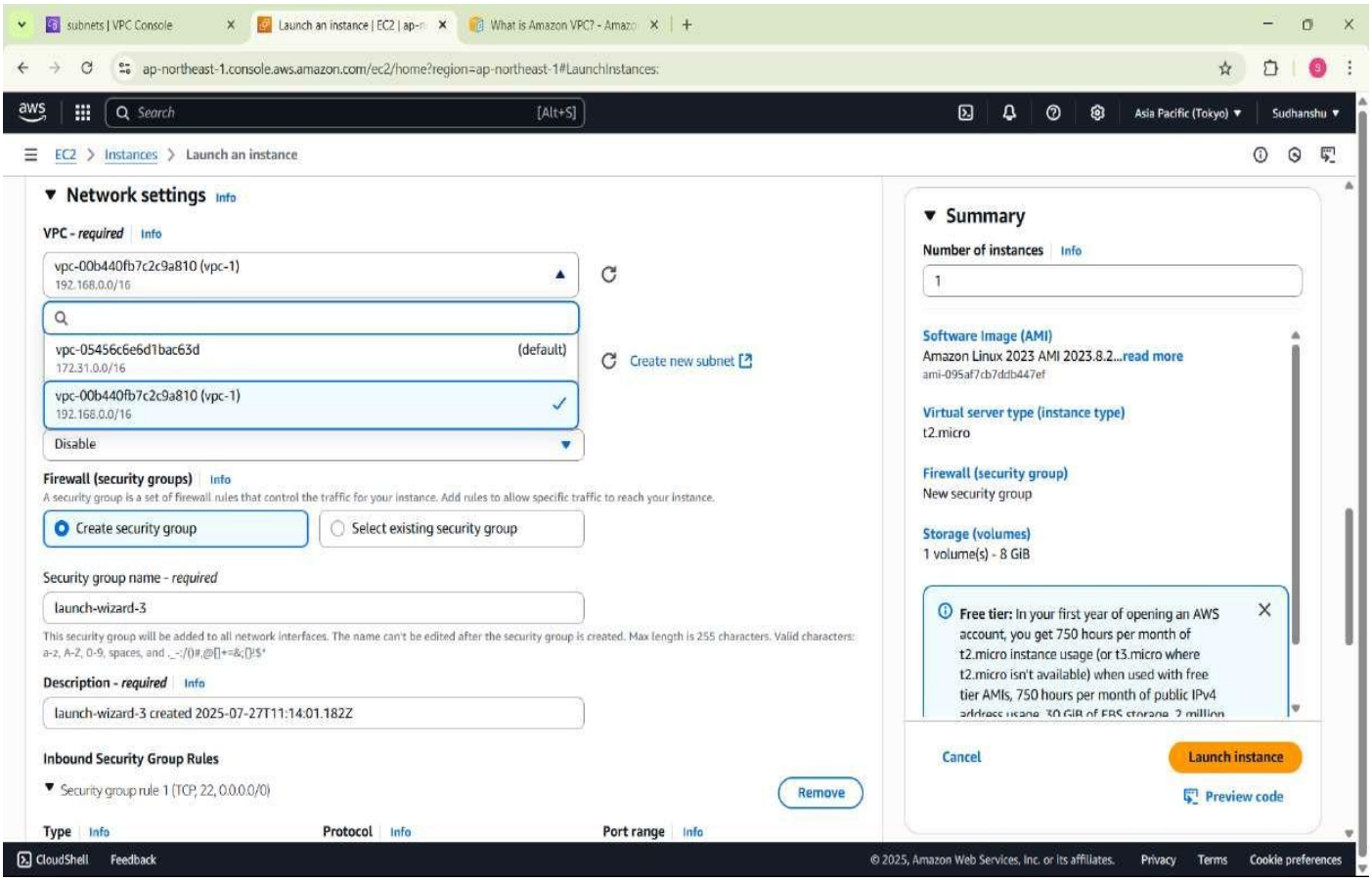
subnets | VPC Console
Launch an instance | EC2 | ap-
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#LaunchInstances:
Search [Alt+S]
Asia Pacific (Tokyo)
Sudhanshu
EC2 > Instances > Launch an instance
Network settings Info
VPC - required Info
vpc-00b440fb7c2c9a810 (vpc-1)
192.168.0.0/16
vpc-05456c6e6d1bac63d (default)
172.31.0.0/16
vpc-00b440fb7c2c9a810 (vpc-1)
192.168.0.0/16
Create new subnet
Disable
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
Security group name - required
launch-wizard-3
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*
Description - required Info
launch-wizard-3 created 2025-07-27T11:14:01.182Z
Inbound Security Group Rules
Security group rule 1 (TCP, 22, 0.0.0.0/0)
Remove
Type Info
Protocol Info
Port range Info
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...read more
ami-095af7cb7ddb447ef
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4
Cancel
Launch instance
Preview code
CloudShell
Feedback
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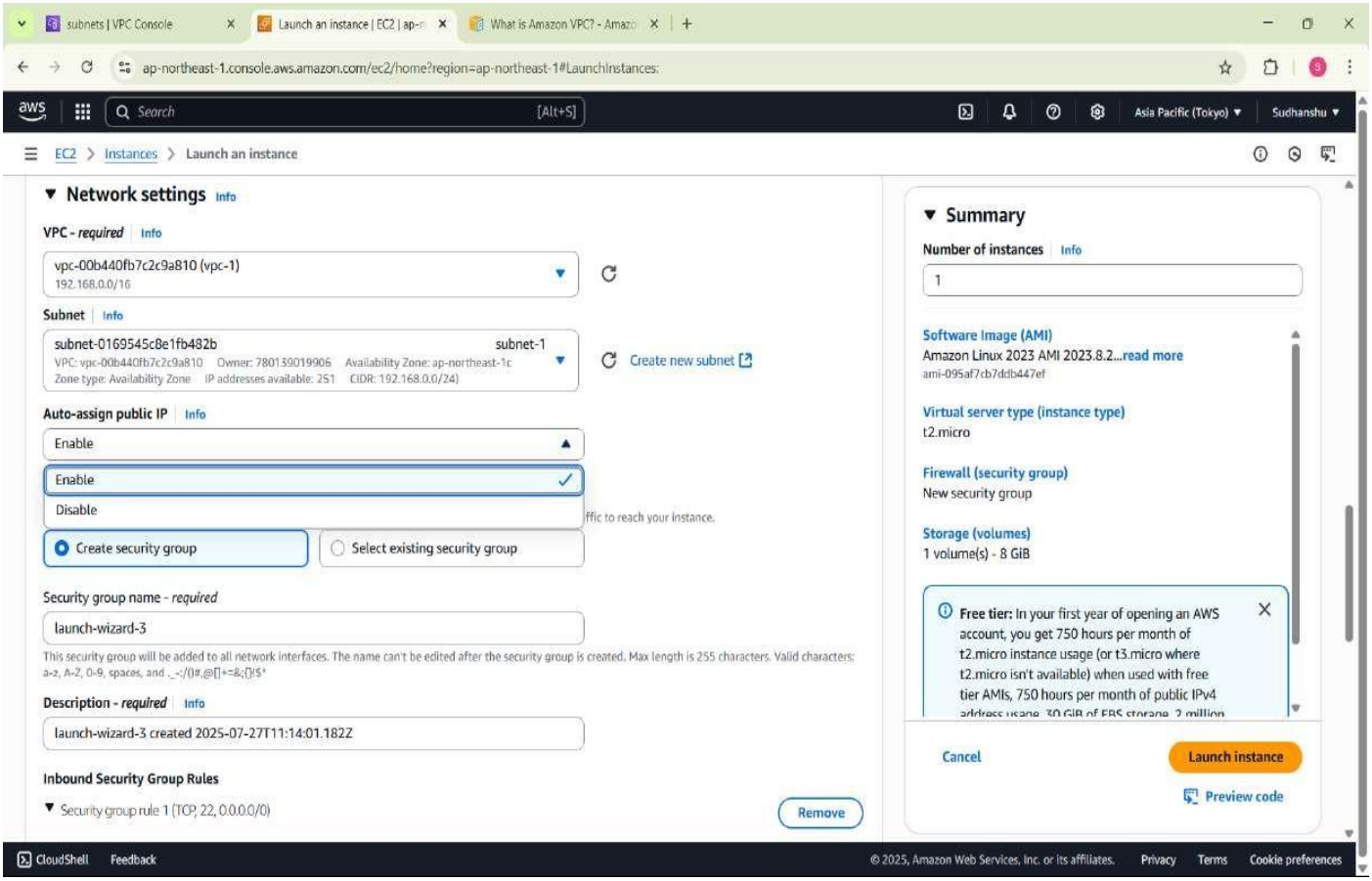
subnets | VPC Console
Launch an instance | EC2 | ap-
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#LaunchInstances:
Search [Alt+S]
Asia Pacific (Tokyo)
Sudhanshu
EC2 > Instances > Launch an instance
Network settings Info
VPC - required Info
vpc-00b440fb7c2c9a810 (vpc-1)
192.168.0.0/16
Subnet Info
subnet-0169545c8e1fb482b subnet-1
VPC: vpc-00b440fb7c2c9a810 Owner: 780139019906 Availability Zone: ap-northeast-1c
Zone type: Availability Zone IP addresses available: 251 CIDR: 192.168.0.0/24)
Create new subnet
Auto-assign public IP Info
Enable
Enable
Disable
ffic to reach your instance.
Create security group
Select existing security group
Security group name - required
launch-wizard-3
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*
Description - required Info
launch-wizard-3 created 2025-07-27T11:14:01.182Z
Inbound Security Group Rules
Security group rule 1 (TCP, 22, 0.0.0.0/0)
Remove
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...read more
ami-095af7cb7ddb447ef
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4
Cancel
Launch instance
Preview code
CloudShell
Feedback
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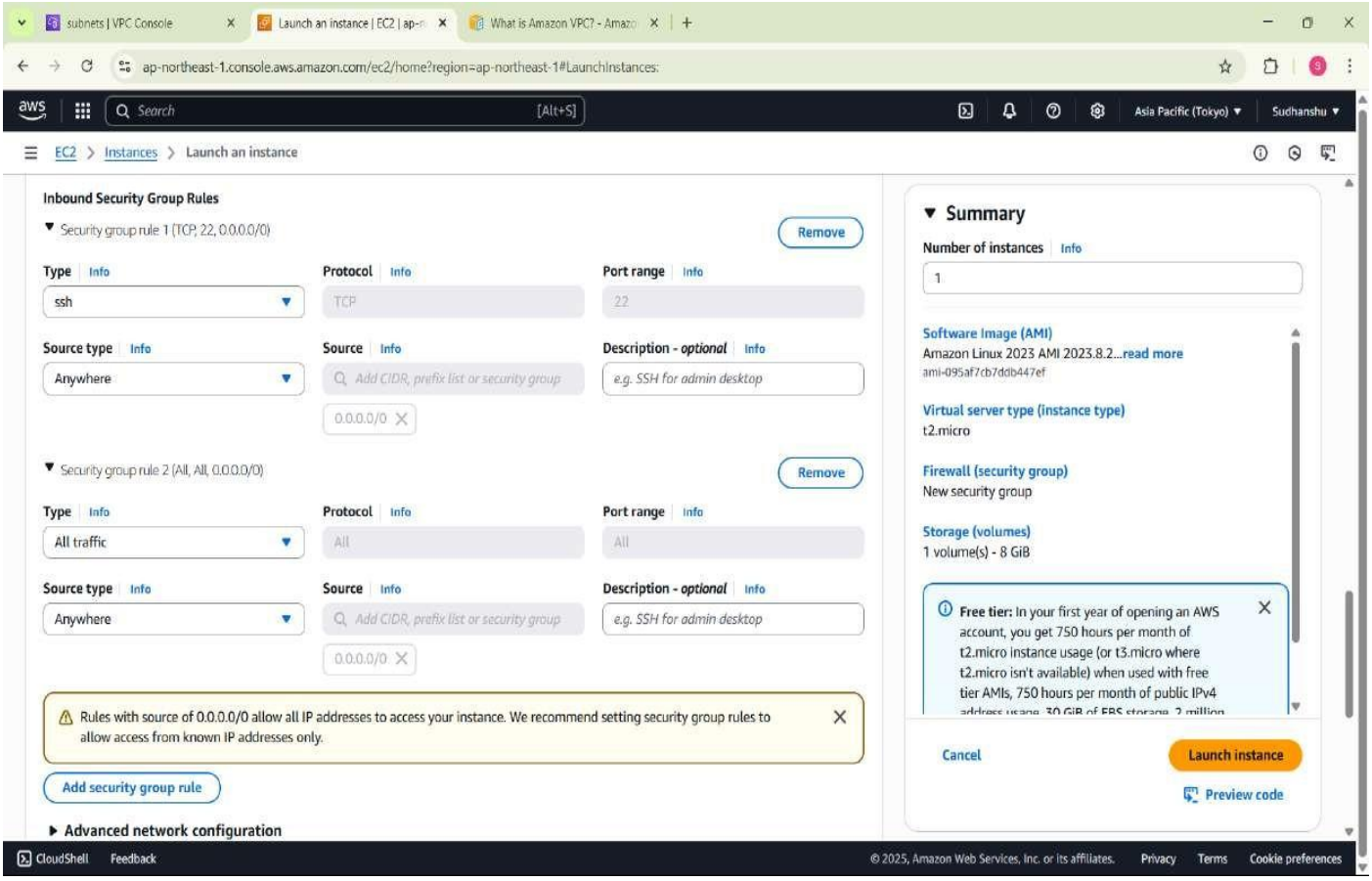
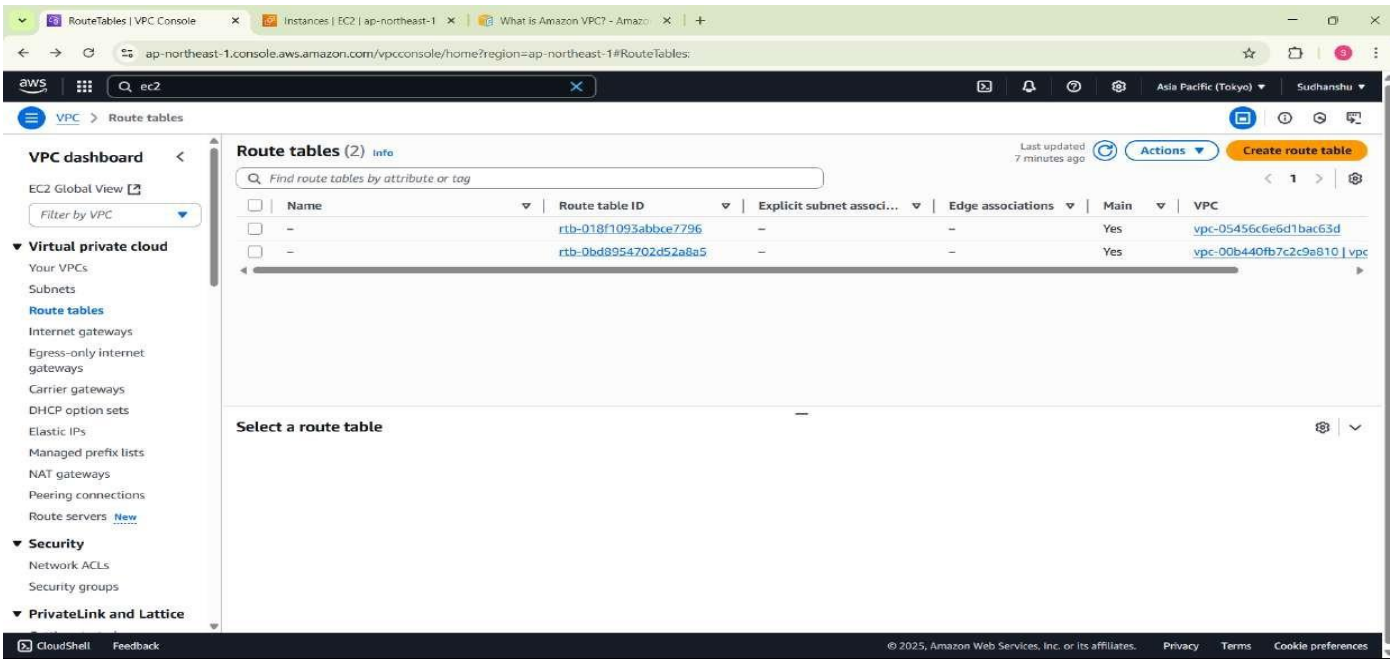
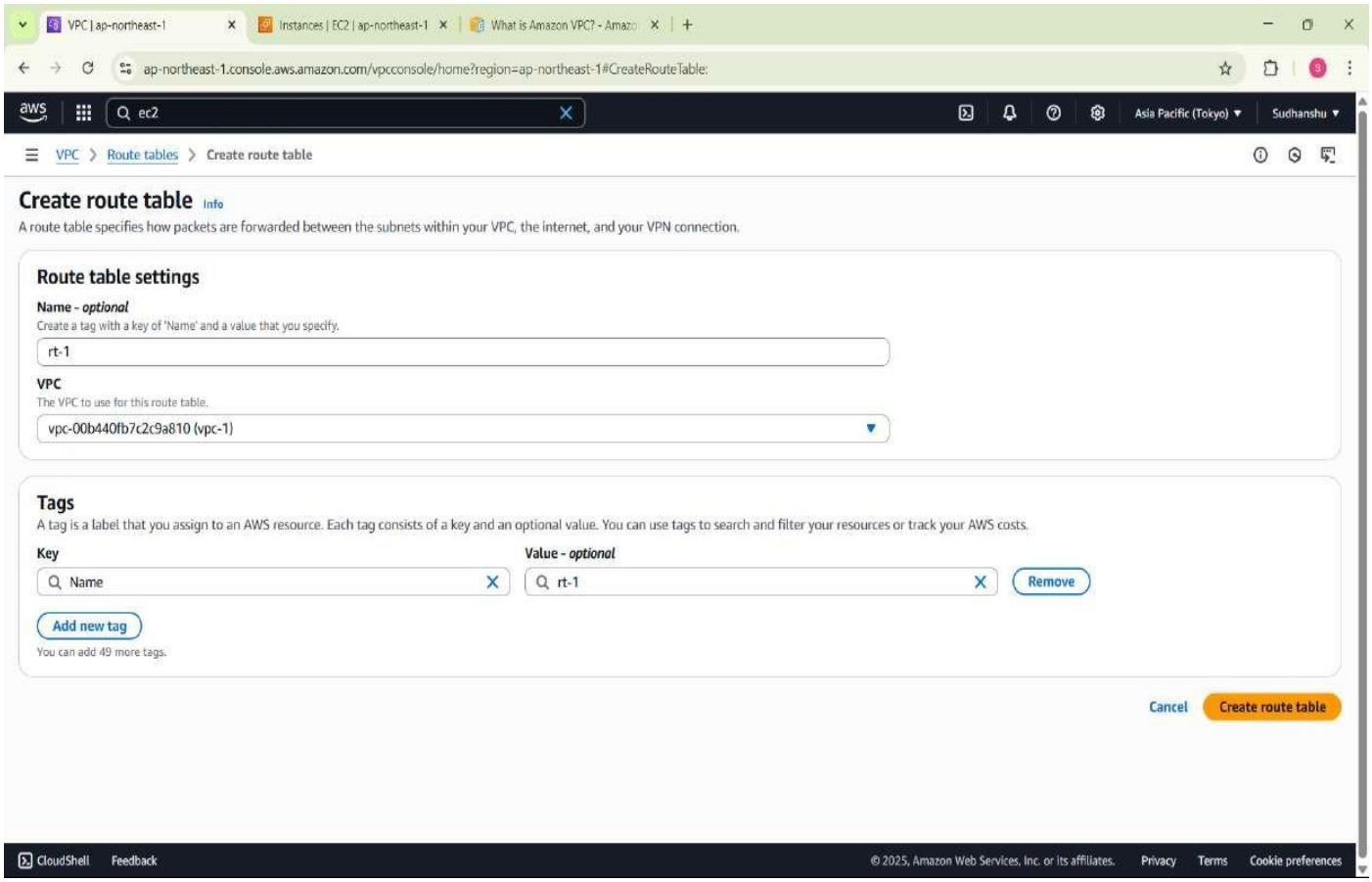


- Click on launch Instance and go back to VPC and create a Route Table.
- Click on create route table → Enter name and VPC that is created and click Create route table.
- Once Route table gets created → Go to Internet gateways and click on Create Internet gateway → Click Internet gateway enter gateway name and create Internet gateway.
- After Internet gateway gets created go to Actions and Attach to VPC.




VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#CreateRouteTable:
ec2
Asia Pacific (Tokyo)
Sudhanshu
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.
rt-1
VPC
The VPC to use for this route table.
vpc-00b440fb7c2c9a810 (vpc-1)
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
Name
Value - optional
rt-1
Remove
Add new tag
You can add 49 more tags.
Cancel
Create route table
CloudShell
Feedback
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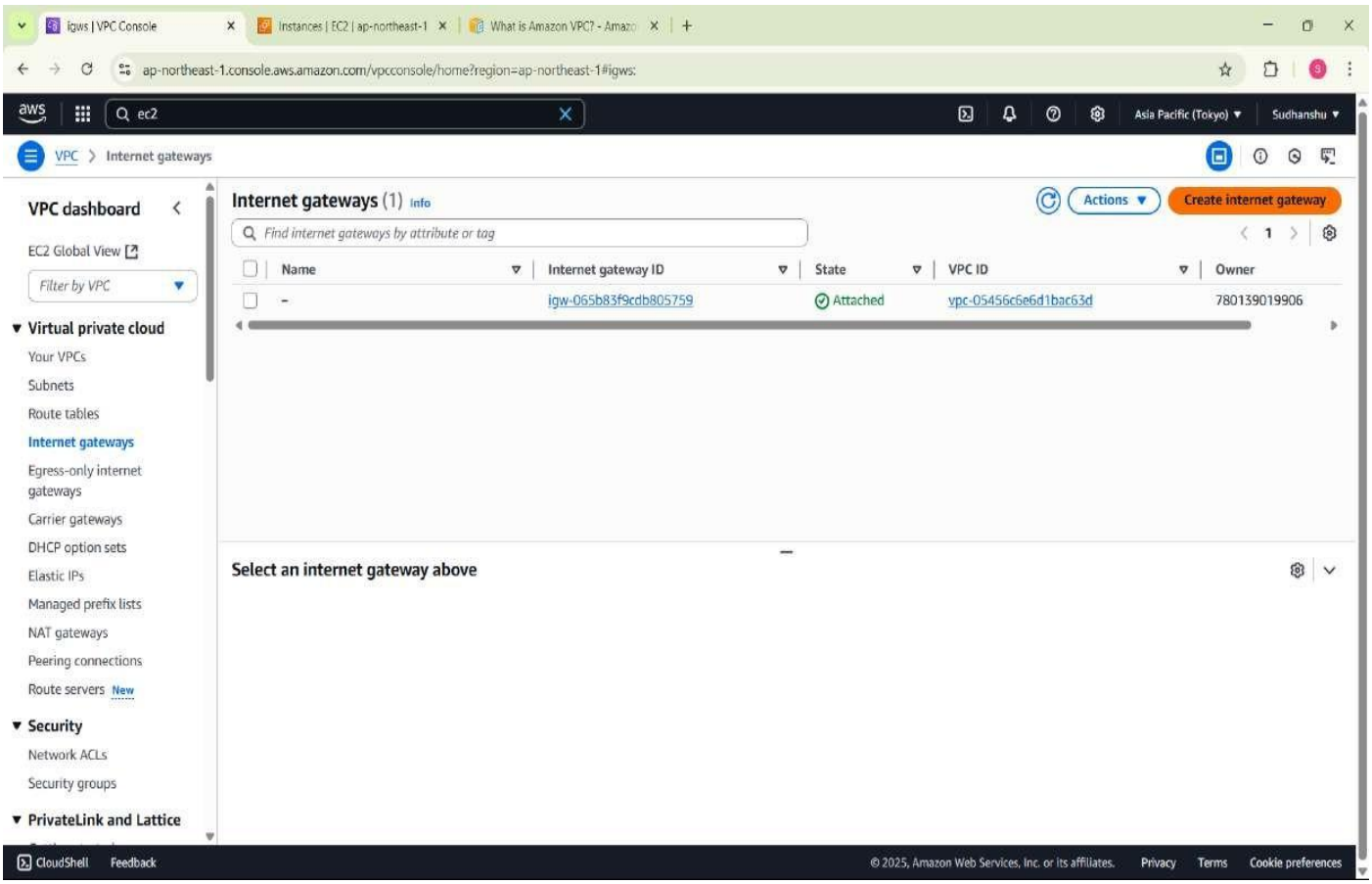
igws | VPC Console
Instances | EC2 | ap-northeast-1
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#igws:
ec2
Asia Pacific (Tokyo)
Sudhanshu
VPC > Internet gateways
VPC dashboard
EC2 Global View
Filter by VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
NAT gateways
Peering connections
Route servers New
Security
Network ACLs
Security groups
PrivateLink and Lattice
Internet gateways (1) Info
Actions
Create internet gateway
Find internet gateways by attribute or tag
Name
Internet gateway ID
State
VPC ID
Owner
-
igw-065b83f9cdb805759
Attached
vpc-05456c6e6d1bac63d
780139019906
Select an internet gateway above
CloudShell
Feedback
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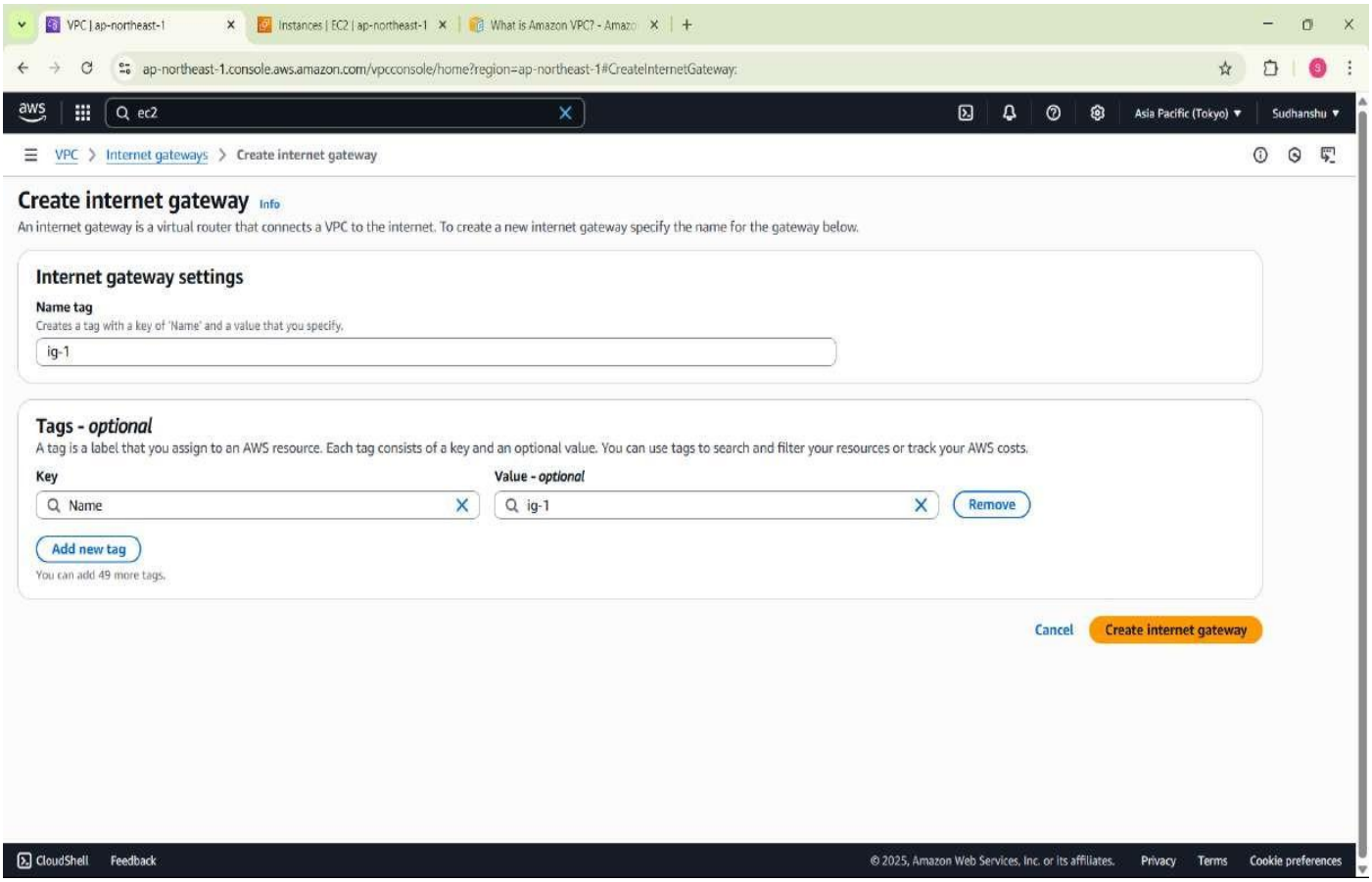
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#CreateInternetGateway:
ec2
Asia Pacific (Tokyo)
Sudhanshu
VPC > Internet gateways > Create internet gateway
Create internet gateway Info
An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.
Internet gateway settings
Name tag
Creates a tag with a key of 'Name' and a value that you specify.
ig-1
Tags - optional
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
Name
ig-1
Remove
Add new tag
You can add 49 more tags.
Cancel
Create internet gateway
CloudShell
Feedback
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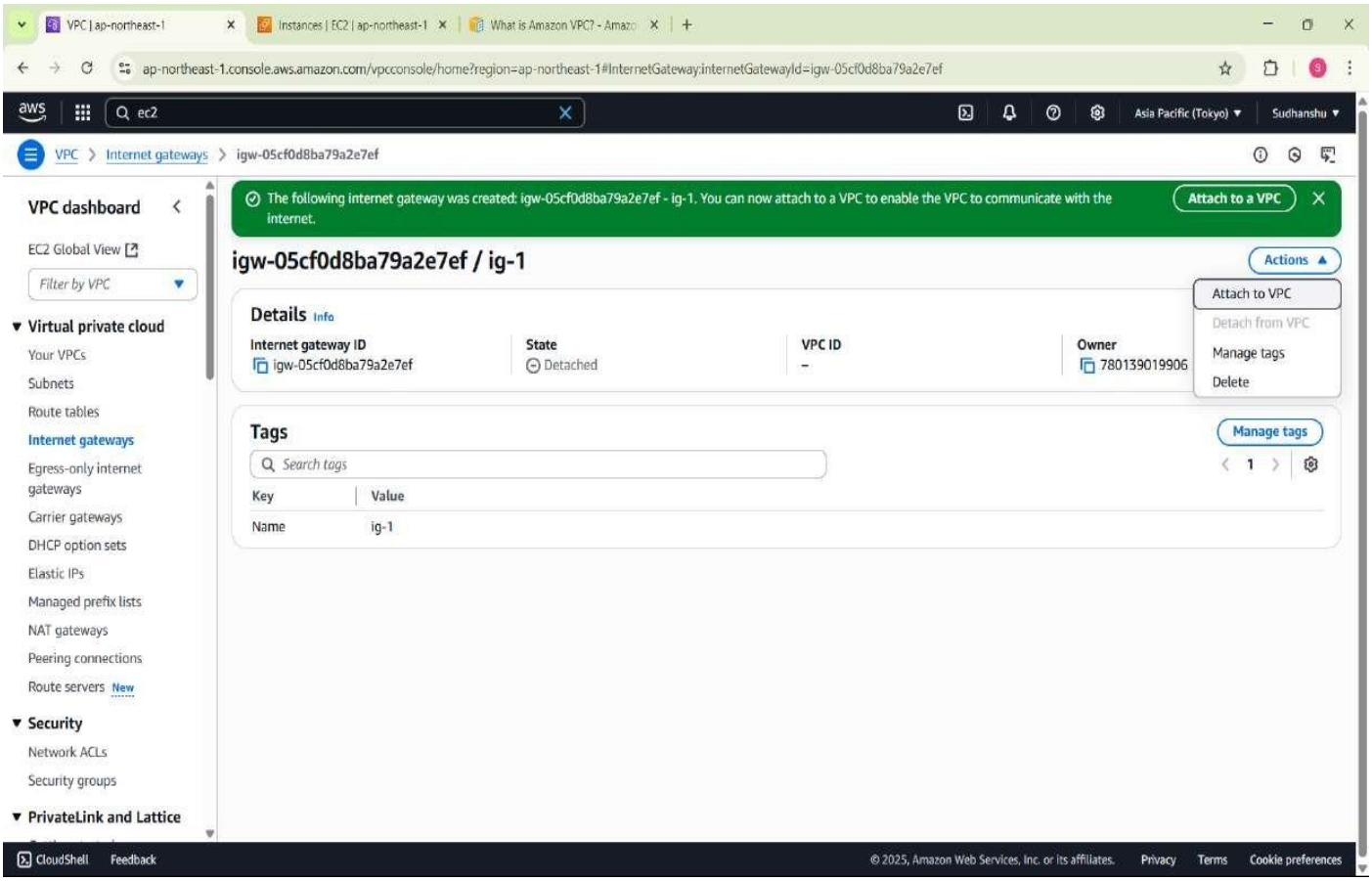
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#InternetGateway:internetGatewayId=igw-05cf0d8ba79a2e7ef
ec2
Asia Pacific (Tokyo)
Sudhanshu
VPC > Internet gateways > igw-05cf0d8ba79a2e7ef
VPC dashboard
EC2 Global View
Filter by VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
NAT gateways
Peering connections
Route servers New
Security
Network ACLs
Security groups
PrivateLink and Lattice
The following internet gateway was created: igw-05cf0d8ba79a2e7ef - ig-1. You can now attach to a VPC to enable the VPC to communicate with the internet.
Attach to a VPC
igw-05cf0d8ba79a2e7ef / ig-1
Actions
Attach to VPC
Detach from VPC
Manage tags
Delete
Details Info
Internet gateway ID
igw-05cf0d8ba79a2e7ef
State
Detached
VPC ID
-
Owner
780139019906
Tags
Manage tags
Search tags
Key
Value
Name
ig-1
CloudShell
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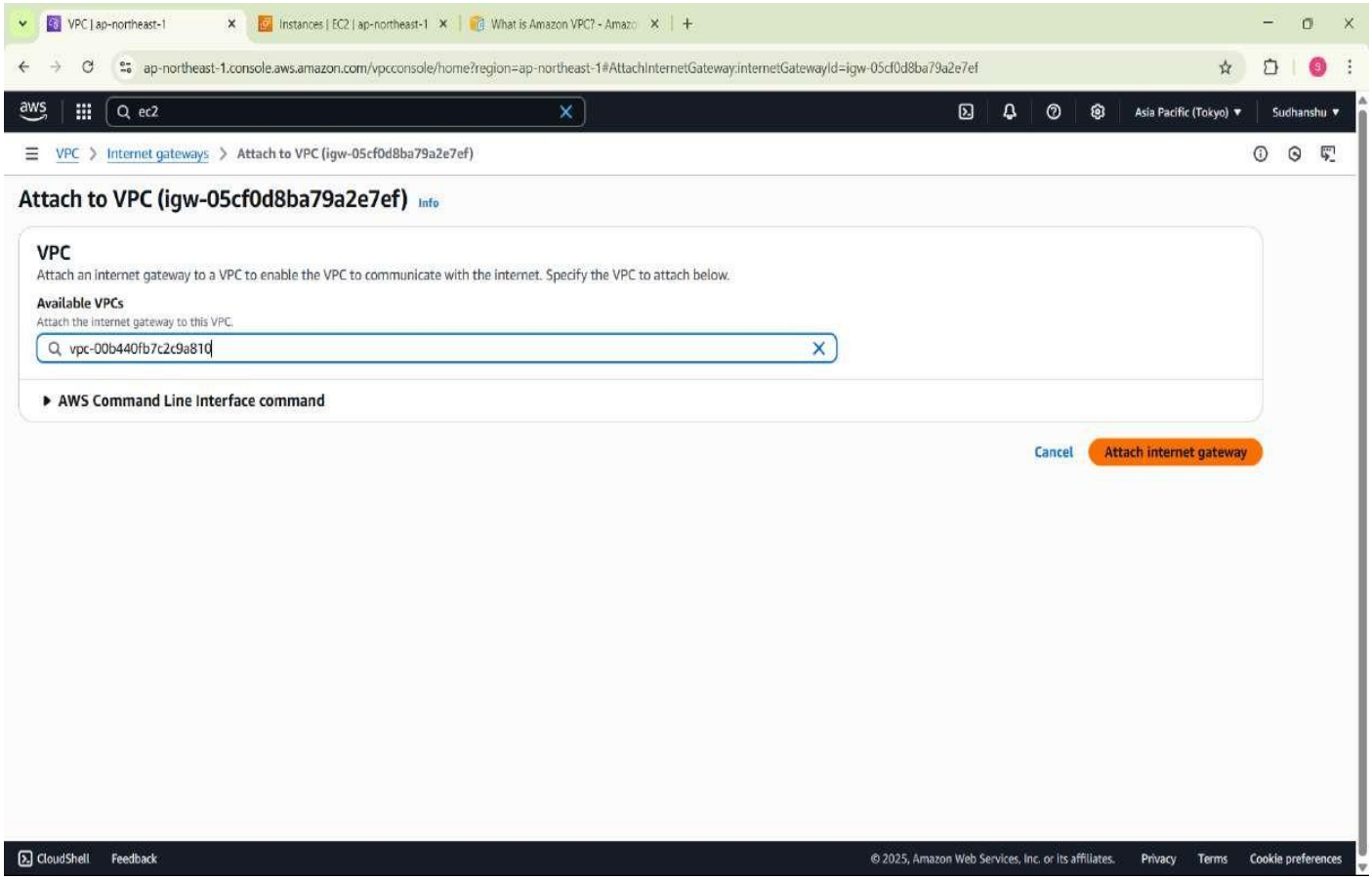
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#AttachInternetGateway:internetGatewayId=igw-05cf0d8ba79a2e7ef
ec2
Asia Pacific (Tokyo)
Sudhanshu
VPC > Internet gateways > Attach to VPC (igw-05cf0d8ba79a2e7ef)
Attach to VPC (igw-05cf0d8ba79a2e7ef) Info
VPC
Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.
Available VPCs
Attach the internet gateway to this VPC.
vpc-00b440fb7c2c9a810
AWS Command Line Interface command
Cancel
Attach internet gateway
CloudShell
Feedback
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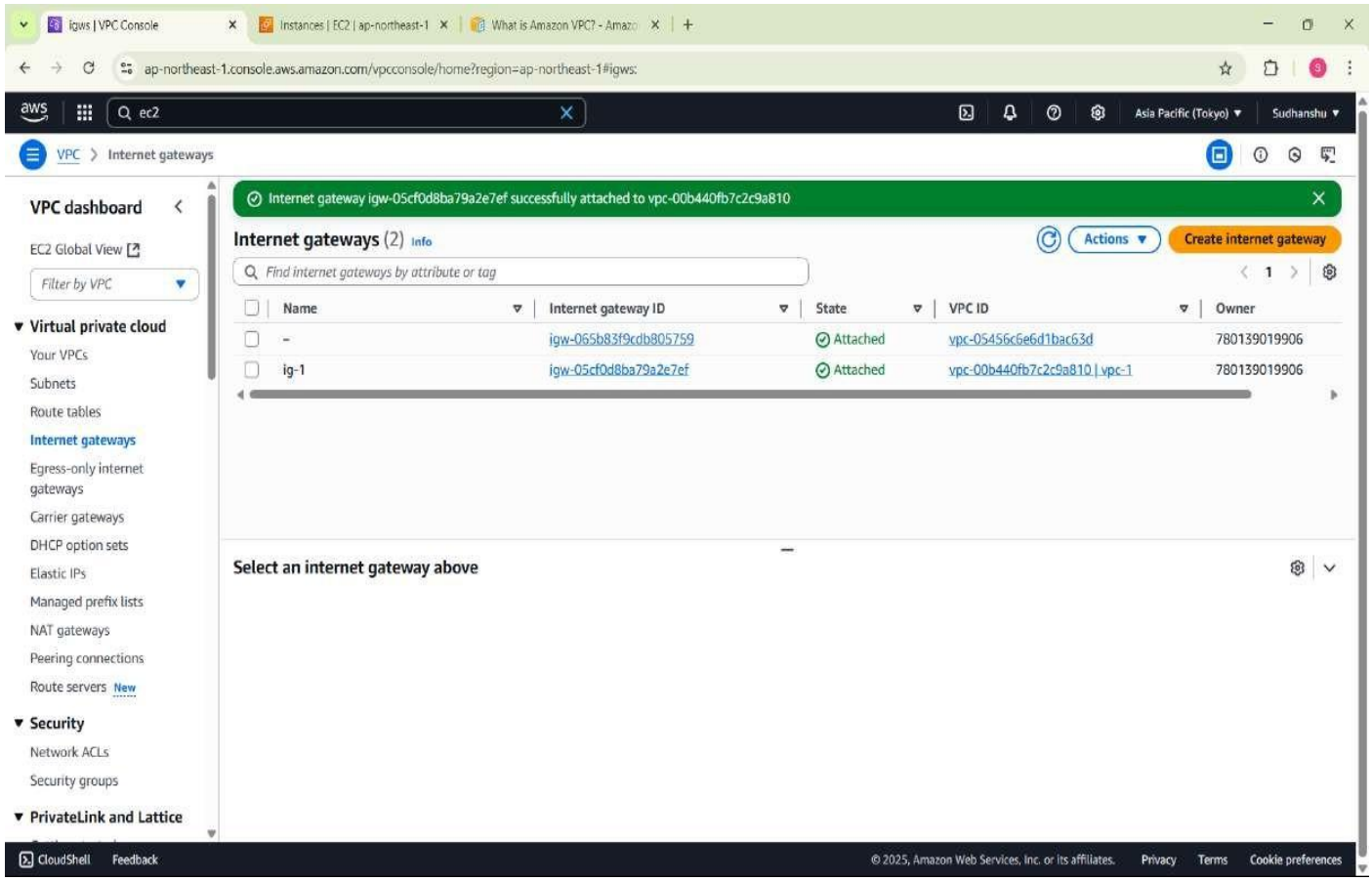
igws | VPC Console
Instances | EC2 | ap-northeast-1
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#igws:
ec2
Asia Pacific (Tokyo)
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VPC > Internet gateways
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Carrier gateways
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Elastic IPs
Managed prefix lists
NAT gateways
Peering connections
Route servers New
Security
Network ACLs
Security groups
PrivateLink and Lattice
Internet gateway igw-05cf0d8ba79a2e7ef successfully attached to vpc-00b440fb7c2c9a810
Internet gateways (2) Info
Actions
Create internet gateway
Find internet gateways by attribute or tag
Name
Internet gateway ID
State
VPC ID
Owner
-
igw-065b83f9cdb805759
Attached
vpc-05456c6e6d1bac63d
780139019906
ig-1
igw-05cf0d8ba79a2e7ef
Attached
vpc-00b440fb7c2c9a810 | vpc-1
780139019906
Select an internet gateway above
CloudShell
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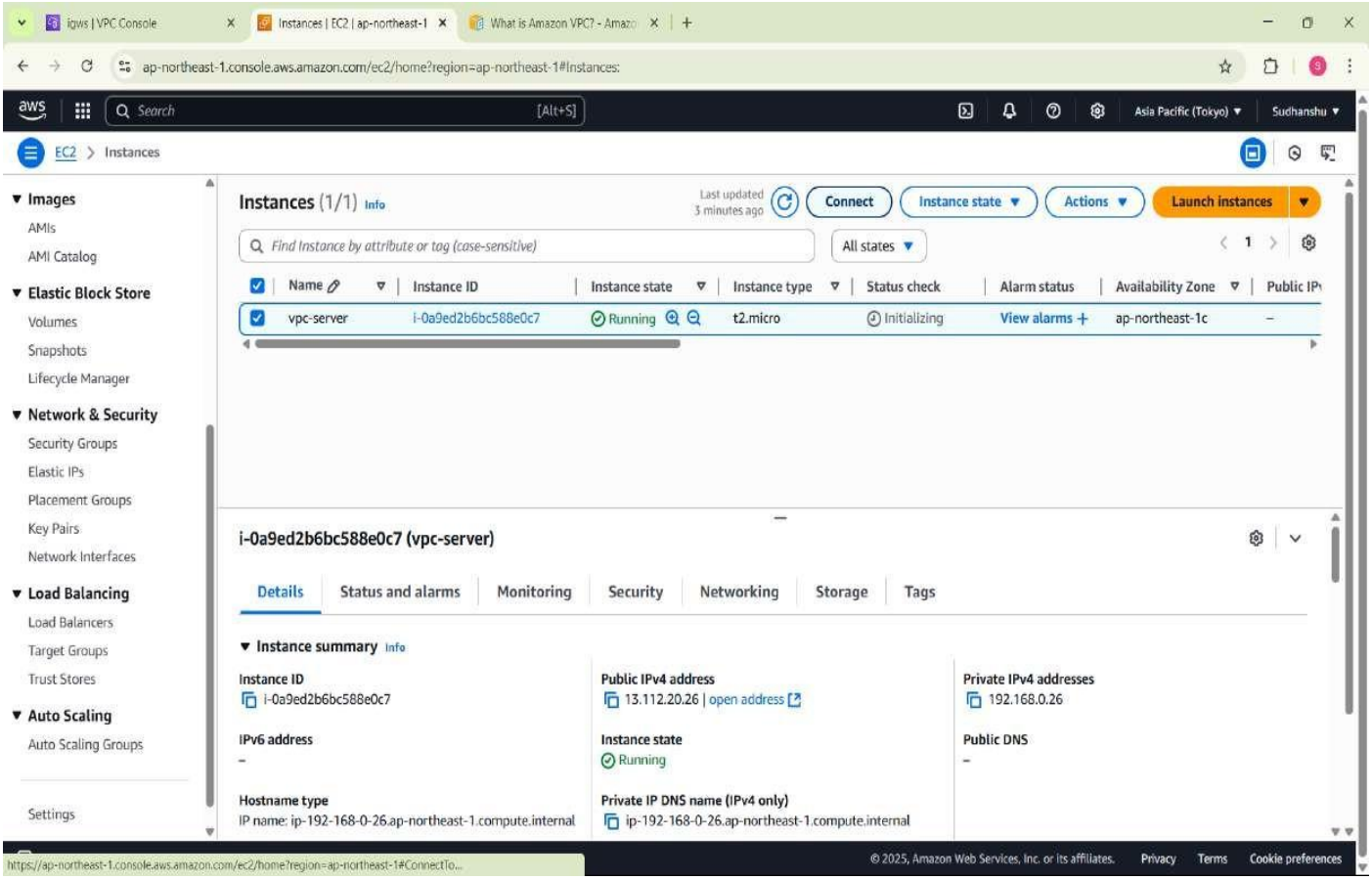
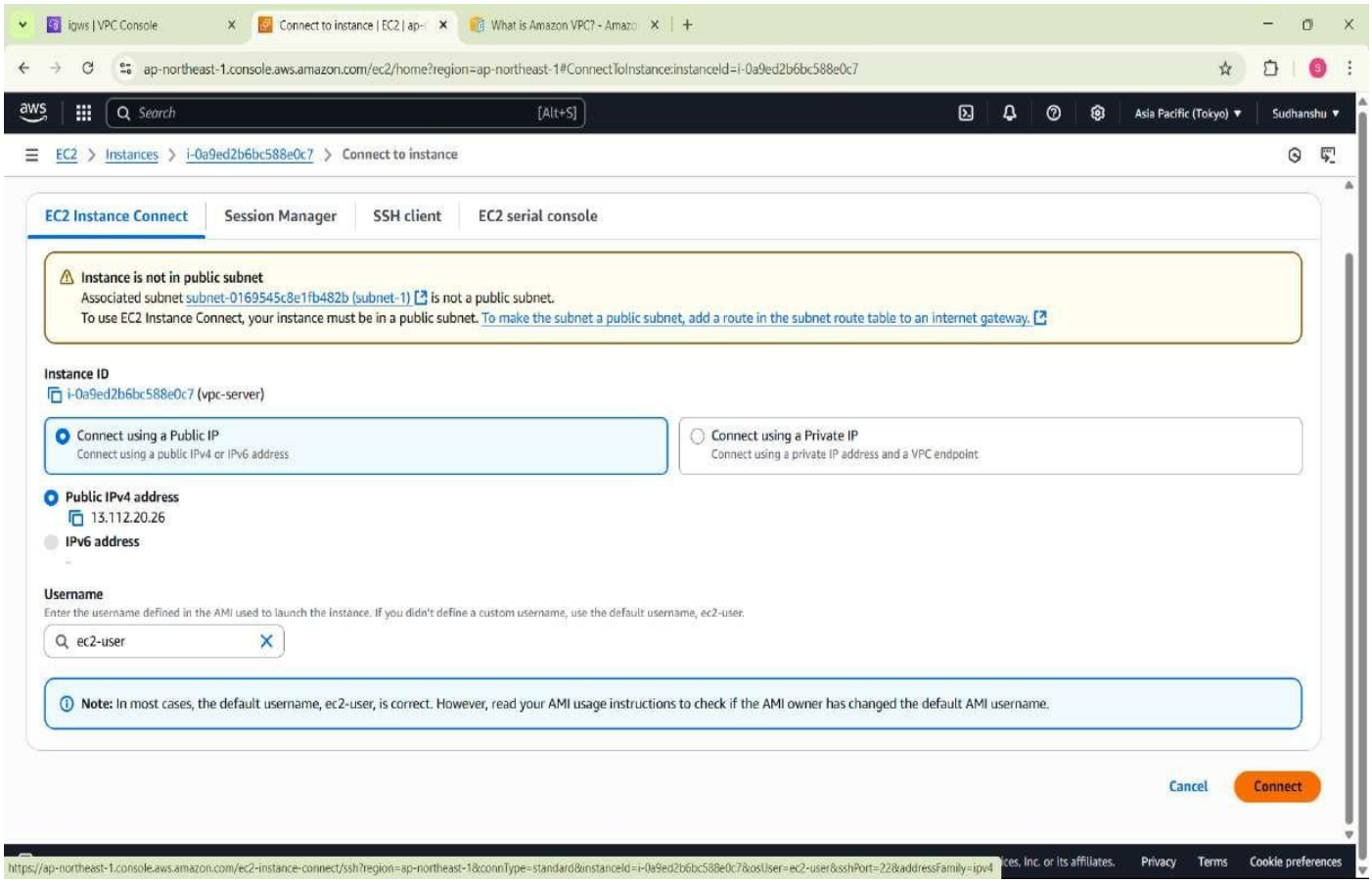
- Now try to connect the instance, it will not connect since we didn't edit the subnet associations and didn't route it to the Internet gateway.
- To edit subnet associations → Go to route tables and click the newly created route table → click on edit subnet associations and add the available subnet.
- On the route table, select the created route table and go to actions and click on edit routes. → Click on add route and enter the route IP and select it as Internet Gateway and choose the internet gateway i.e. created and click sae changes
- Now when we try to connect the instance then it will connect and to check whether it is communicating with the server we can write (ping 8.8.8.8).




igws | VPC Console
Connect to instance | EC2 | ap-
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#ConnectToInstance:instanceId=i-0a9ed2b6bc588e0c7
Search
[Alt+S]
Asia Pacific (Tokyo)
Sudhanshu
EC2 > Instances > i-0a9ed2b6bc588e0c7 > Connect to instance
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance is not in public subnet
Associated subnet subnet-0169545c8e1fb482b (subnet-1) is not a public subnet.
To use EC2 Instance Connect, your instance must be in a public subnet. To make the subnet a public subnet, add a route in the subnet route table to an internet gateway.
Instance ID
i-0a9ed2b6bc588e0c7 (vpc-server)
Connect using a Public IP
Connect using a public IPv4 or IPv6 address
Connect using a Private IP
Connect using a private IP address and a VPC endpoint
Public IPv4 address
13.112.20.26
IPv6 address
Username
Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ec2-user.
ec2-user
Note: In most cases, the default username, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.
Cancel
Connect
Privacy
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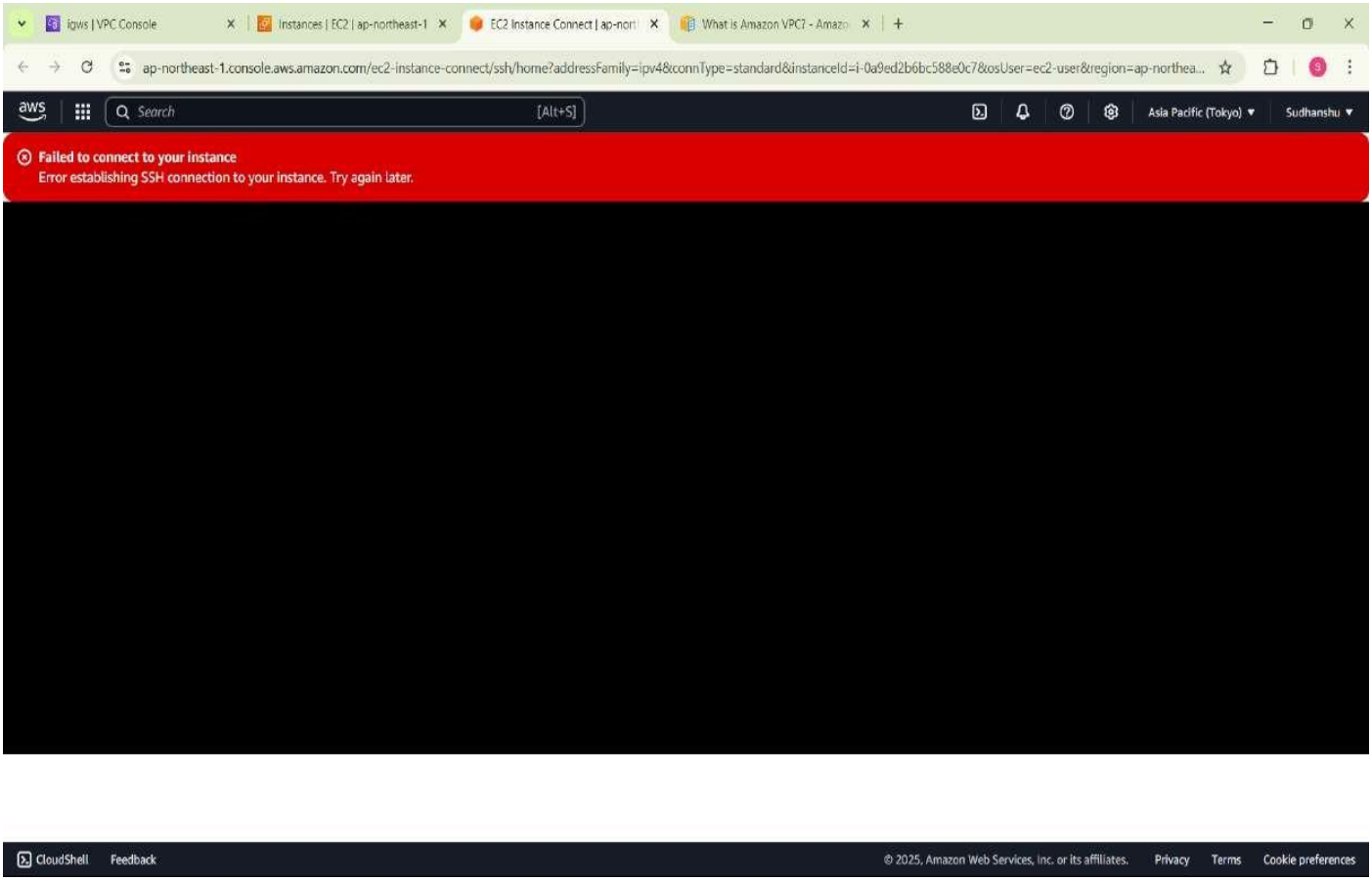
igws | VPC Console
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0a9ed2b6bc588e0c7&osUser=ec2-user&region=ap-northea...
Search
[Alt+S]
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Sudhanshu
Failed to connect to your instance
Error establishing SSH connection to your instance. Try again later.
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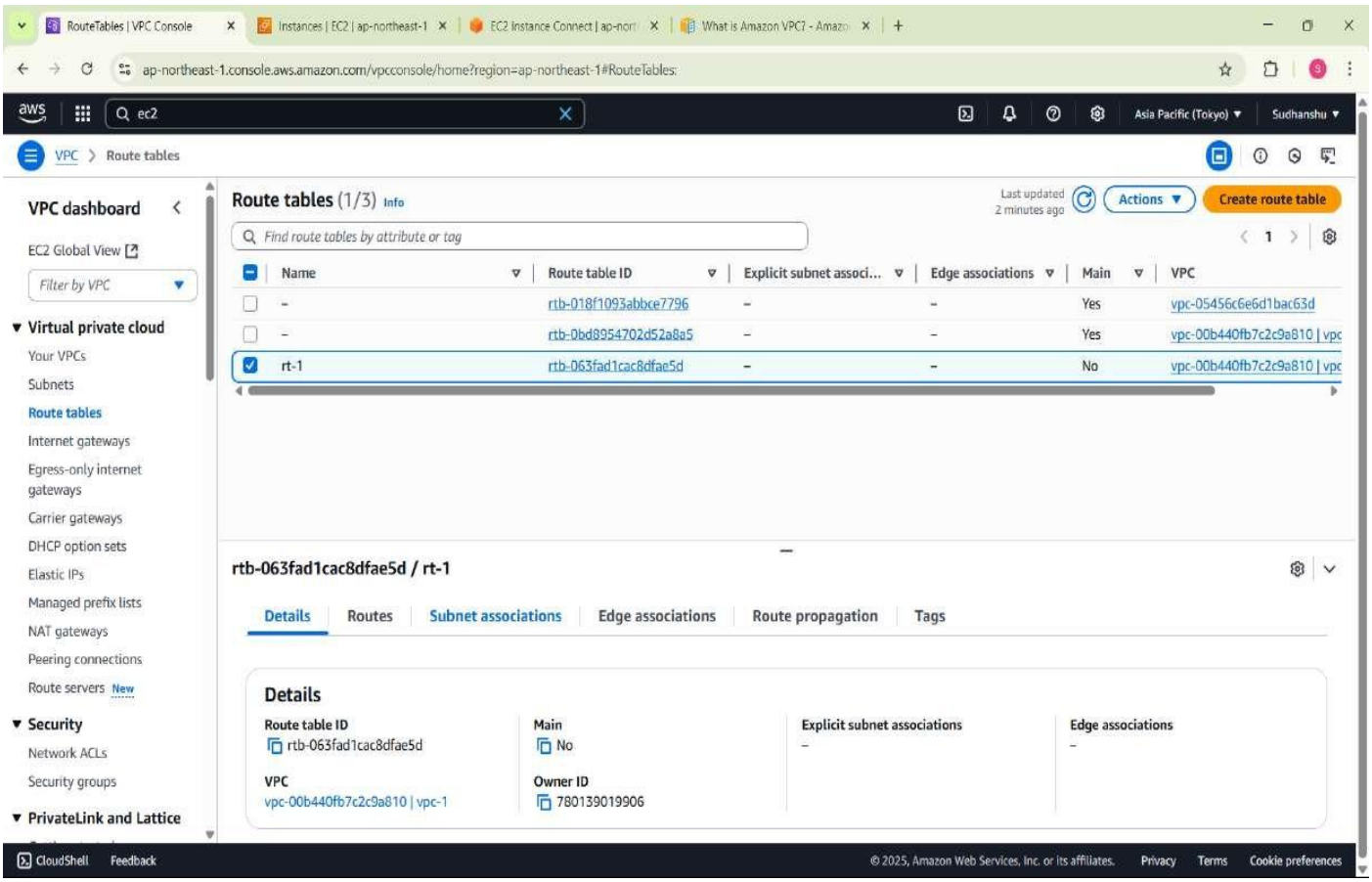
RouteTables | VPC Console
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#RouteTables:
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Route tables (1/3) Info
Last updated 2 minutes ago
Actions
Create route table
Find route tables by attribute or tag
Name
Route table ID
Explicit subnet associ...
Edge associations
Main
VPC
rtb-018f1093abbce7796
rtb-0bd8954702d52a8a5
rtb-063fad1cac8dfae5d
rt-1
rtb-063fad1cac8dfae5d / rt-1
Details
Routes
Subnet associations
Edge associations
Route propagation
Tags
Route table ID
rtb-063fad1cac8dfae5d
Main
No
Explicit subnet associations
Edge associations
VPC
vpc-00b440fb7c2c9a810 | vpc-1
Owner ID
780139019906
CloudShell
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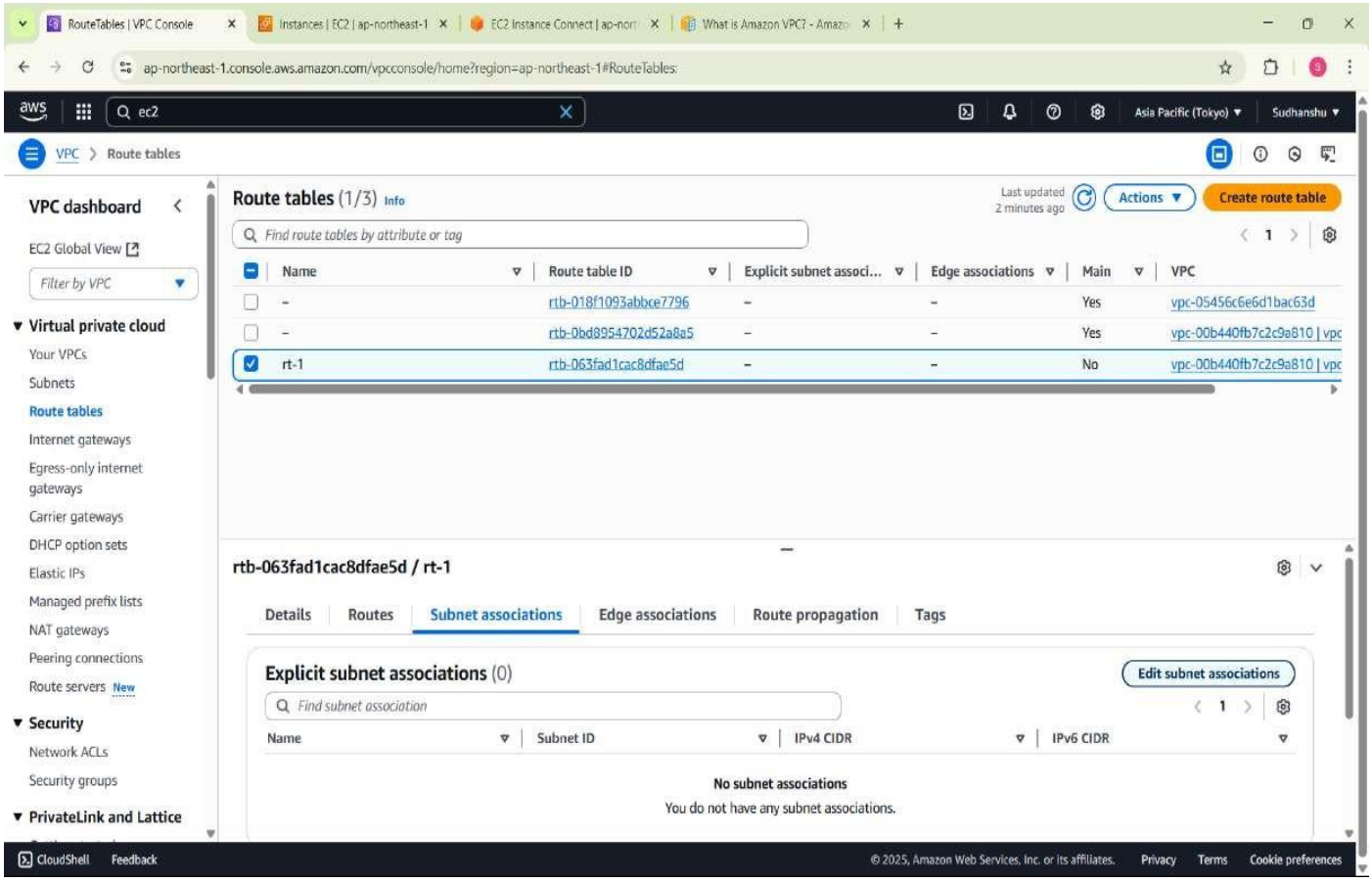
RouteTables | VPC Console
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#RouteTables:
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Security groups
PrivateLink and Lattice
Route tables (1/3) Info
Last updated 2 minutes ago
Actions
Create route table
Find route tables by attribute or tag
Name
Route table ID
Explicit subnet associ...
Edge associations
Main
VPC
rtb-018f1093abbce7796
rtb-0bd8954702d52a8a5
rtb-063fad1cac8dfae5d
rt-1
rtb-063fad1cac8dfae5d / rt-1
Details
Routes
Subnet associations
Edge associations
Route propagation
Tags
Explicit subnet associations (0)
Edit subnet associations
Find subnet association
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
No subnet associations
You do not have any subnet associations.
CloudShell
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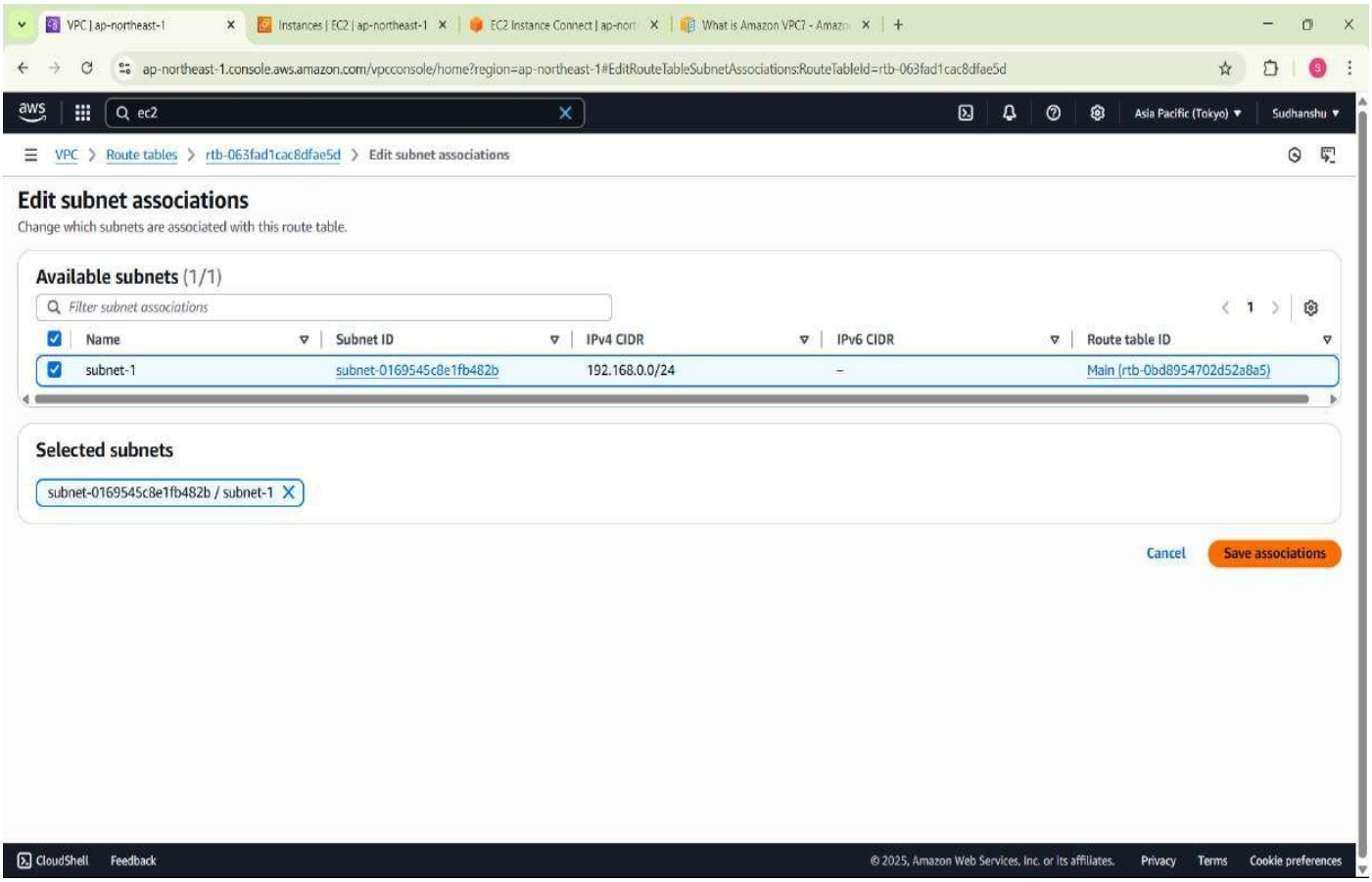
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-063fad1cac8dfae5d
aws
ec2
Asia Pacific (Tokyo)
Sudhanshu
VPC > Route tables > rtb-063fad1cac8dfae5d > Edit subnet associations
Edit subnet associations
Change which subnets are associated with this route table.
Available subnets (1/1)
Filter subnet associations
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Route table ID
subnet-1
subnet-0169545c8e1fb482b
192.168.0.0/24
–
Main (rtb-0bd8954702d52a8a5)
Selected subnets
subnet-0169545c8e1fb482b / subnet-1
Cancel
Save associations
CloudShell
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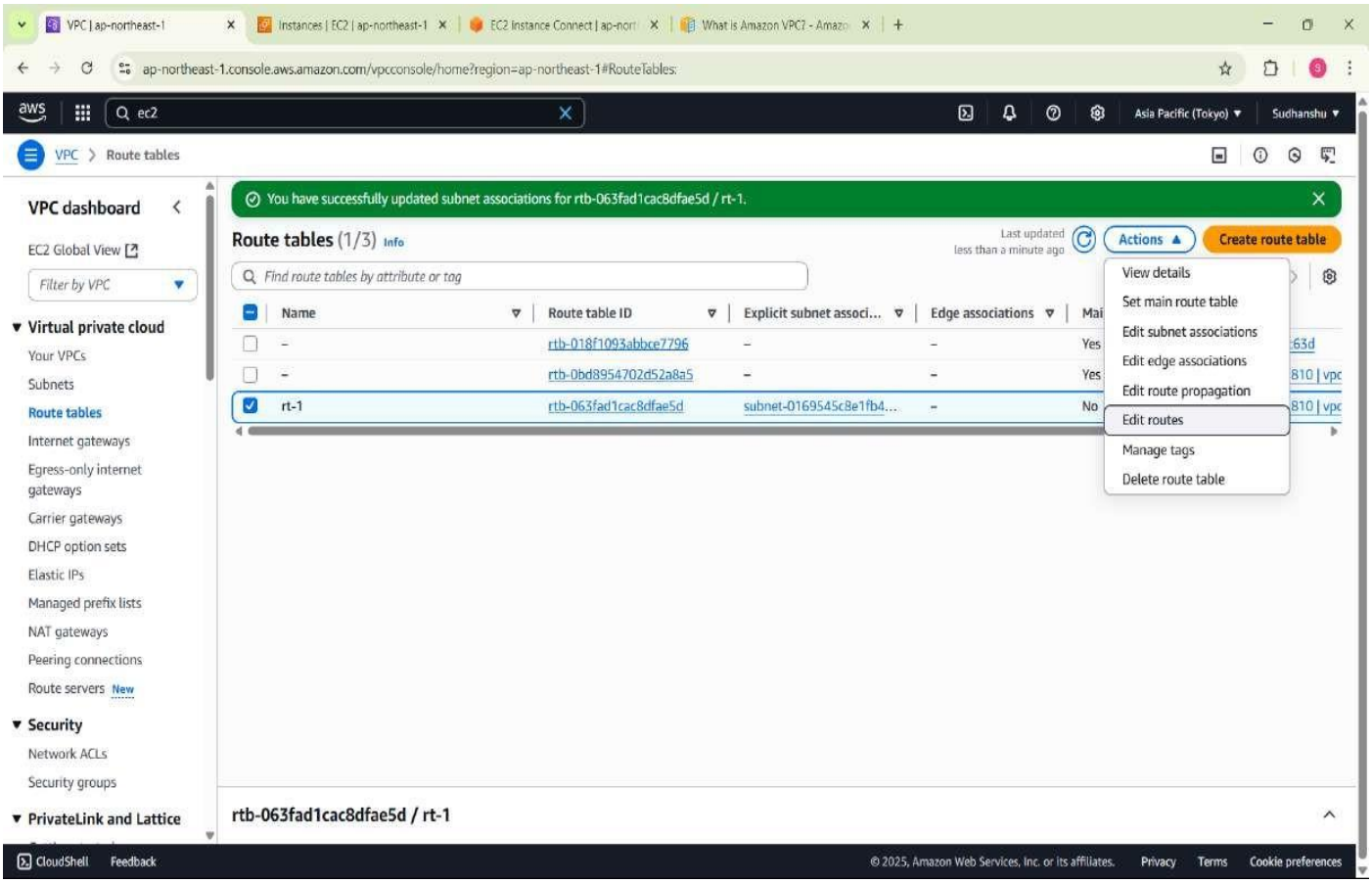
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#RouteTables:
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You have successfully updated subnet associations for rtb-063fad1cac8dfae5d / rt-1.
Route tables (1/3) Info
Last updated less than a minute ago
Actions
Create route table
Find route tables by attribute or tag
Name
Route table ID
Explicit subnet associ...
Edge associations
rtb-018f1093abbce7796
rtb-0bd8954702d52a8a5
rt-1
rtb-063fad1cac8dfae5d
subnet-0169545c8e1fb4...
No
View details
Set main route table
Edit subnet associations
Edit edge associations
Edit route propagation
Edit routes
Manage tags
Delete route table
rtb-063fad1cac8dfae5d / rt-1
CloudShell
Feedback
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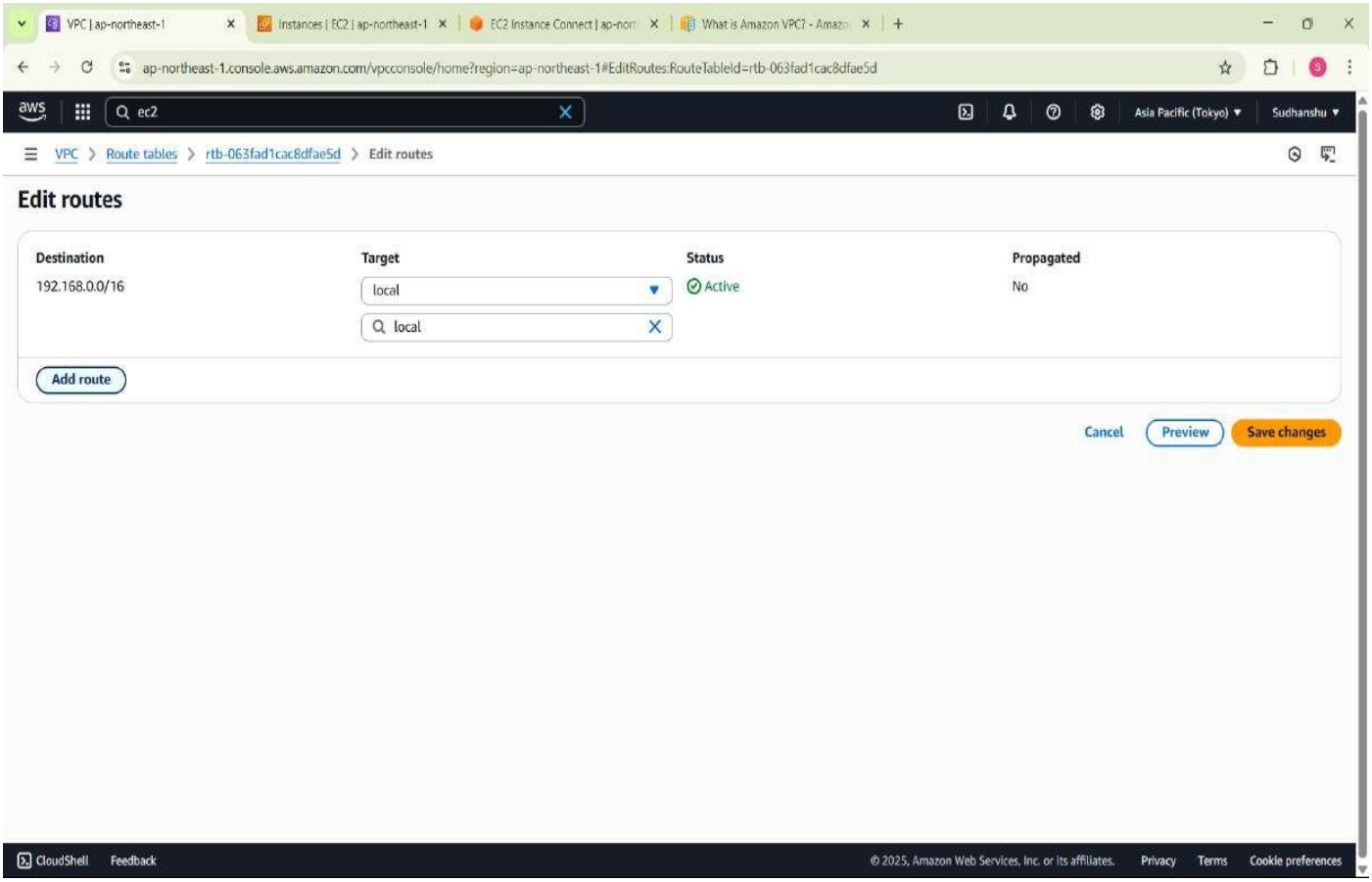
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#EditRoutes:RouteTableId=rtb-063fad1cac8dfae5d
aws
ec2
Asia Pacific (Tokyo)
Sudhanshu
VPC > Route tables > rtb-063fad1cac8dfae5d > Edit routes
Edit routes
Destination
Target
Status
Propagated
192.168.0.0/16
local
Active
No
local
Add route
Cancel
Preview
Save changes
CloudShell
Feedback
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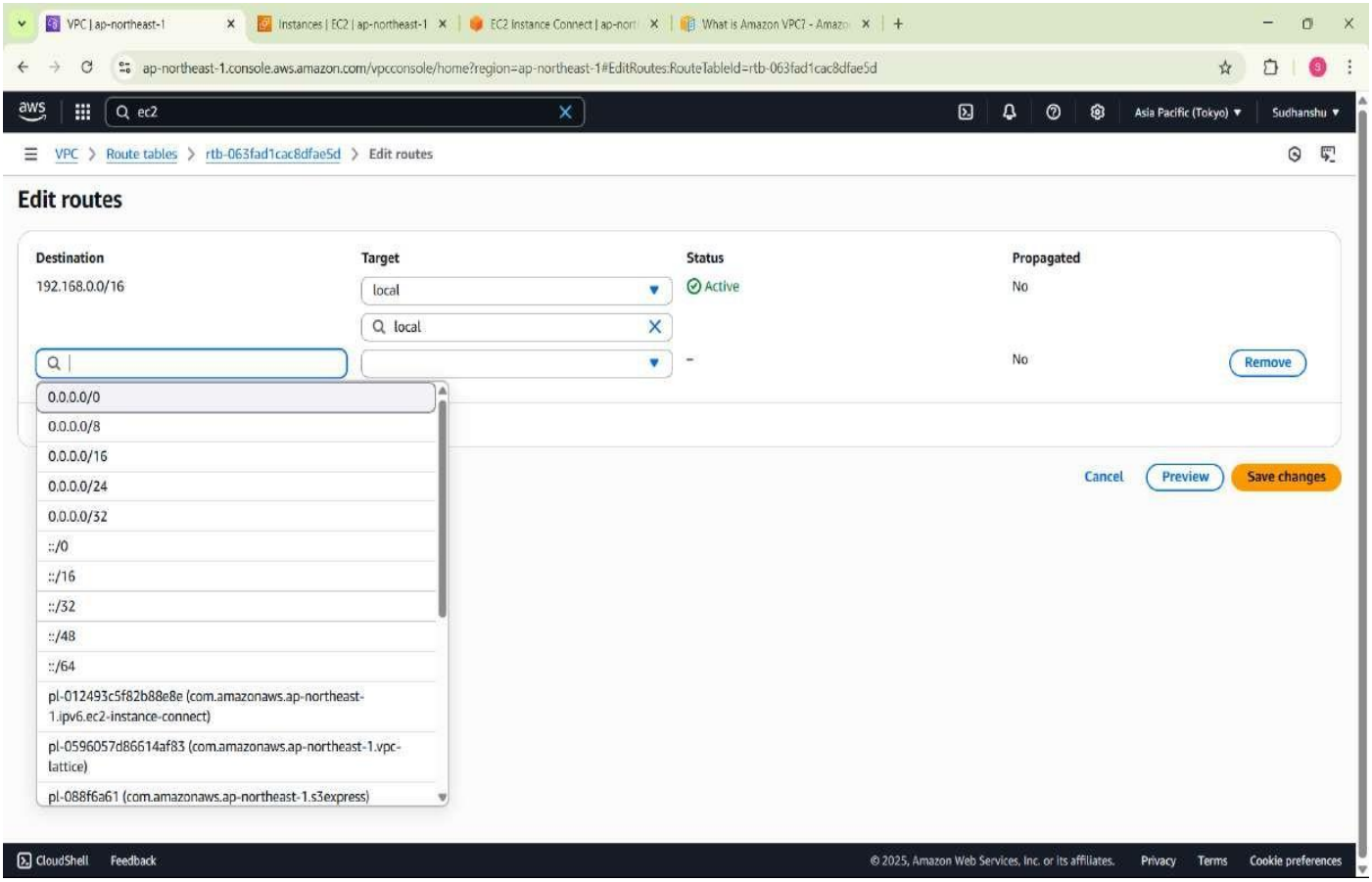
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#EditRoutes:RouteTableId=rtb-063fad1cac8dfae5d
aws
ec2
Asia Pacific (Tokyo)
Sudhanshu
VPC > Route tables > rtb-063fad1cac8dfae5d > Edit routes
Edit routes
Destination
Target
Status
Propagated
192.168.0.0/16
local
Active
No
local
-
No
Remove
0.0.0.0/0
0.0.0.0/8
0.0.0.0/16
0.0.0.0/24
0.0.0.0/32
::/0
::/16
::/32
::/48
::/64
pl-012493c5f82b88e8e (com.amazonaws.ap-northeast-1.ipv6.ec2-instance-connect)
pl-0596057d86614af83 (com.amazonaws.ap-northeast-1.vpc-lattice)
pl-088f6a61 (com.amazonaws.ap-northeast-1.s3express)
Cancel
Preview
Save changes
CloudShell
Feedback
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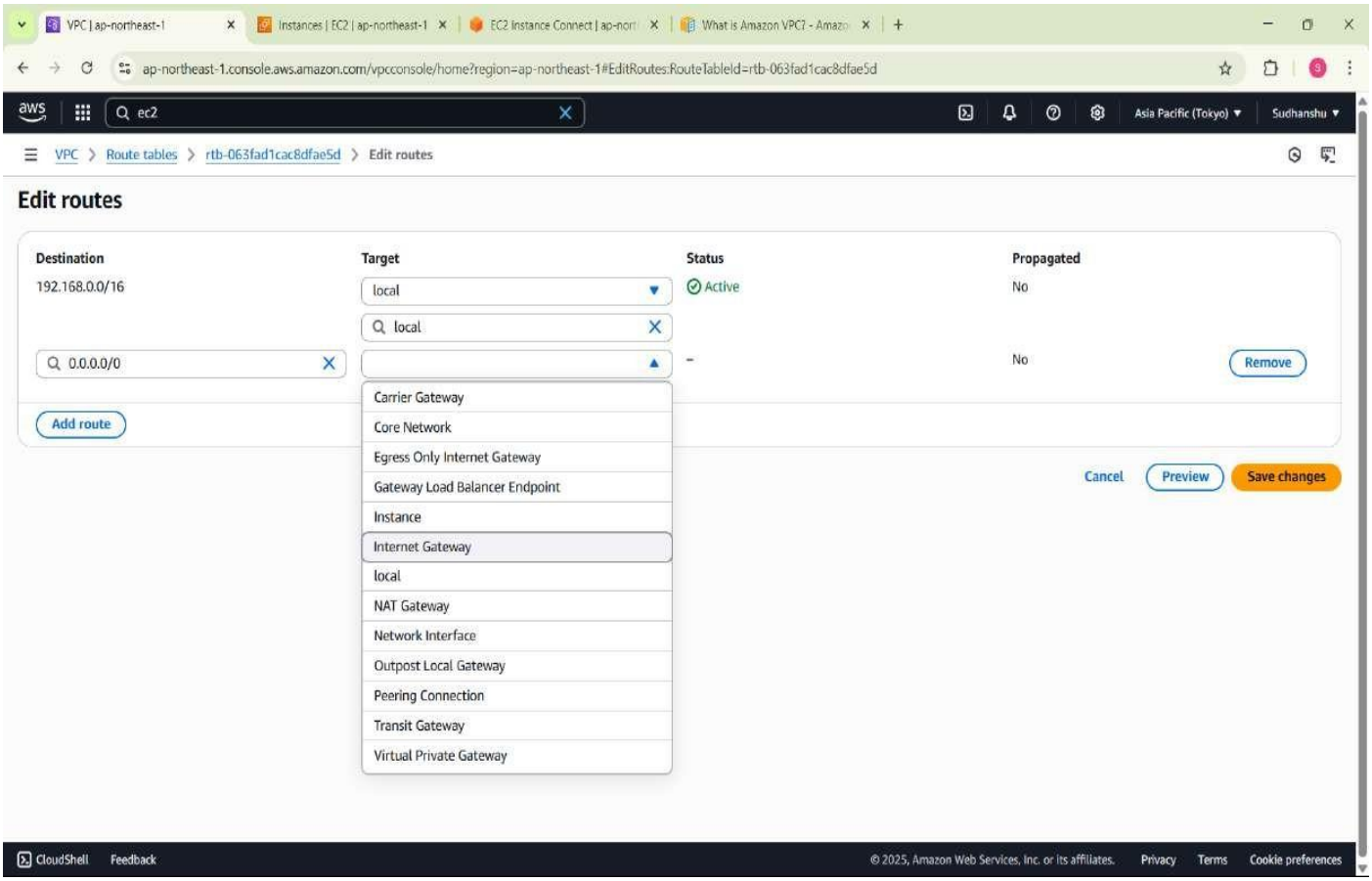
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#EditRoutes:RouteTableId=rtb-063fad1cac8dfae5d
aws
ec2
Asia Pacific (Tokyo)
Sudhanshu
VPC > Route tables > rtb-063fad1cac8dfae5d > Edit routes
Edit routes
Destination
Target
Status
Propagated
192.168.0.0/16
local
Active
No
local
0.0.0.0/0
No
Remove
Carrier Gateway
Core Network
Egress Only Internet Gateway
Gateway Load Balancer Endpoint
Instance
Internet Gateway
local
NAT Gateway
Network Interface
Outpost Local Gateway
Peering Connection
Transit Gateway
Virtual Private Gateway
Add route
Cancel
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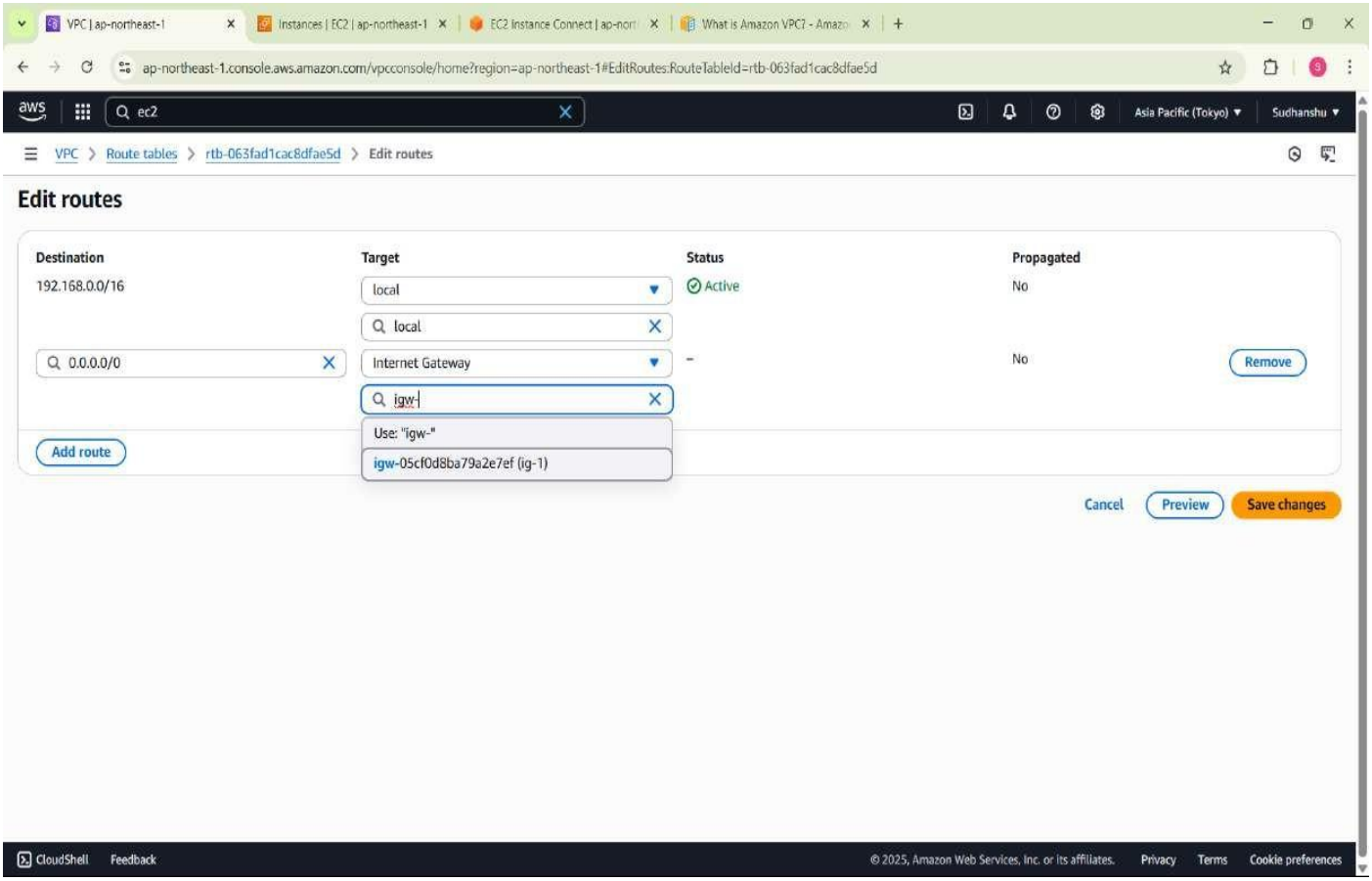
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#EditRoutes:RouteTableId=rtb-063fad1cac8dfae5d
aws
ec2
Asia Pacific (Tokyo)
Sudhanshu
VPC > Route tables > rtb-063fad1cac8dfae5d > Edit routes
Edit routes
Destination
Target
Status
Propagated
192.168.0.0/16
local
Active
No
local
0.0.0.0/0
Internet Gateway
No
Remove
igw-
Use: "igw-"
igw-05cf0d8ba79a2e7ef (ig-1)
Add route
Cancel
Preview
Save changes
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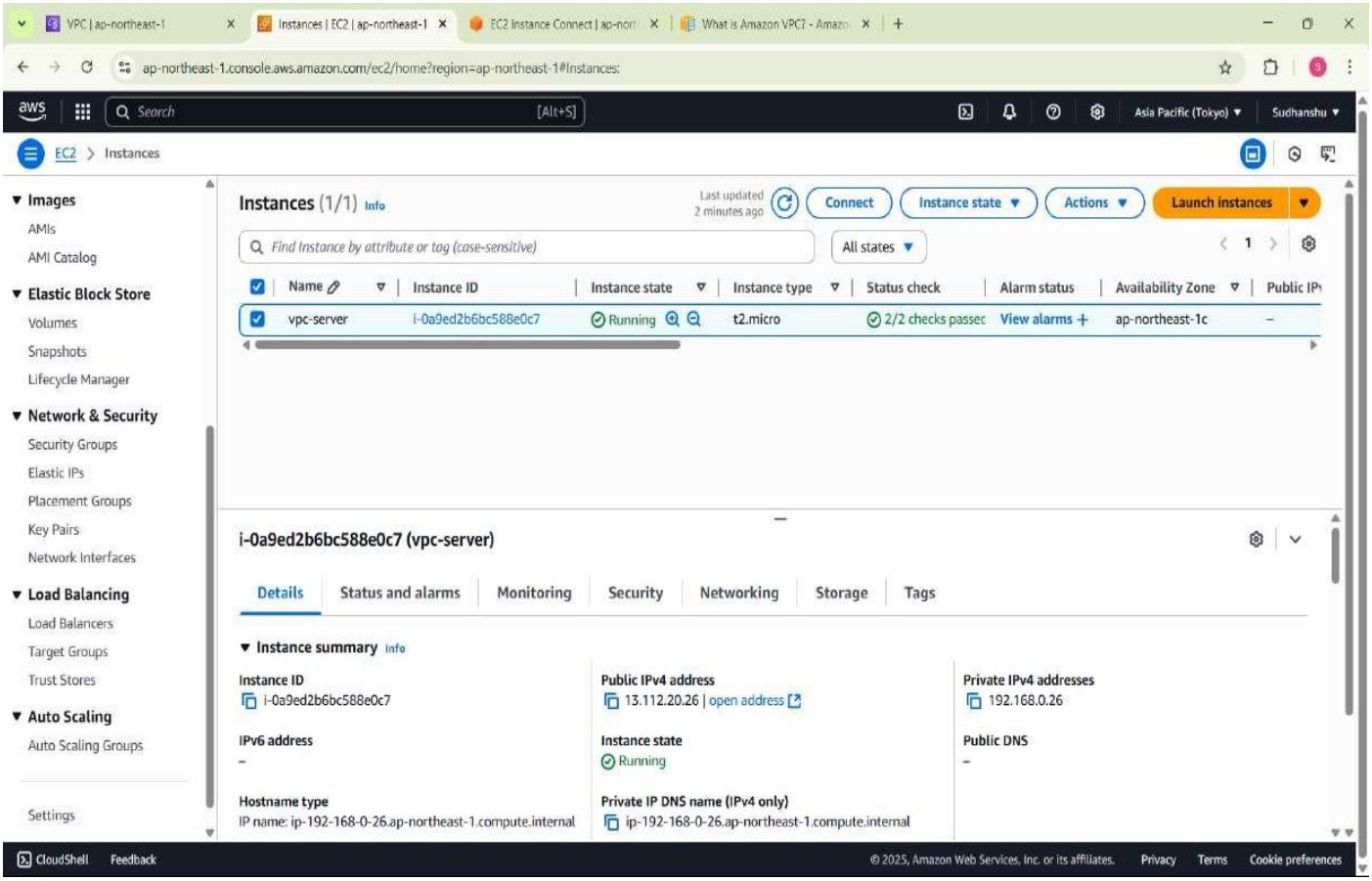
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#Instances:
Search
[Alt+S]
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EC2 > Instances
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
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Instance ID
Instance state
Instance type
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Alarm status
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Public IP
vpc-server
i-0a9ed2b6bc588e0c7
Running
t2.micro
2/2 checks passed
View alarms
ap-northeast-1c
i-0a9ed2b6bc588e0c7 (vpc-server)
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Status and alarms
Monitoring
Security
Networking
Storage
Tags
Instance summary Info
Instance ID
i-0a9ed2b6bc588e0c7
Public IPv4 address
13.112.20.26 | open address
Private IPv4 addresses
192.168.0.26
IPv6 address
-
Instance state
Running
Public DNS
-
Hostname type
IP name: ip-192-168-0-26.ap-northeast-1.compute.internal
Private IP DNS name (IPv4 only)
ip-192-168-0-26.ap-northeast-1.compute.internal
CloudShell
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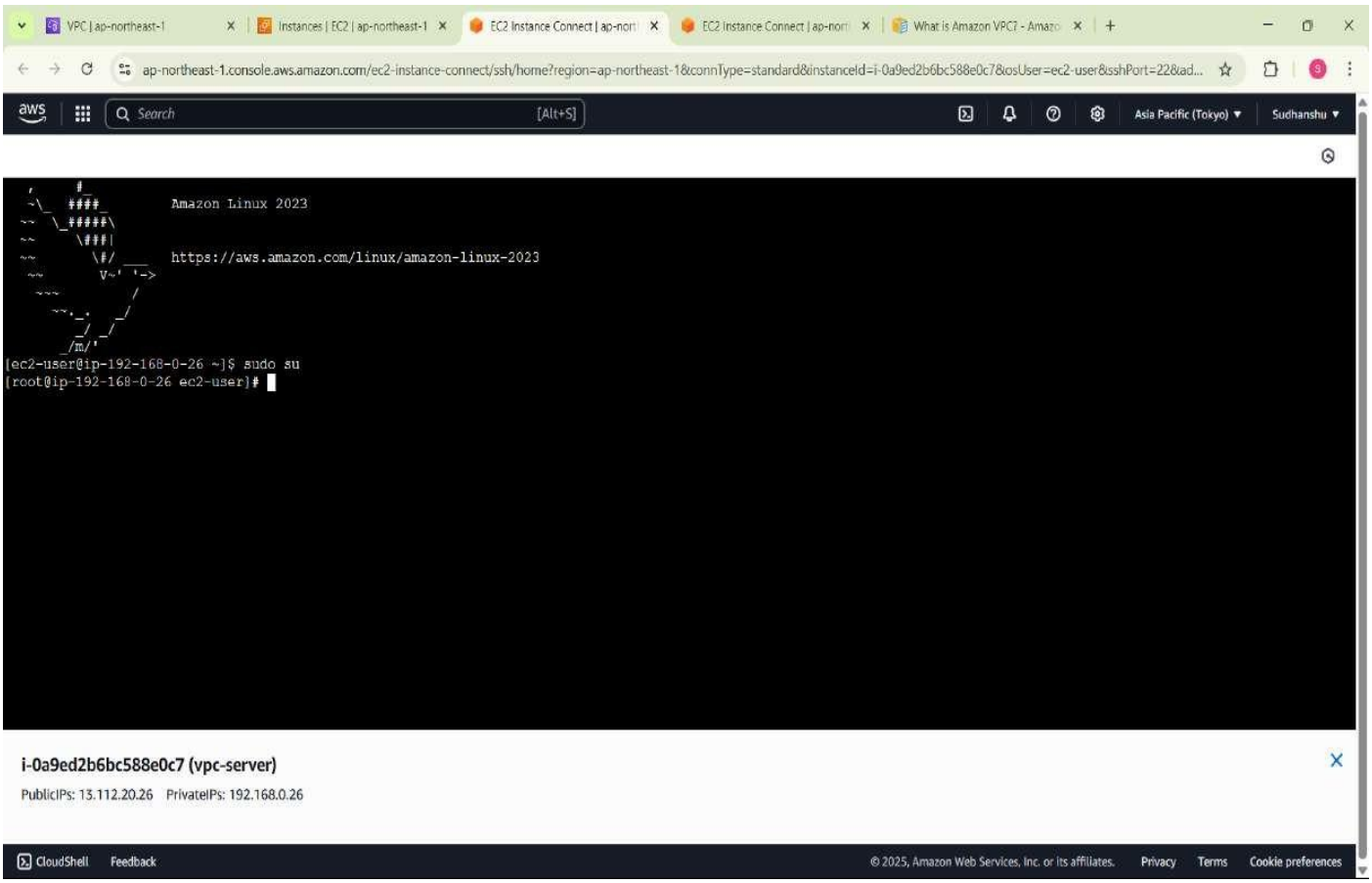
VPC | ap-northeast-1
Instances | EC2 | ap-northeast-1
EC2 Instance Connect | ap-nort
EC2 Instance Connect | ap-nort
What is Amazon VPC? - Amazo
ap-northeast-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-northeast-1&connType=standard&instanceId=i-0a9ed2b6bc588e0c7&osUser=ec2-user&sshPort=22&ad...
Search
[Alt+S]
Asia Pacific (Tokyo)
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Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-192-168-0-26 ~]$ sudo su
[root@ip-192-168-0-26 ec2-user]#
i-0a9ed2b6bc588e0c7 (vpc-server)
PublicIPs: 13.112.20.26 PrivateIPs: 192.168.0.26
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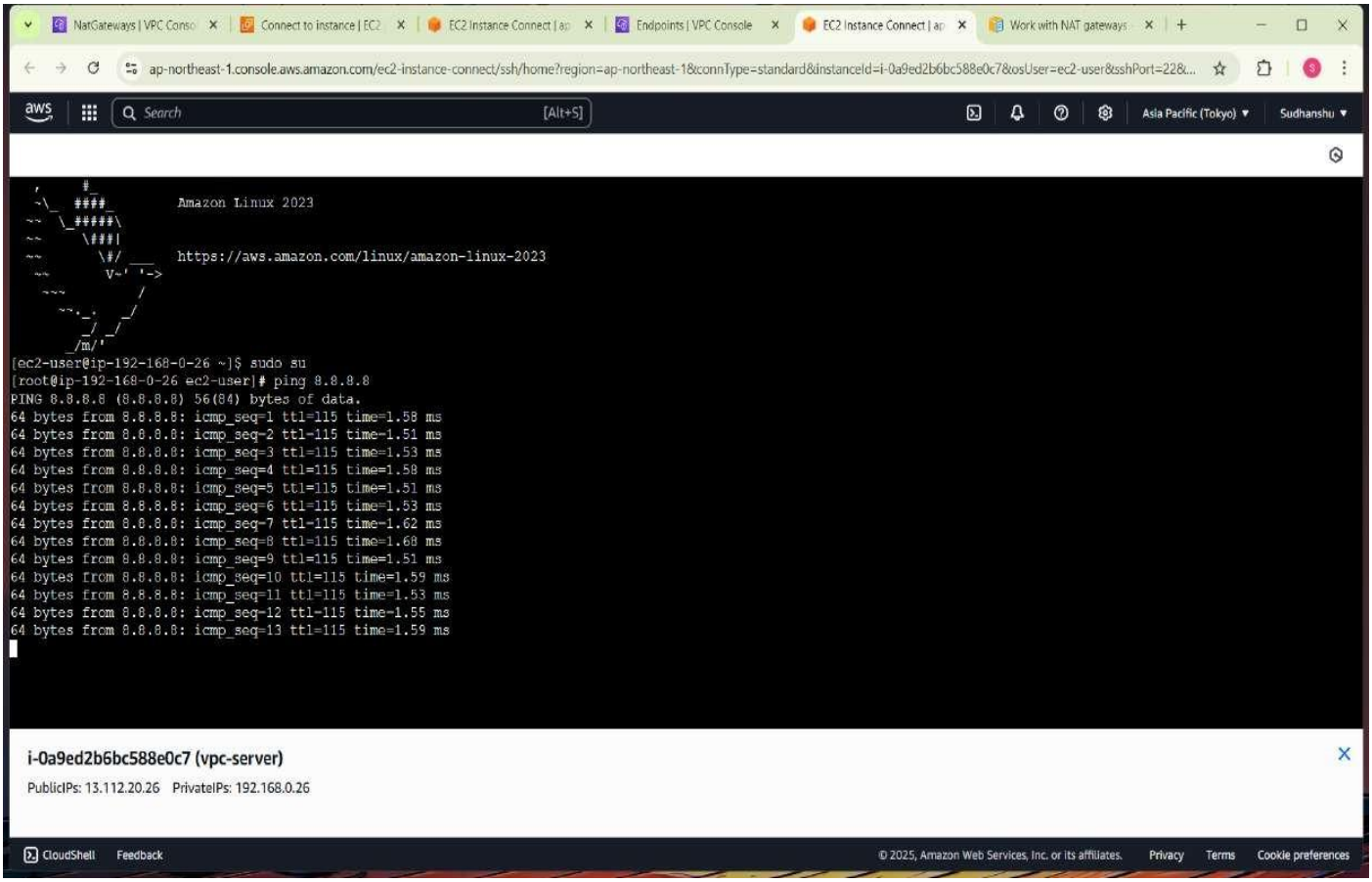
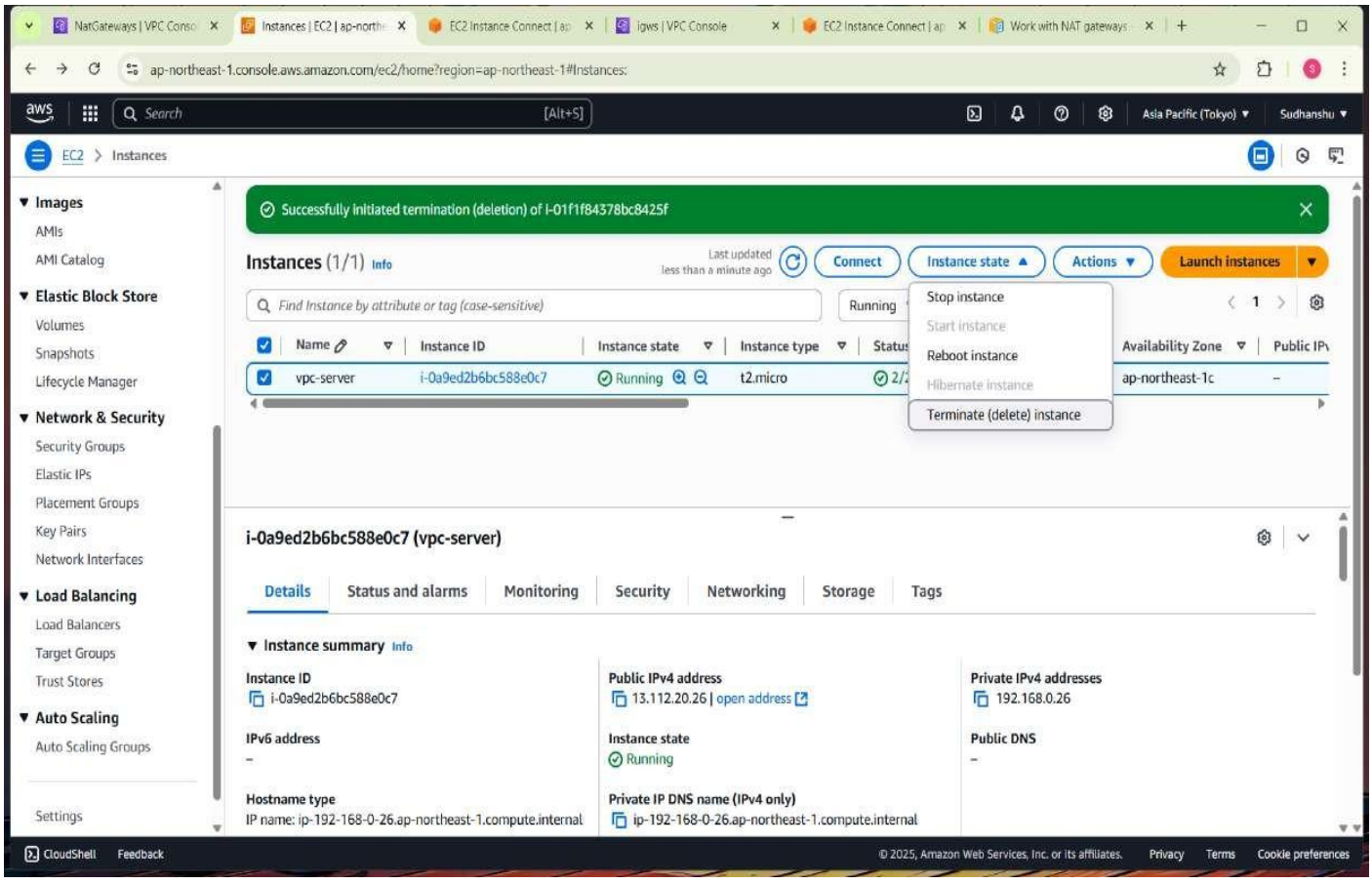
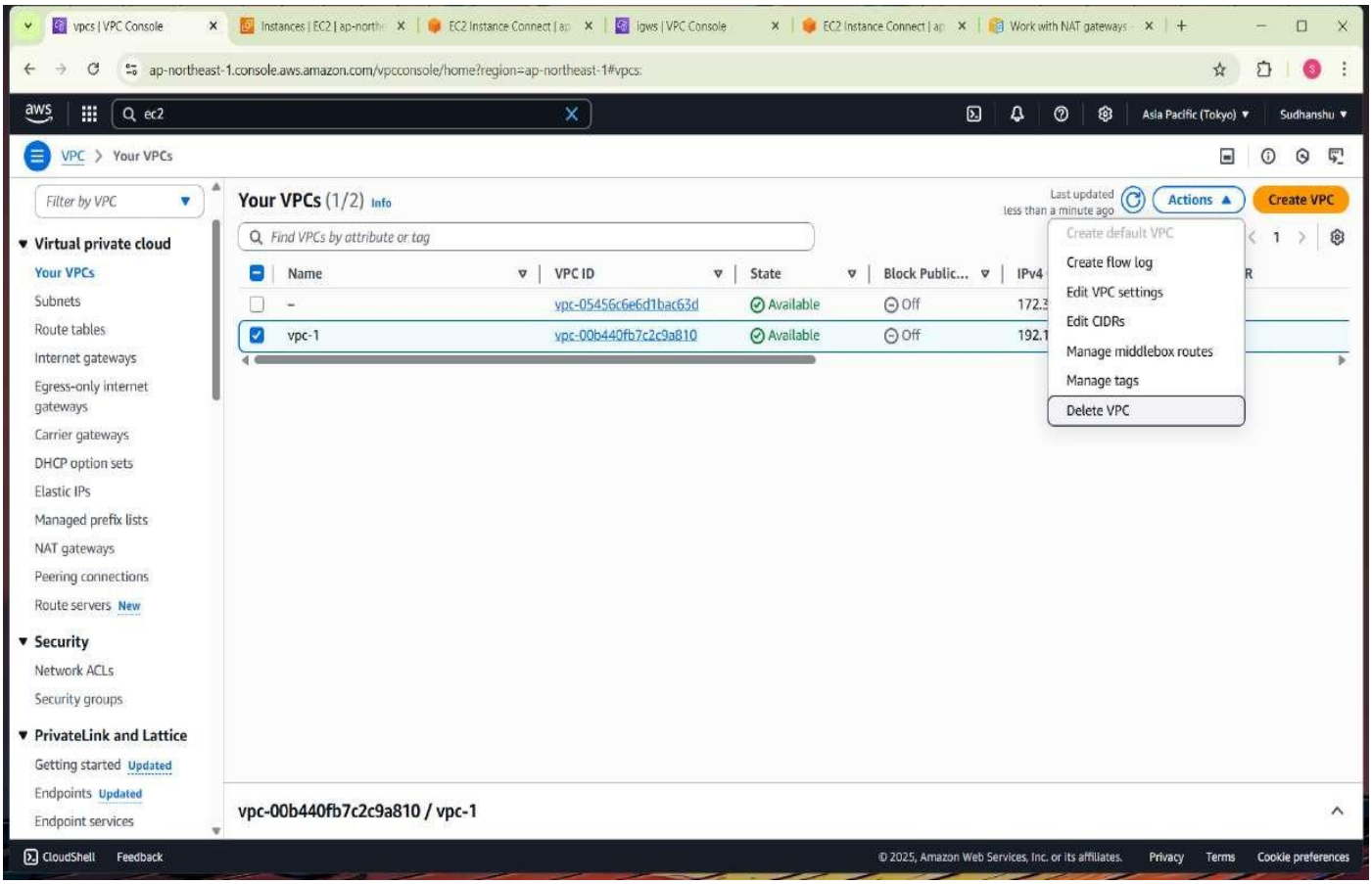


- Now terminate the instance and delete the VPC, on deleting VPC the associated subnets, route tables and internet gateways will also get deleted.




vpcs | VPC Console
ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#vpcs:
ec2
Asia Pacific (Tokyo)
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VPC > Your VPCs
Filter by VPC
Your VPCs (1/2) Info
Last updated less than a minute ago
Actions
Create VPC
Find VPCs by attribute or tag
Name
VPC ID
State
Block Public...
IPv4
vpc-05456c6e6d1bac63d
vpc-00b440fb7c2c9a810
Available
Off
vpc-1
Create default VPC
Create flow log
Edit VPC settings
Edit CIDRs
Manage middlebox routes
Manage tags
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Getting started Updated
Endpoints Updated
Endpoint services
vpc-00b440fb7c2c9a810 / vpc-1
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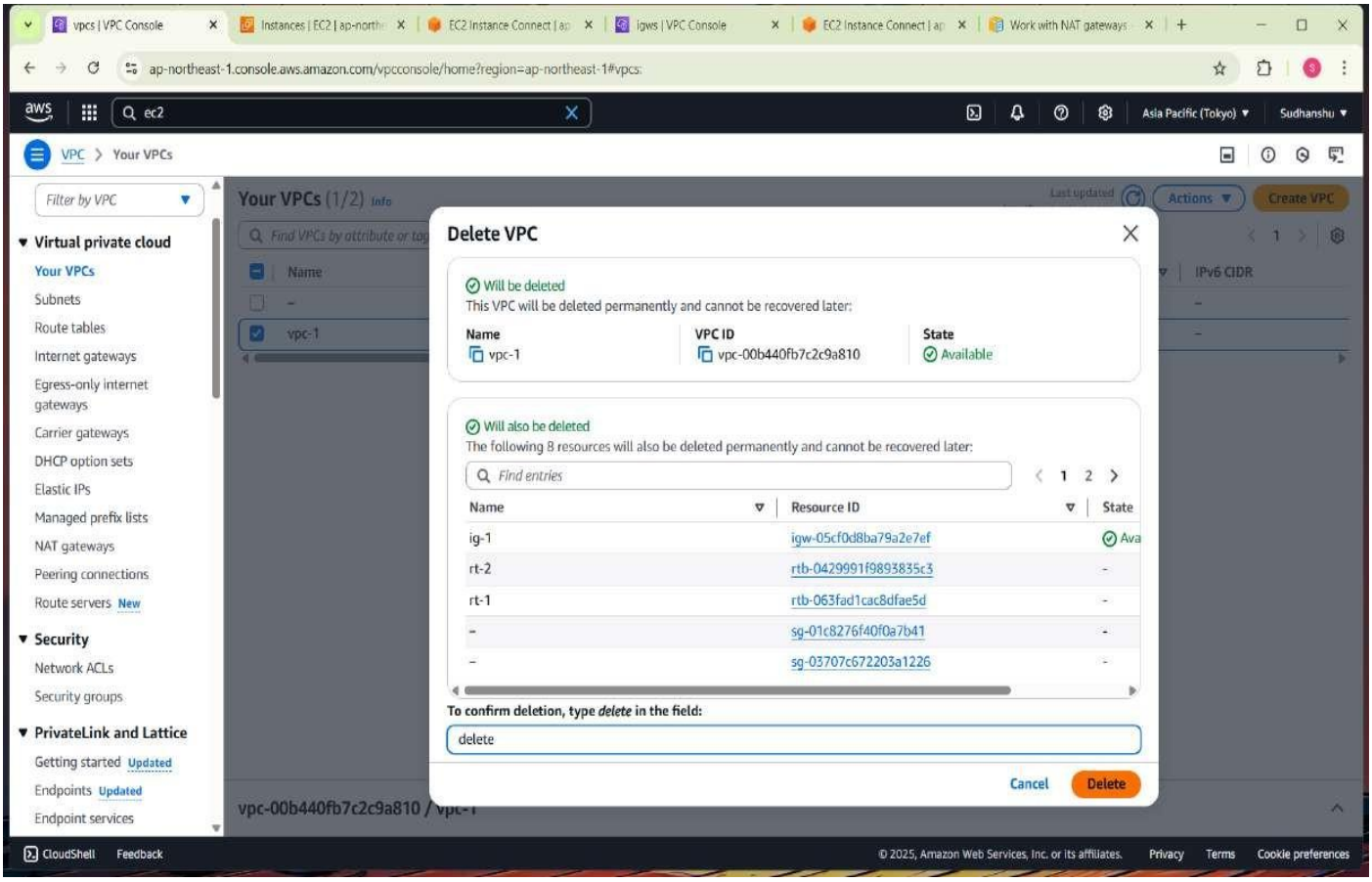
Terms
Cookie preferences


Delete VPC
Will be deleted
This VPC will be deleted permanently and cannot be recovered later:
Name
vpc-1
VPC ID
vpc-00b440fb7c2c9a810
State
Available
Will also be deleted
The following 8 resources will also be deleted permanently and cannot be recovered later:
Find entries
Name
Resource ID
State
ig-1
igw-05cf0d8ba79a2e7ef
rt-2
rtb-0429991f9893835c3
rt-1
rtb-063fad1cac8dfae5d
sg-01c8276f40f0a7b41
sg-03707c672203a1226
To confirm deletion, type delete in the field:
delete
Cancel
Delete