ASSIGNMENT – 2

COURSE : DEVOPS

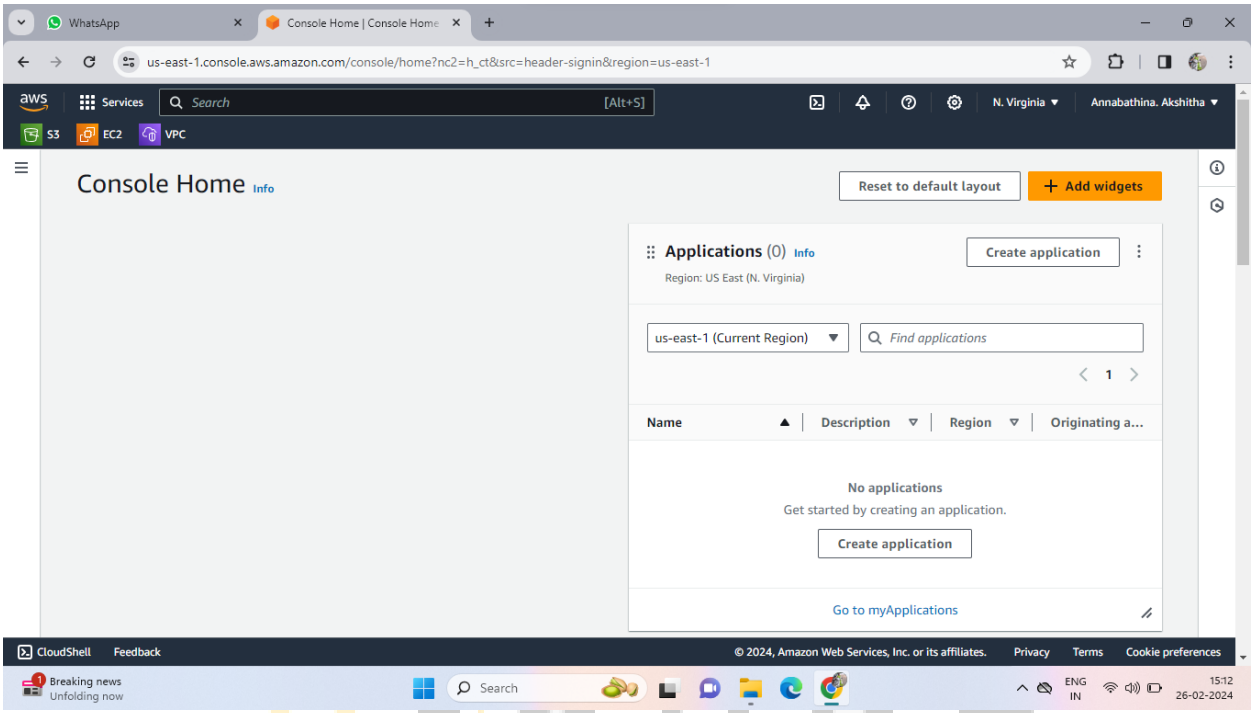
Trainer : Mr . MADHUKAR

NAME:A AKSHITHA

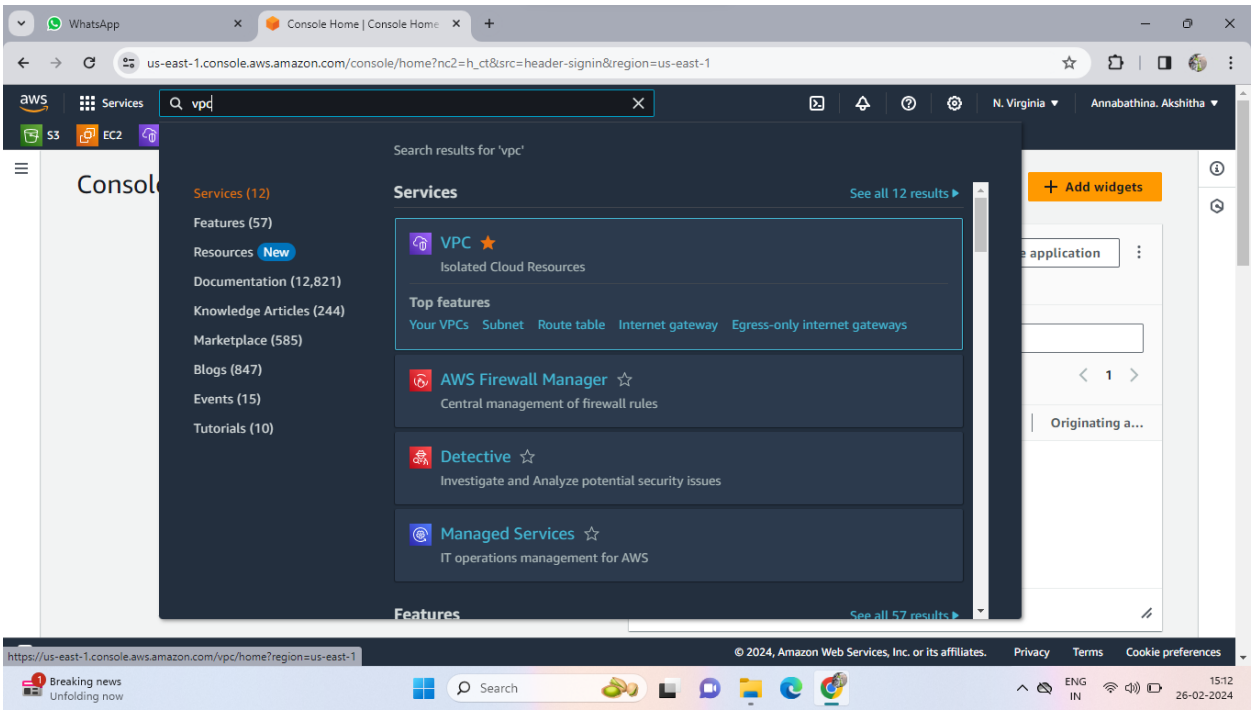
Mail id : annabathinaakshitha13@gmail.com

Q) Create transi gateway in two different account ?

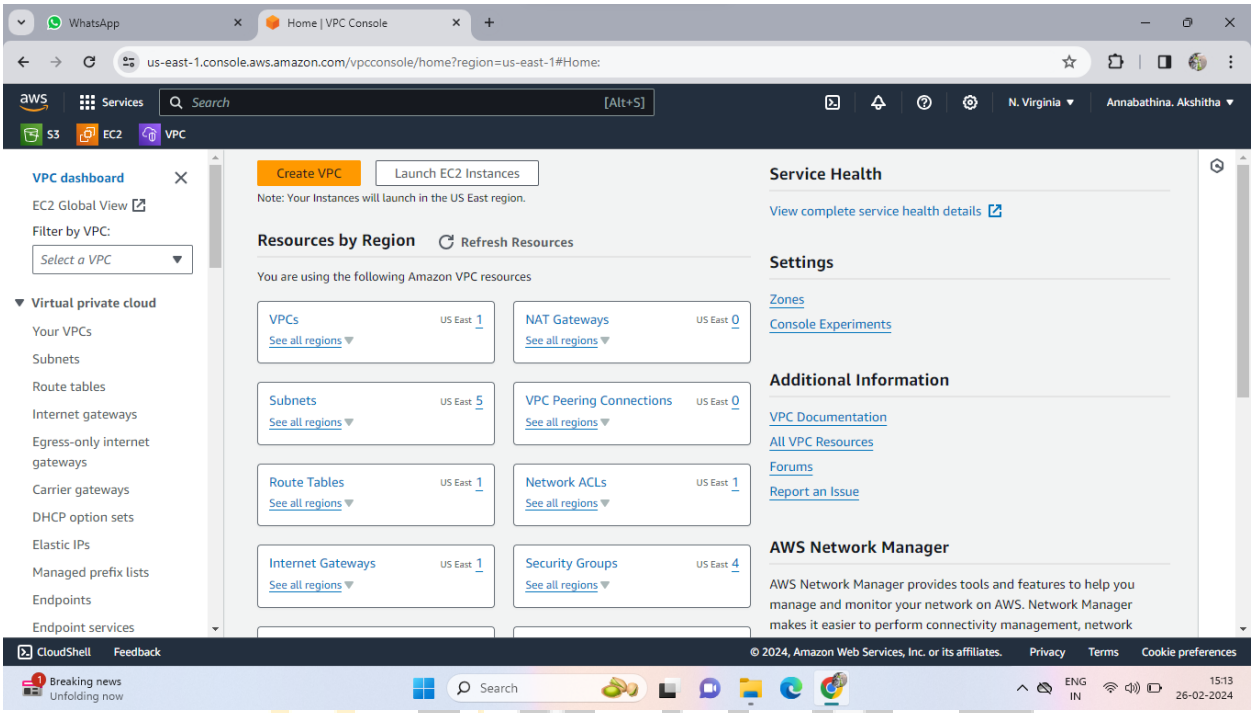
- First Go to Amazon Console Home



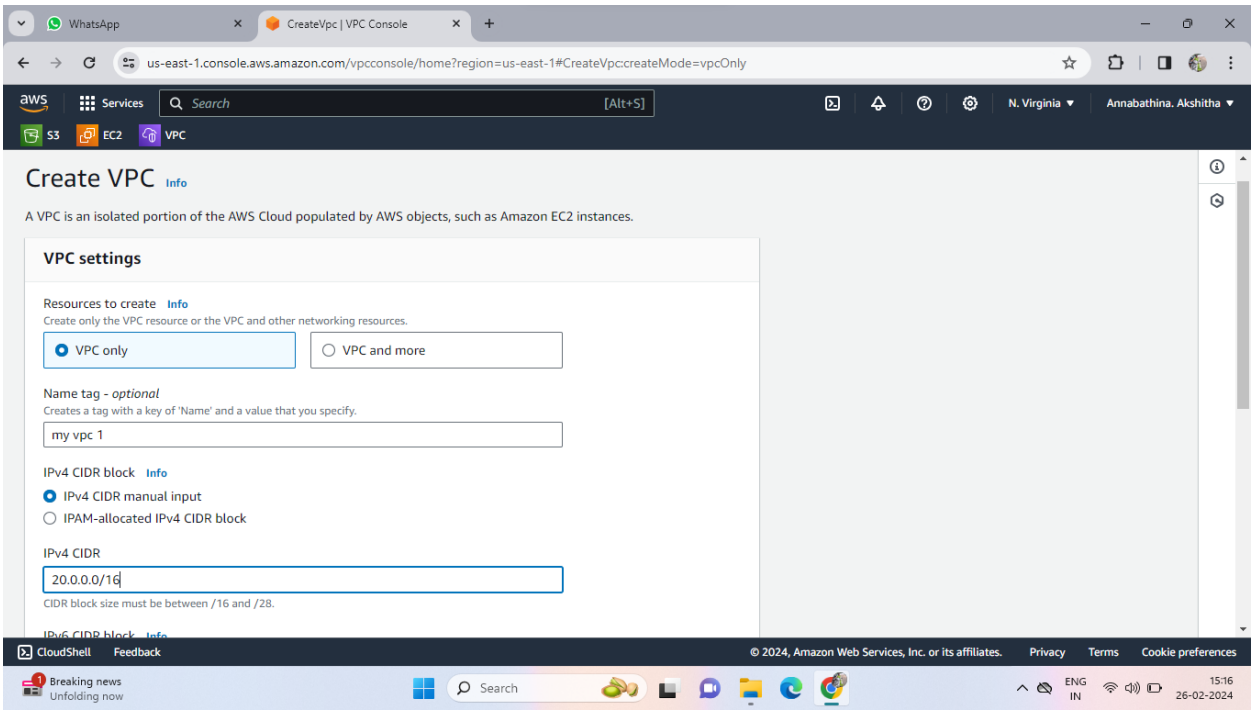
- Search for VPC and Click on VPC

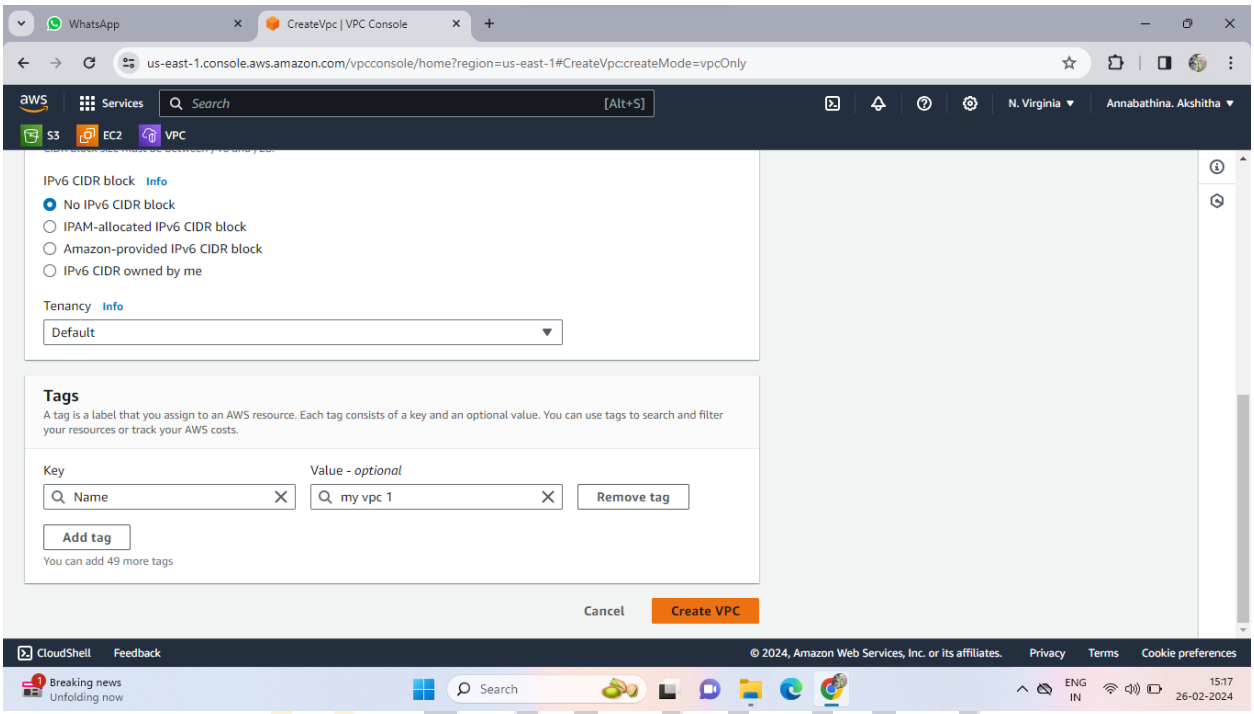


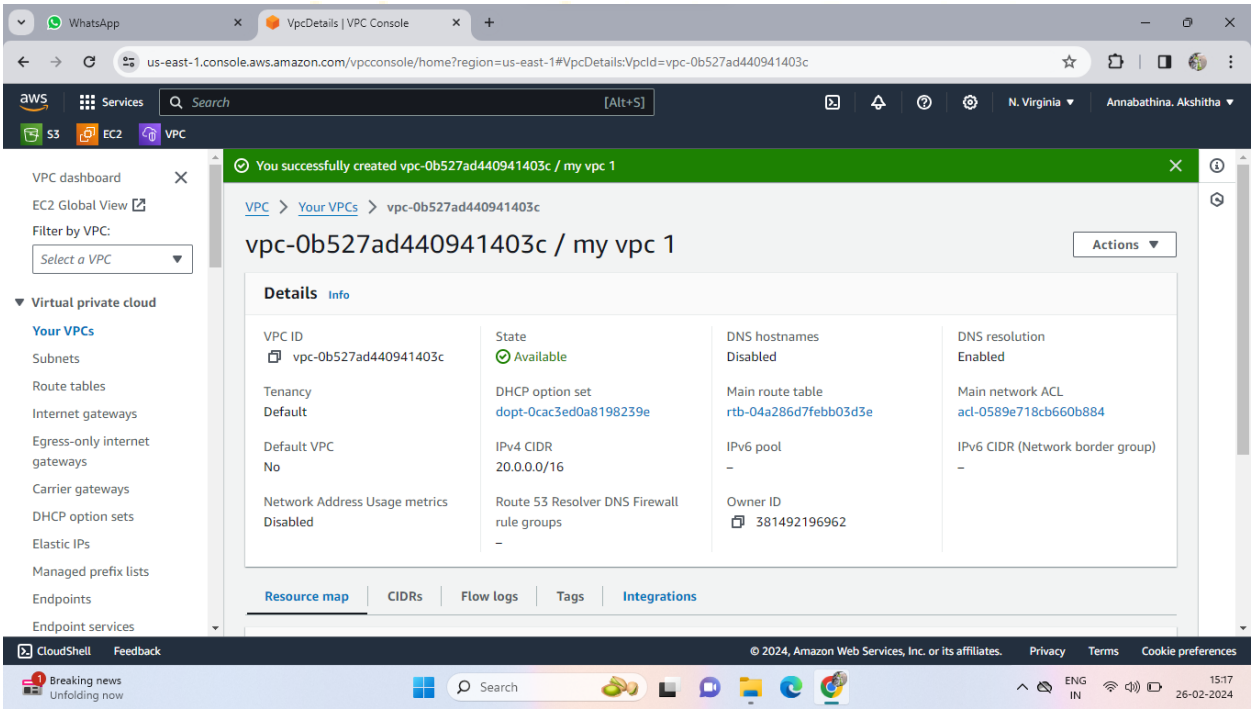
- VPC Home Page and Click on create VPC



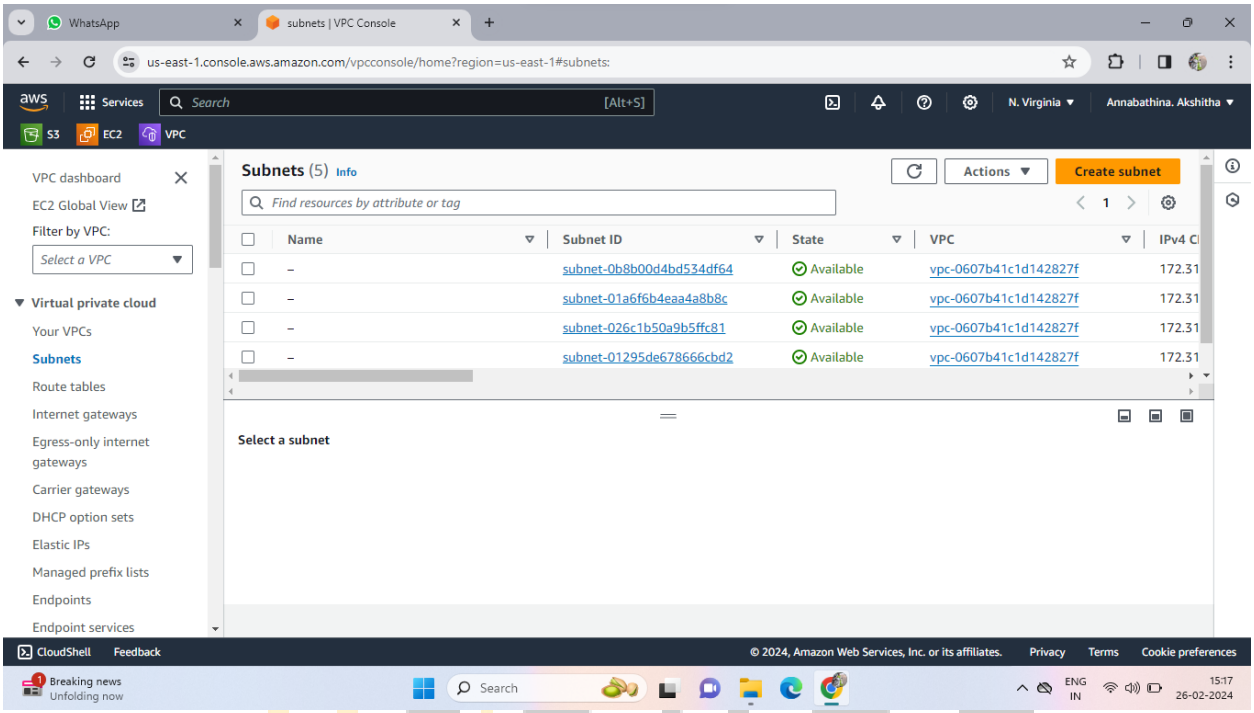
- Enter VPC Name and enter ipv4 CIDR Address then Click on Create VPC



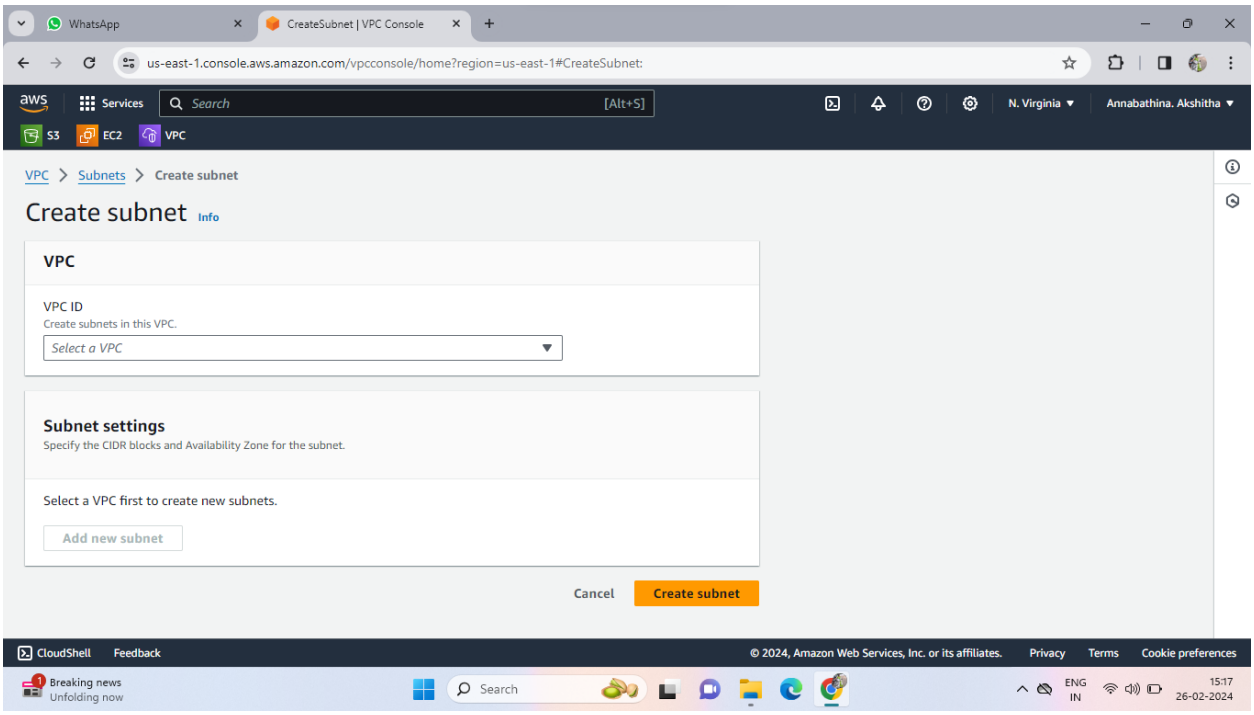

WhatsApp
CreateVpc | VPC Console
us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateVpc:createMode=vpcOnly
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
IPv6 CIDR block Info
No IPv6 CIDR block
IPAM-allocated IPv6 CIDR block
Amazon-provided IPv6 CIDR block
IPv6 CIDR owned by me
Tenancy Info
Default
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
Name
my vpc 1
Remove tag
Add tag
You can add 49 more tags
Cancel
Create VPC
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:17
26-02-2024

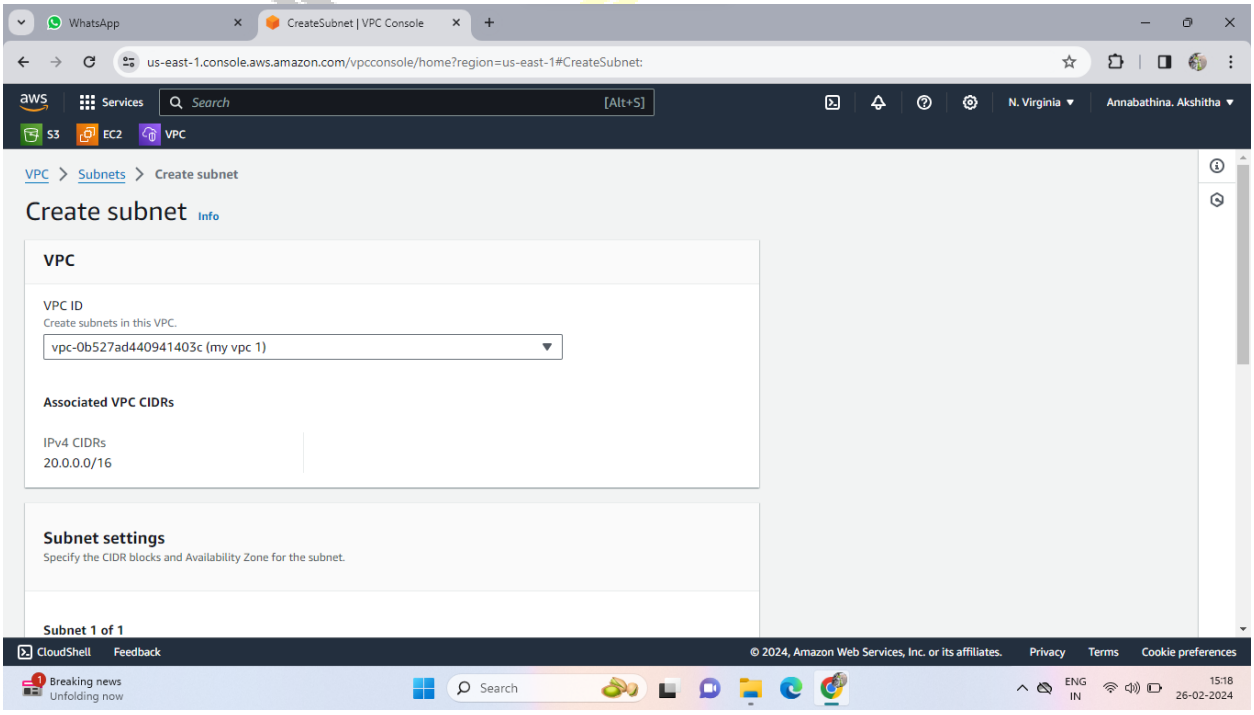

WhatsApp
VpcDetails | VPC Console
us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#VpcDetails:VpcId=vpc-0b527ad440941403c
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
You successfully created vpc-0b527ad440941403c / my vpc 1
VPC > Your VPCs > vpc-0b527ad440941403c
vpc-0b527ad440941403c / my vpc 1
Actions
Details Info
VPC ID
vpc-0b527ad440941403c
State
Available
DNS hostnames
Disabled
DNS resolution
Enabled
Tenancy
Default
DHCP option set
dopt-0cac3ed0a8198239e
Main route table
rtb-04a286d7febb03d3e
Main network ACL
acl-0589e718cb660b884
Default VPC
No
IPv4 CIDR
20.0.0.0/16
IPv6 pool
-
IPv6 CIDR (Network border group)
-
Network Address Usage metrics
Disabled
Route 53 Resolver DNS Firewall rule groups
-
Owner ID
381492196962
Resource map
CIDRs
Flow logs
Tags
Integrations
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:17
26-02-2024

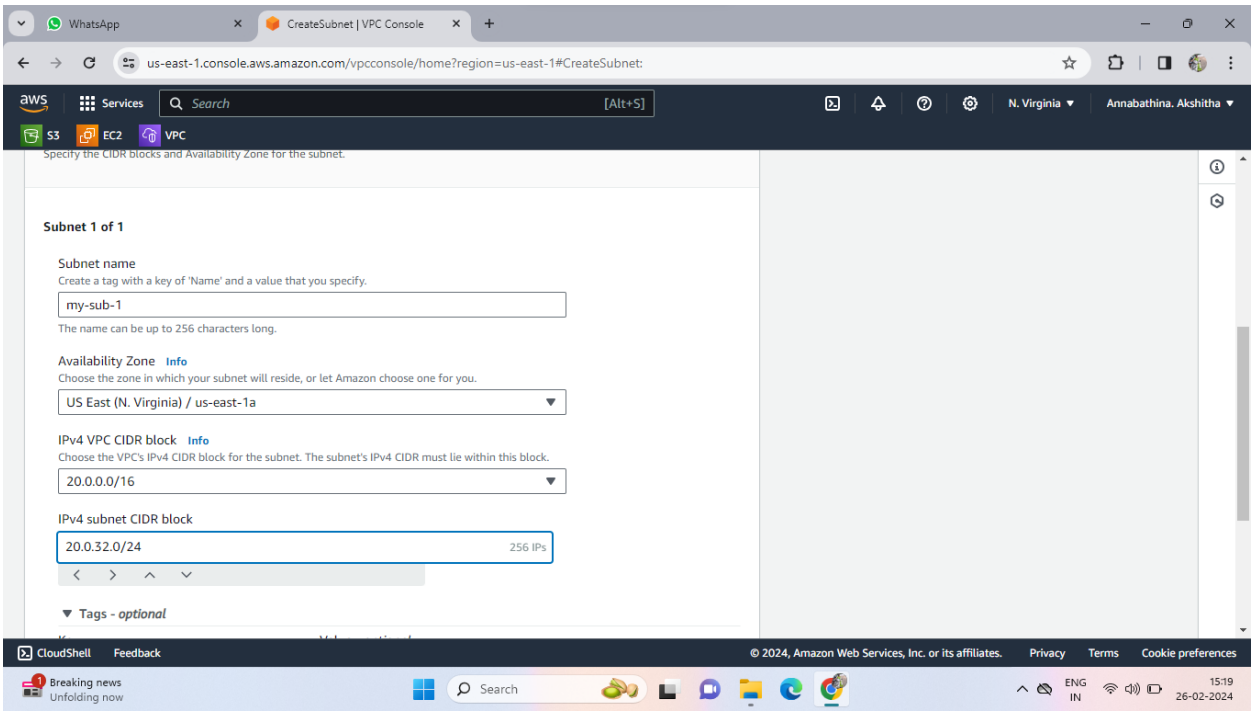
- Go to Subnets and Click on create subnet

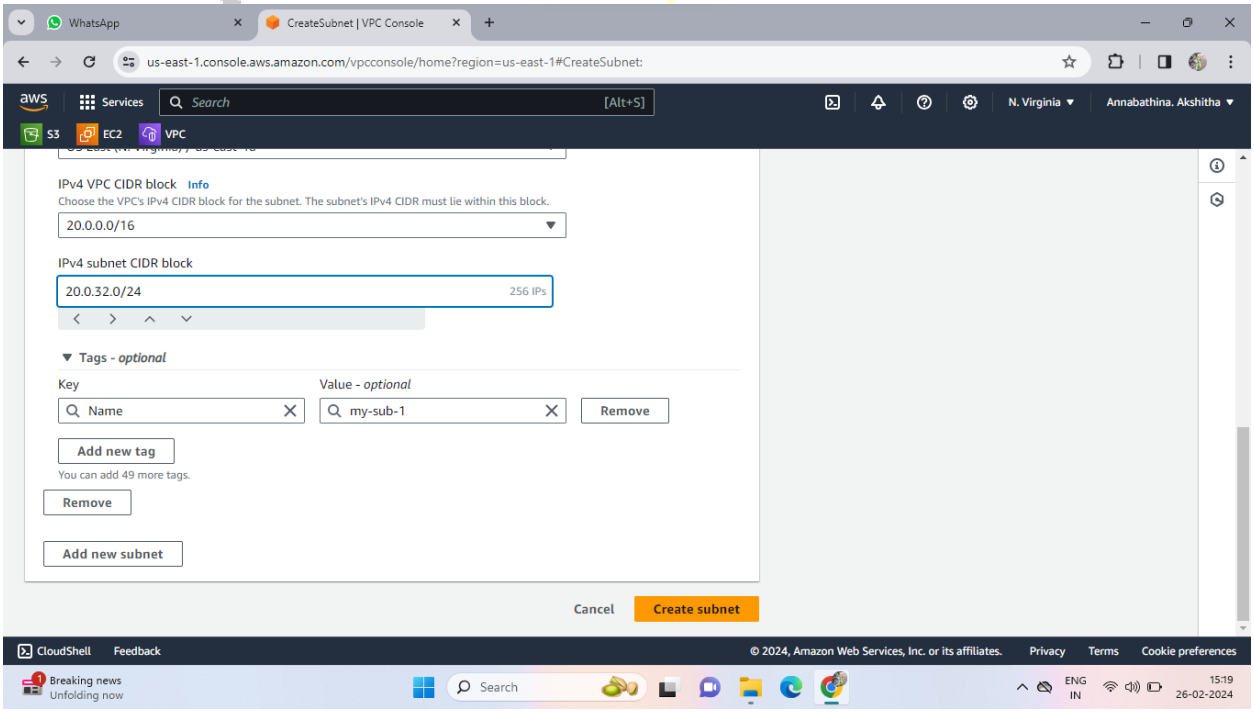


- Now select our Created VPC
- Enter subnet name and enter subnet ipv4 CIDR block then Click on Create Subnet


WhatsApp
CreateSubnet | VPC Console
us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateSubnet:
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
VPC > Subnets > Create subnet
Create subnet Info
VPC
VPC ID
Create subnets in this VPC.
Select a VPC
Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.
Select a VPC first to create new subnets.
Add new subnet
Cancel
Create subnet
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:17
26-02-2024

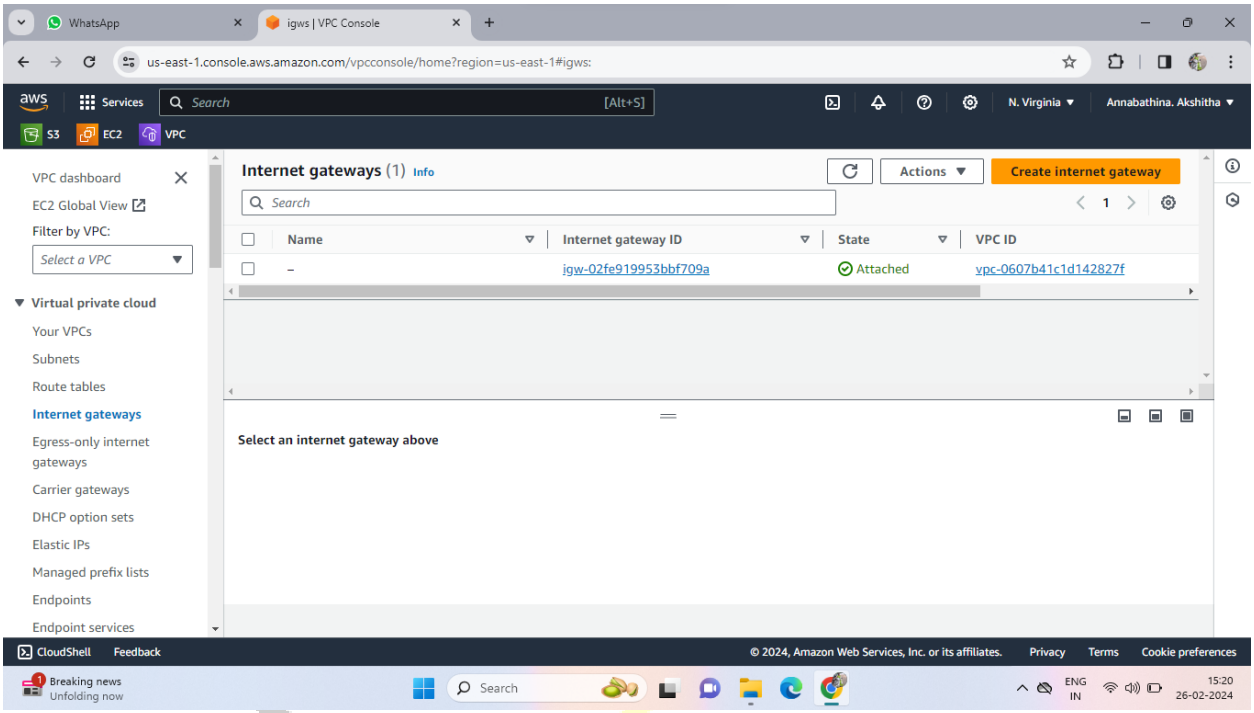

WhatsApp
CreateSubnet | VPC Console
us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateSubnet:
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
VPC > Subnets > Create subnet
Create subnet Info
VPC
VPC ID
Create subnets in this VPC.
vpc-0b527ad440941403c (my vpc 1)
Associated VPC CIDRs
IPv4 CIDRs
20.0.0.0/16
Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.
Subnet 1 of 1
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:18
26-02-2024

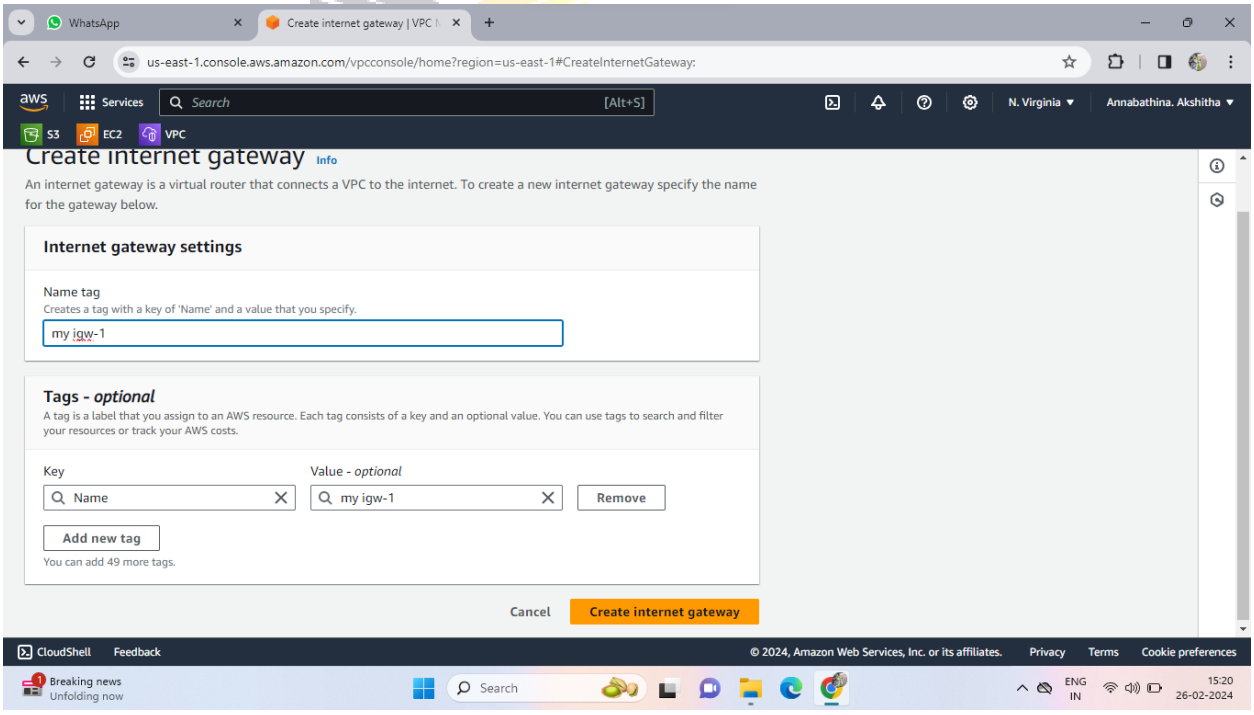




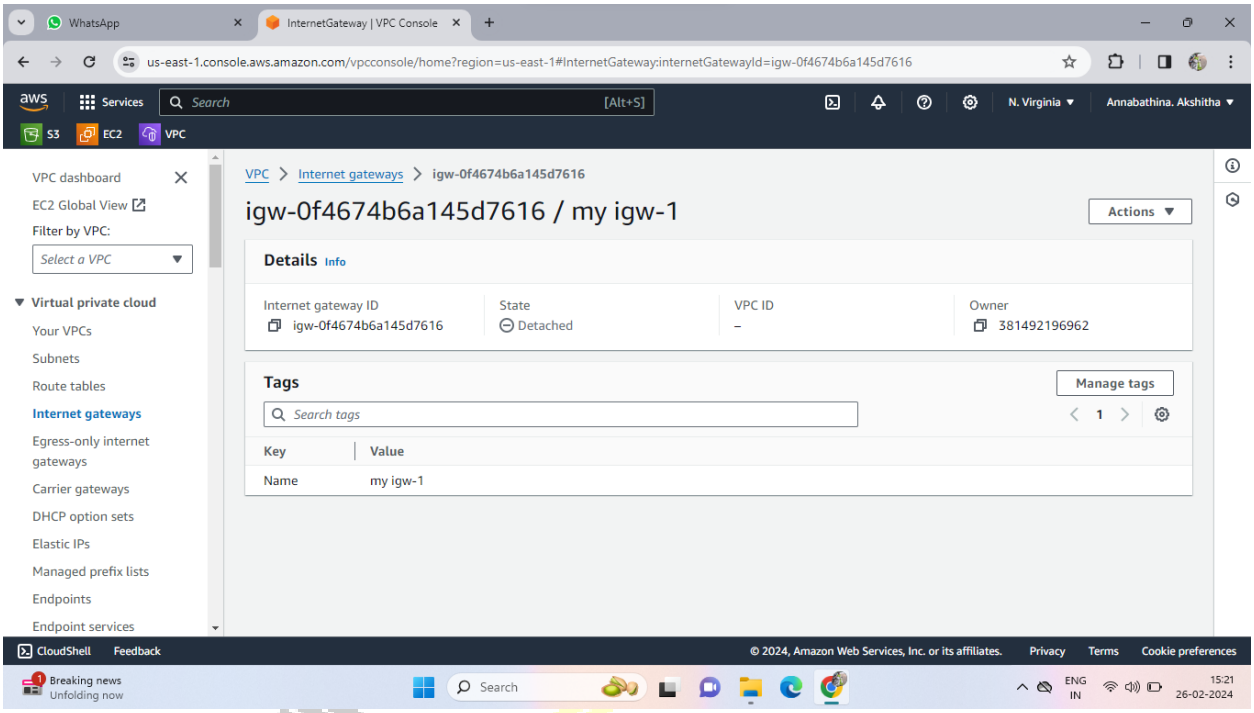
- After creating subnets then go to internet gateways
- Click on Create internet gateway

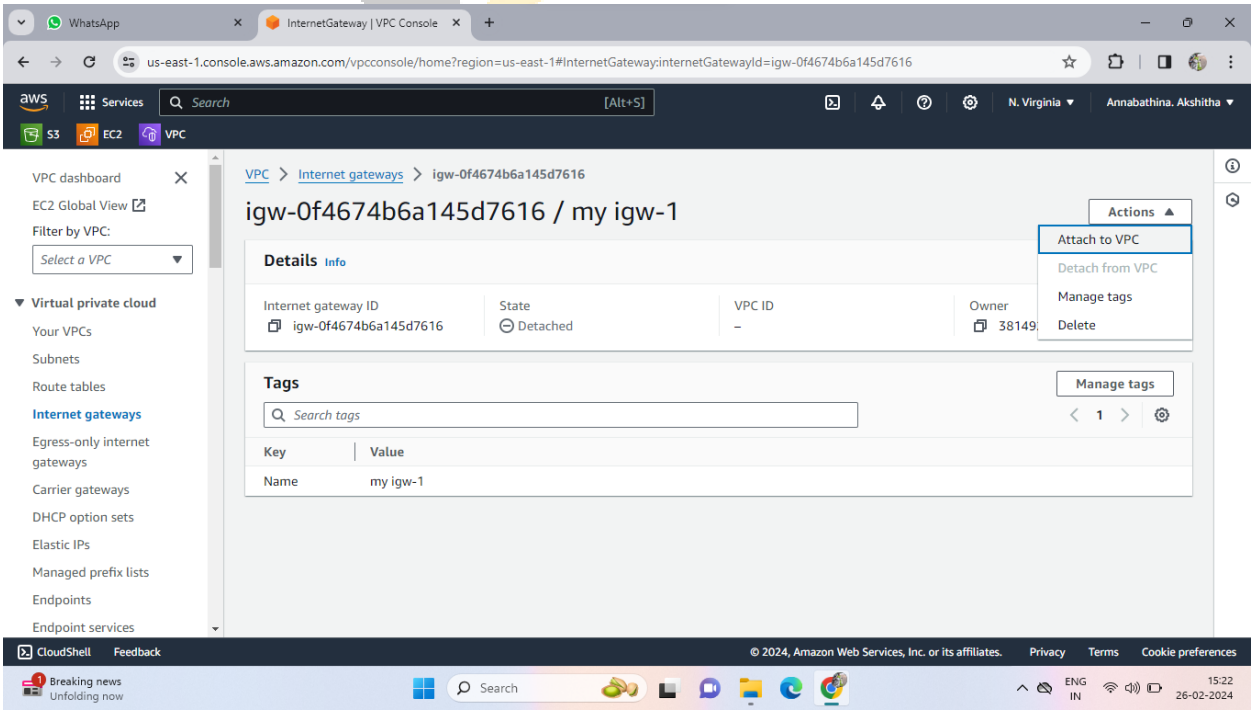
- Enter internet gateway name then click on create internet gateway

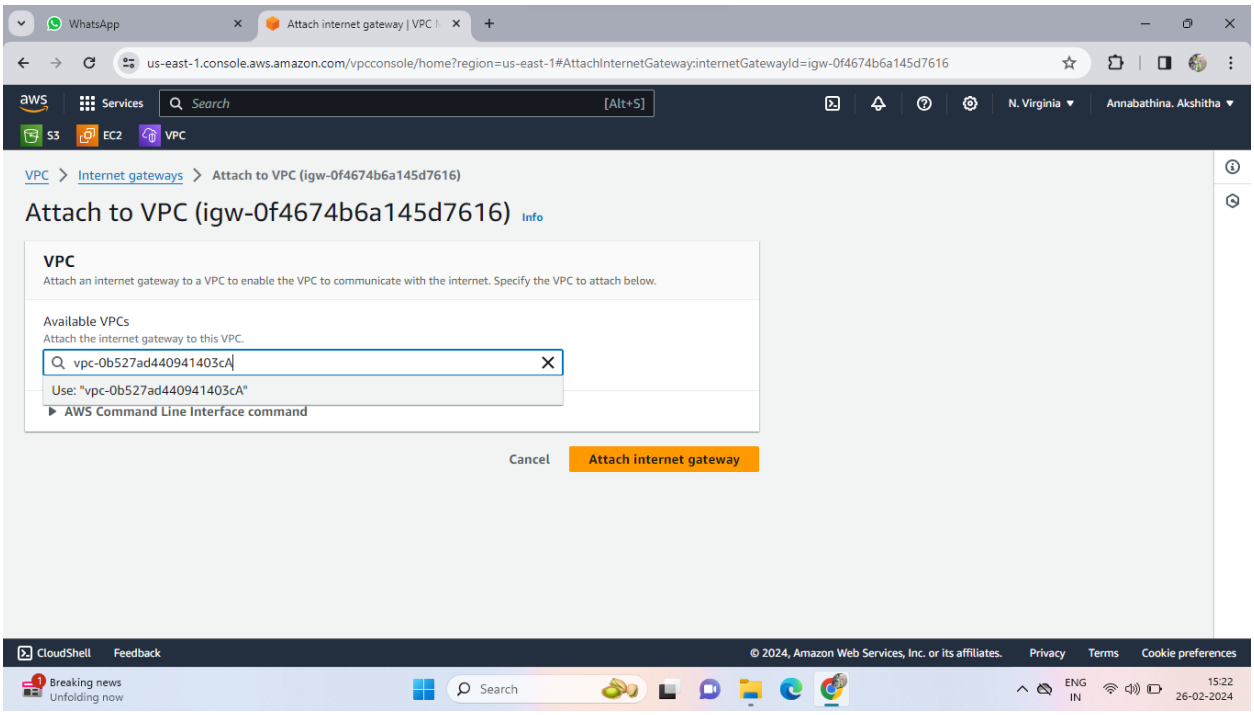




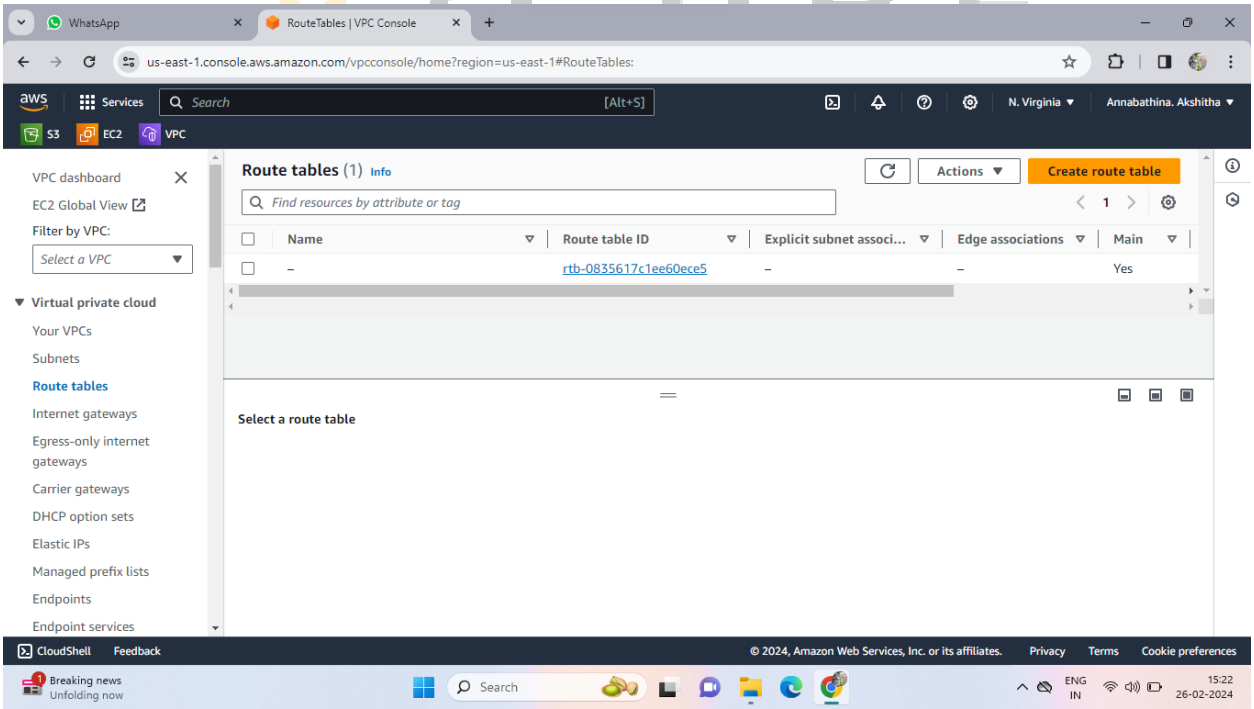
- After Creating internet gateway go to actions and click on attach to VPC then select VPC and click on Attach internet gateway

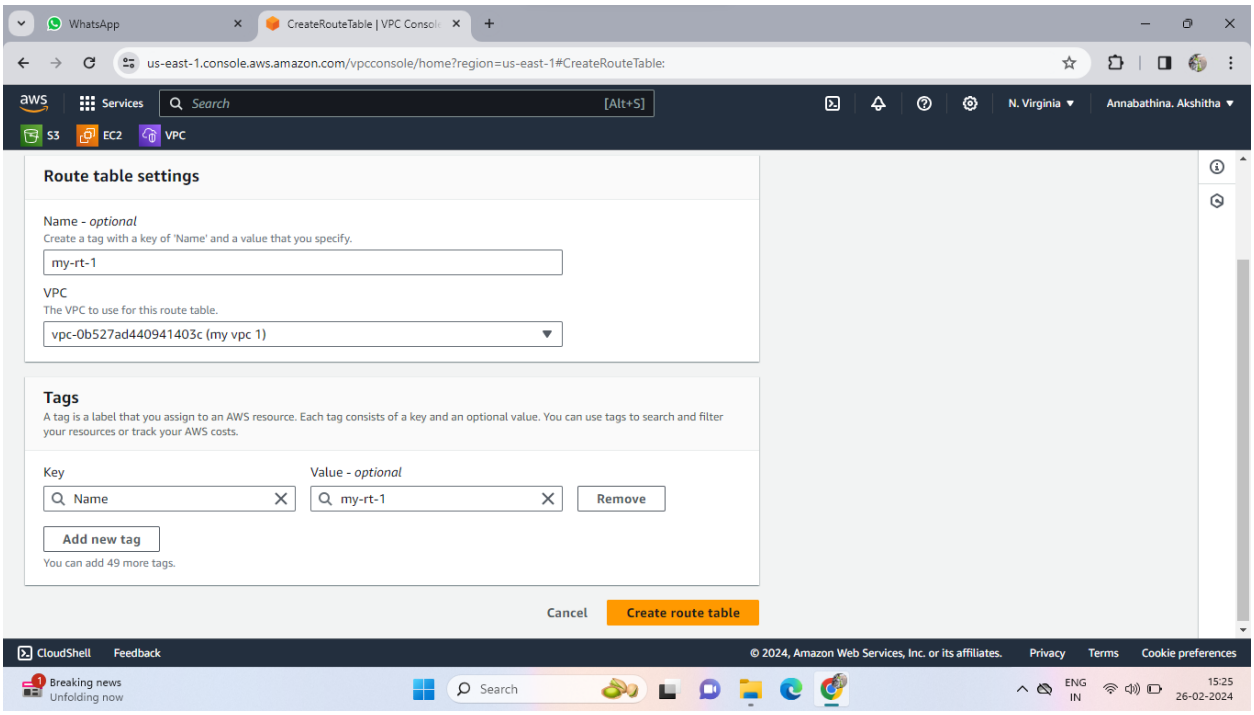


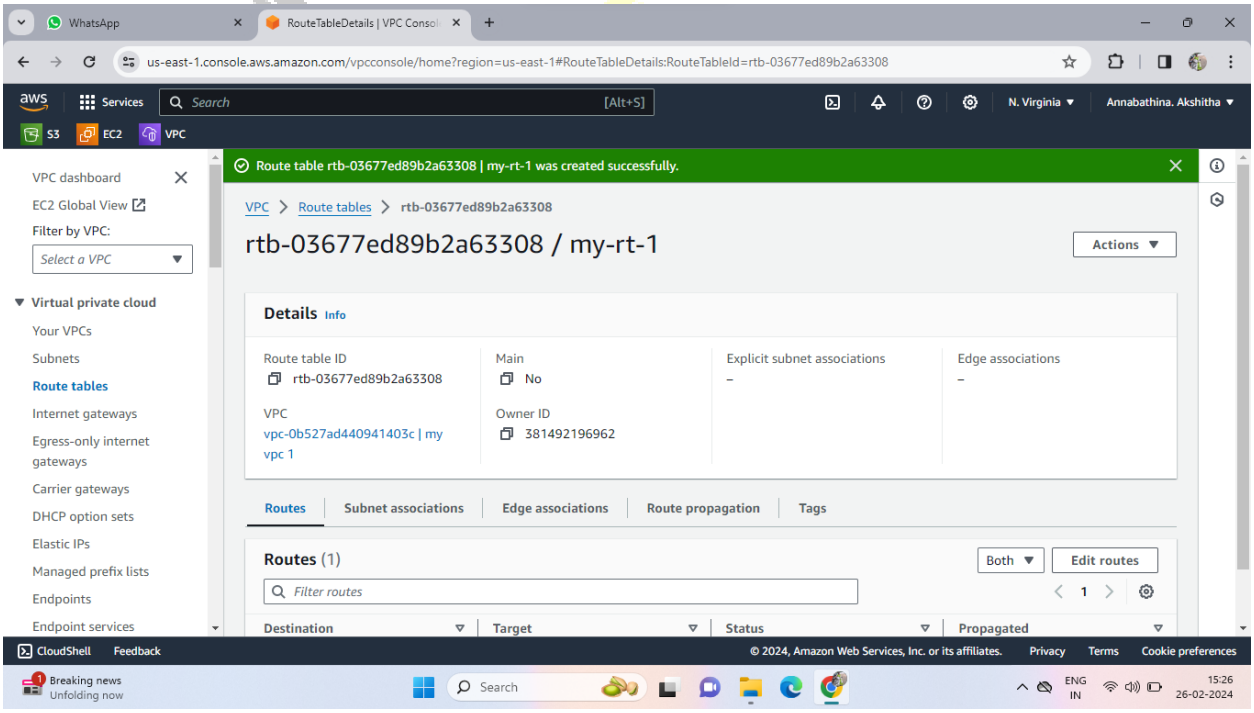




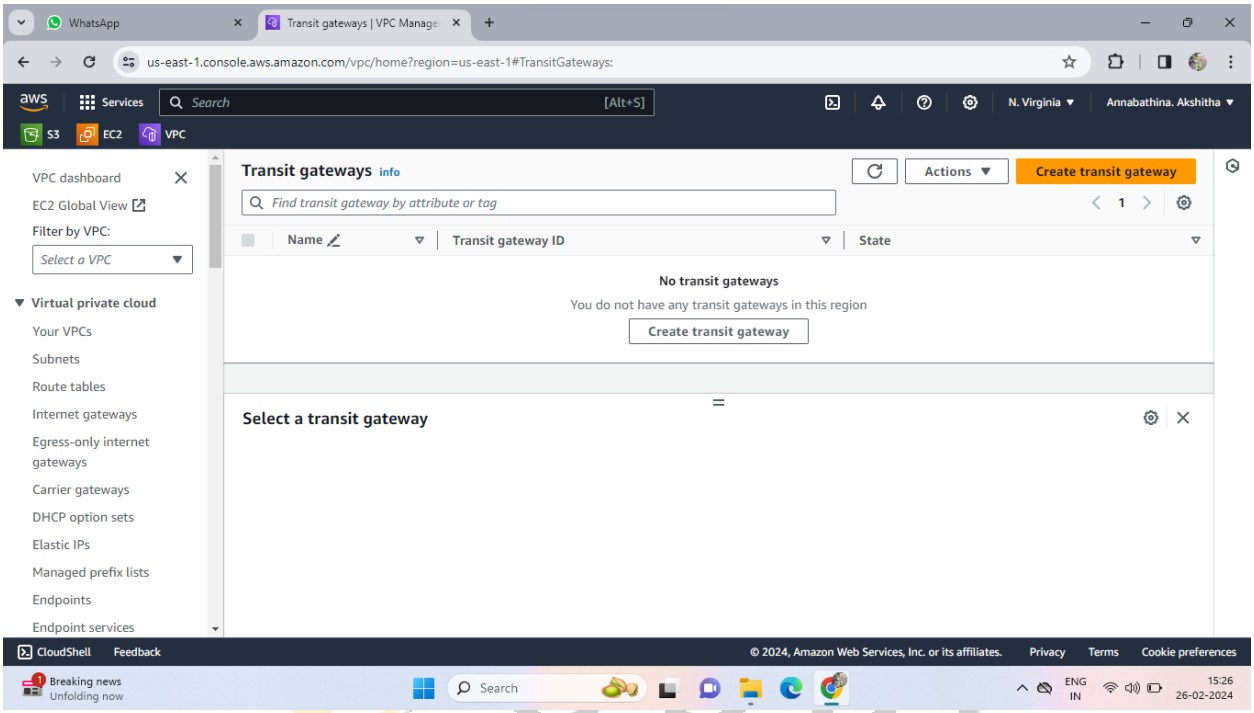
- After Attaching internet gateway then go to route tables
- Click on route table and enter route table name and select VPC then click on create route table

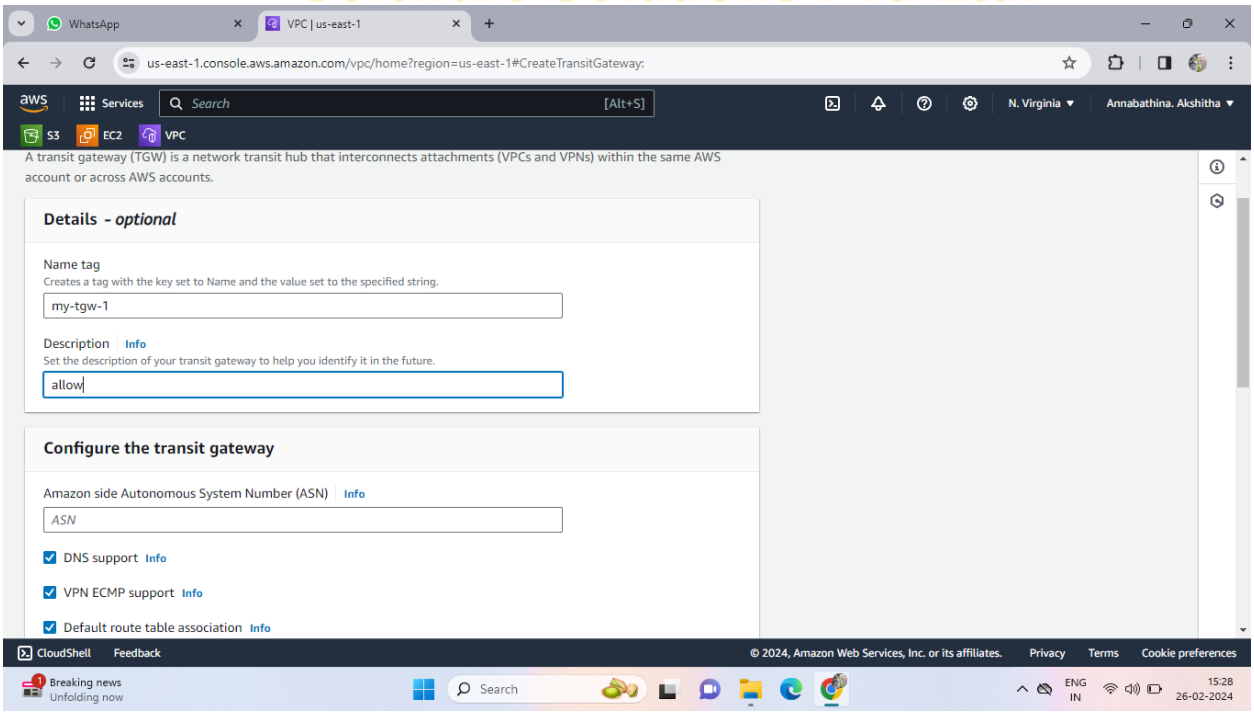


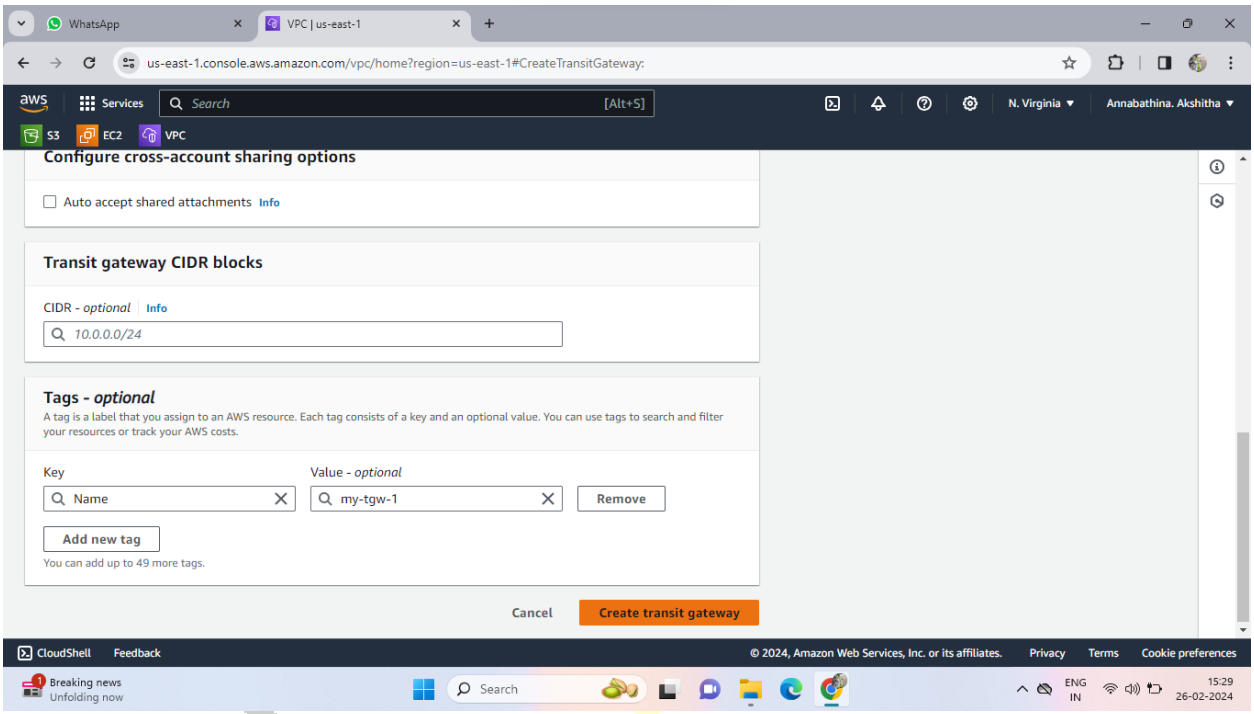

CreateRouteTable | VPC Console
us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateRouteTable:
Route table settings
Name - optional
Create a tag with a key of 'Name' and a value that you specify.
my-rt-1
VPC
The VPC to use for this route table.
vpc-0b527ad440941403c (my vpc 1)
Tags
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
Value - optional
Name
my-rt-1
Remove
Add new tag
You can add 49 more tags.
Cancel
Create route table
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences


RouteTableDetails | VPC Console
us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTableDetails:RouteTableId=rtb-03677ed89b2a63308
Route table rtb-03677ed89b2a63308 | my-rt-1 was created successfully.
VPC dashboard
EC2 Global View
Filter by VPC:
Select a 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
Endpoints
Endpoint services
VPC > Route tables > rtb-03677ed89b2a63308
rtb-03677ed89b2a63308 / my-rt-1
Actions
Details Info
Route table ID
rtb-03677ed89b2a63308
Main
No
Explicit subnet associations
–
Edge associations
–
VPC
vpc-0b527ad440941403c | my vpc 1
Owner ID
381492196962
Routes
Subnet associations
Edge associations
Route propagation
Tags
Routes (1)
Both
Edit routes
Filter routes
Destination
Target
Status
Propagated
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences

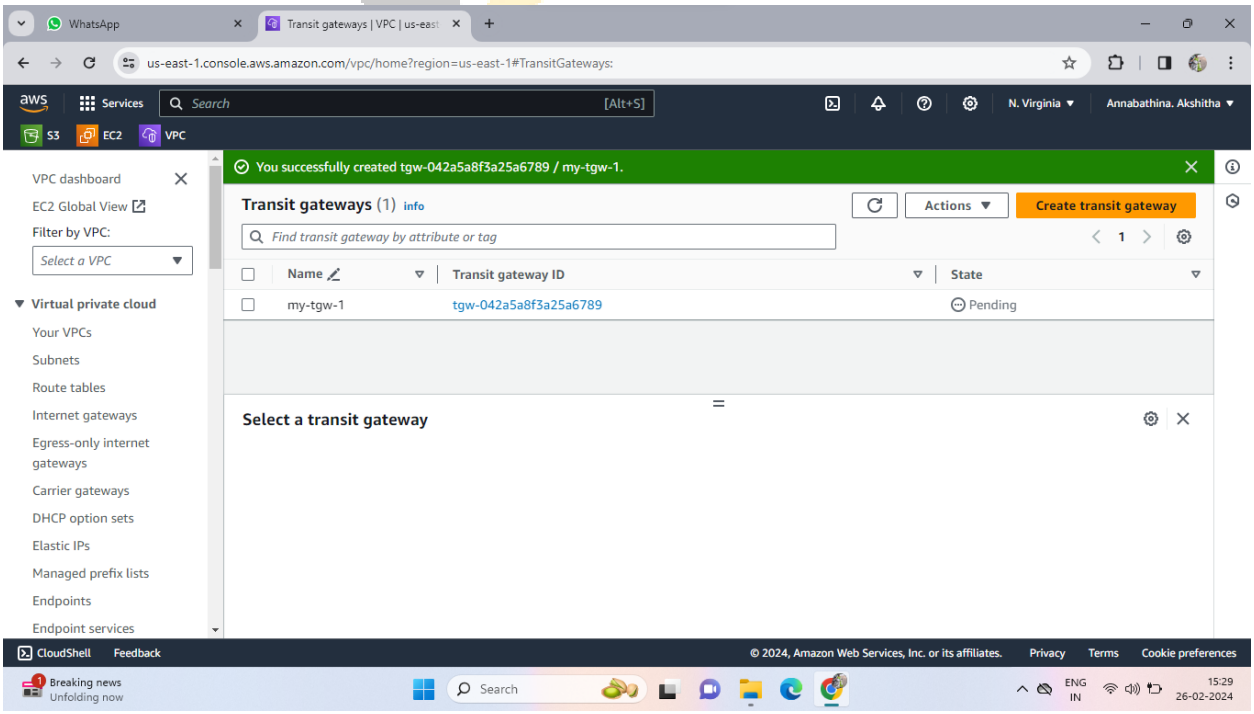
- After creating route table go to transit gateway
- Click on create transit gateway then enter the transit gateway name then click on create transit gateway



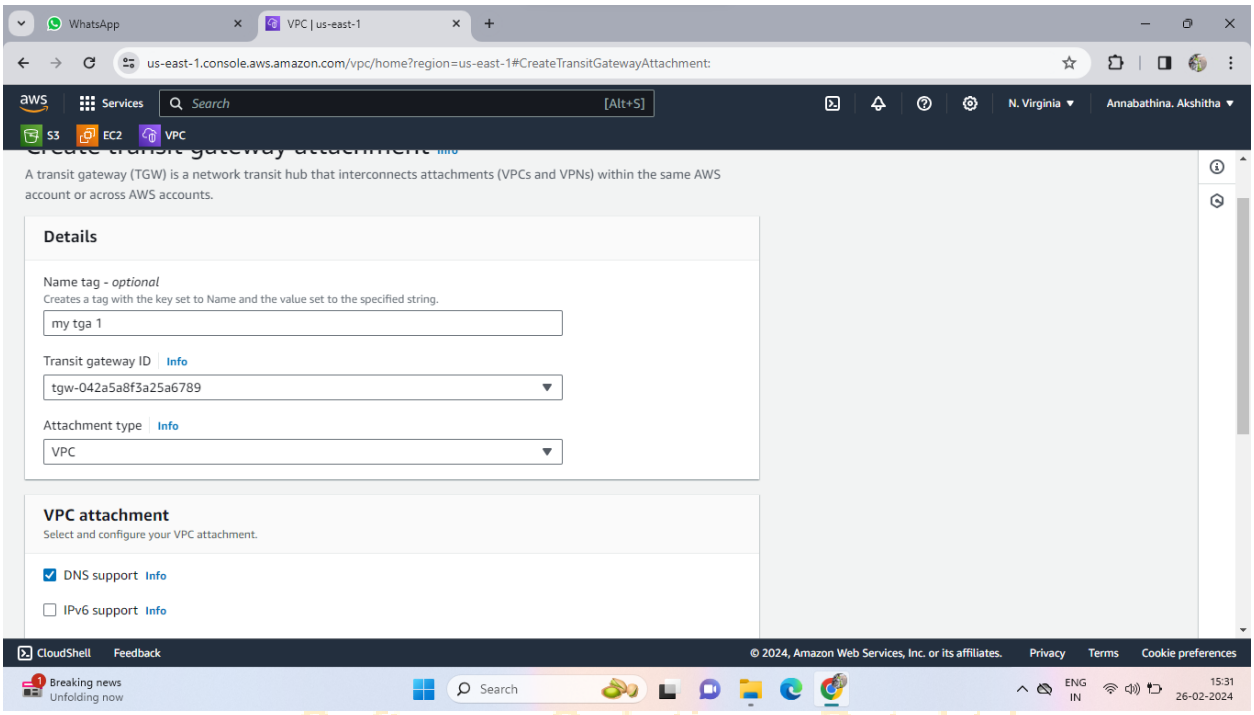


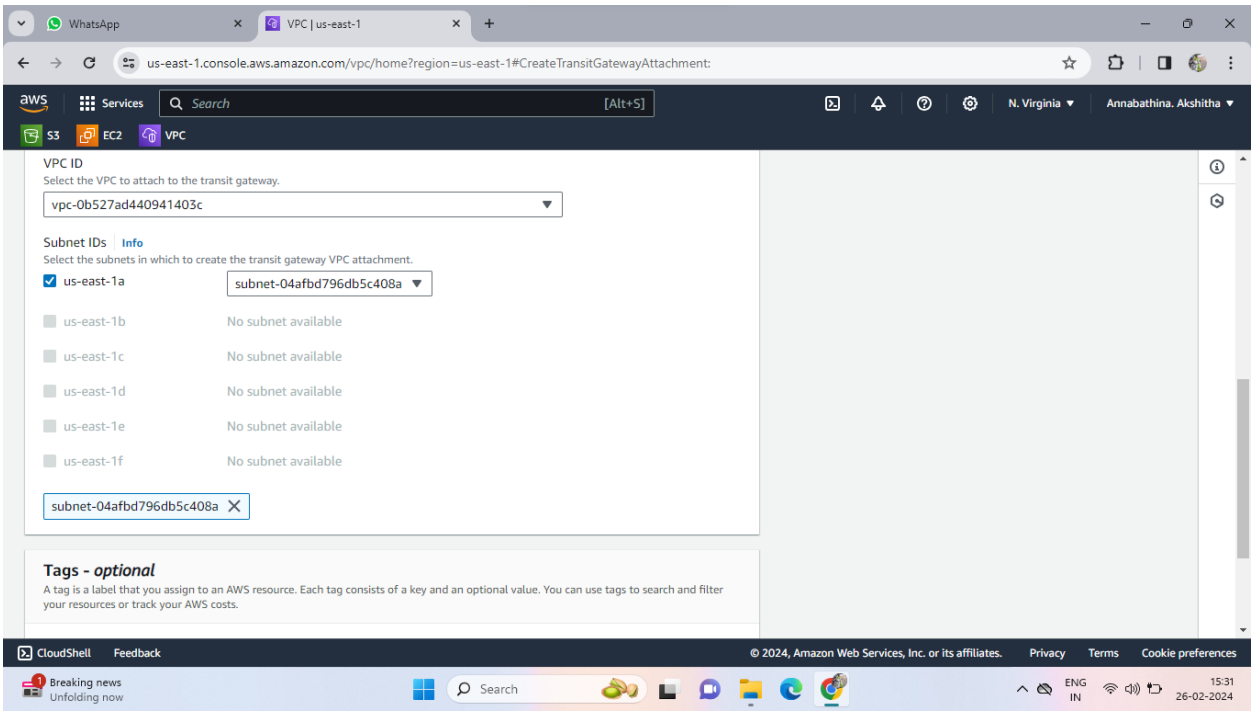


- After Creating transit gateway status is shown pending wait for few min. status is changed available

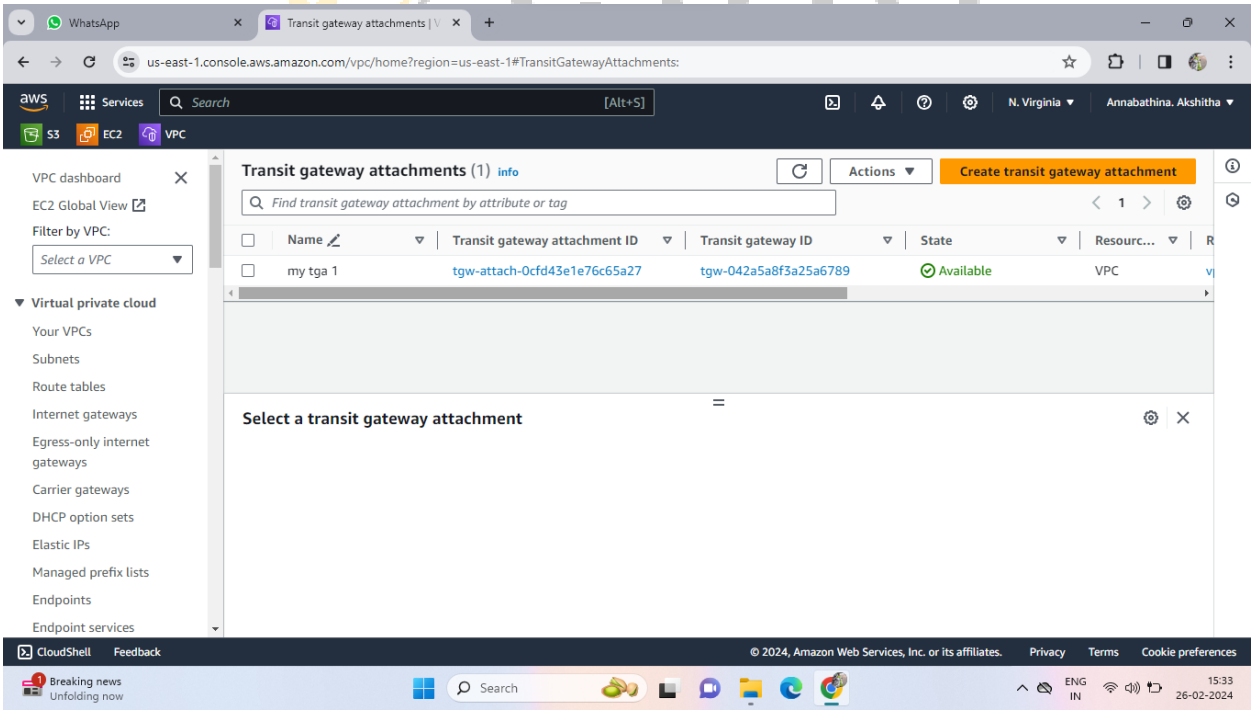


- After that go to transit gateway attachment
- Click on transit gateway attachment
- Enter the name and select transit gateway id
- Select VPC id and click on create transit gateway attachment



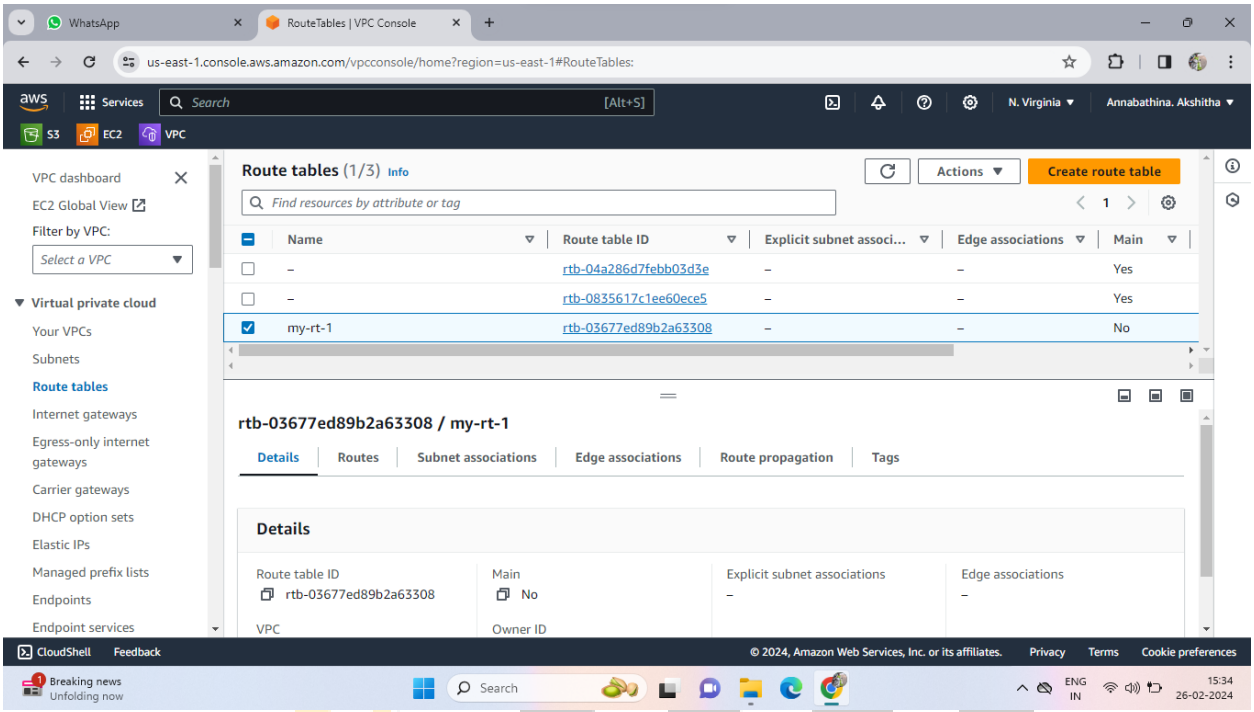


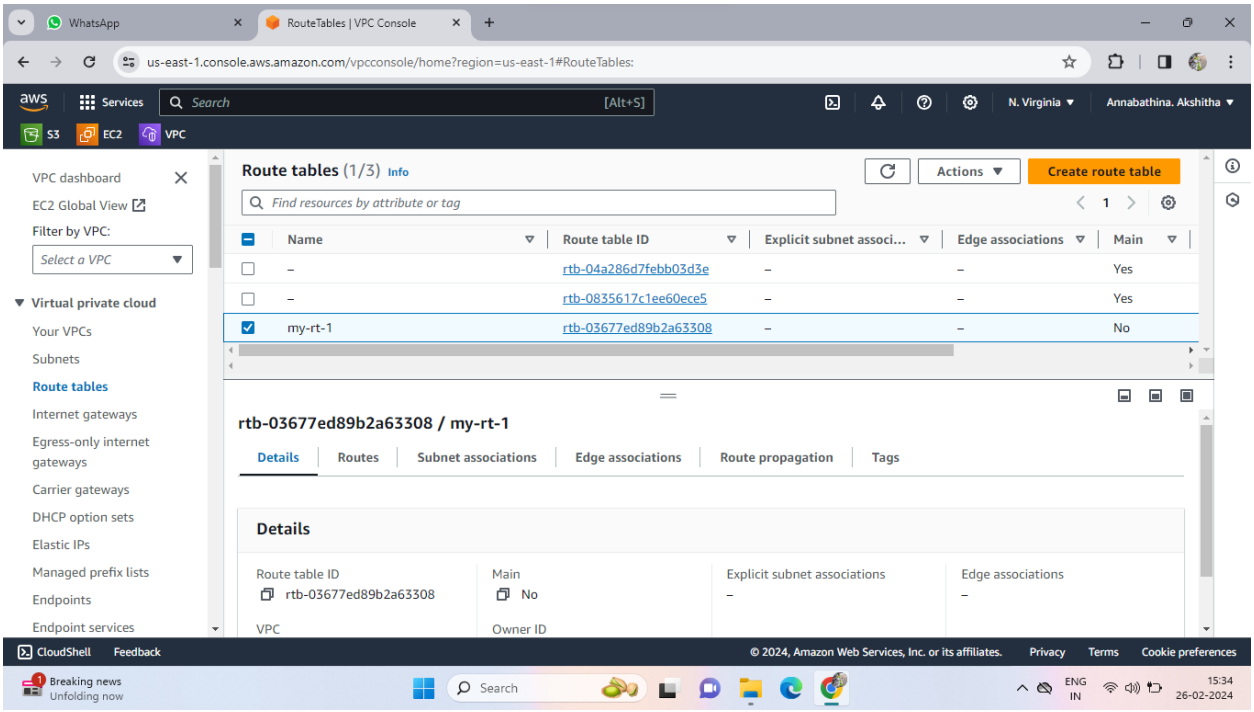
- After Creating transit gateway attachment status is shown pending wait for few min. status will be changed as available

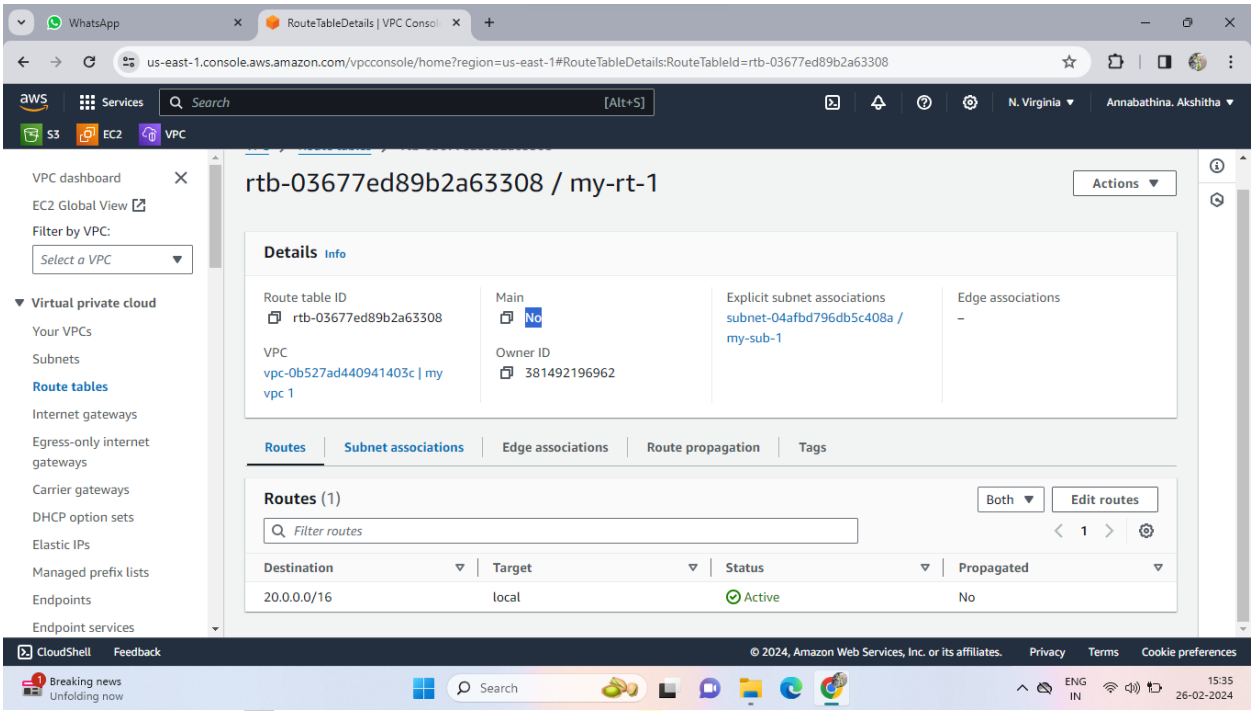


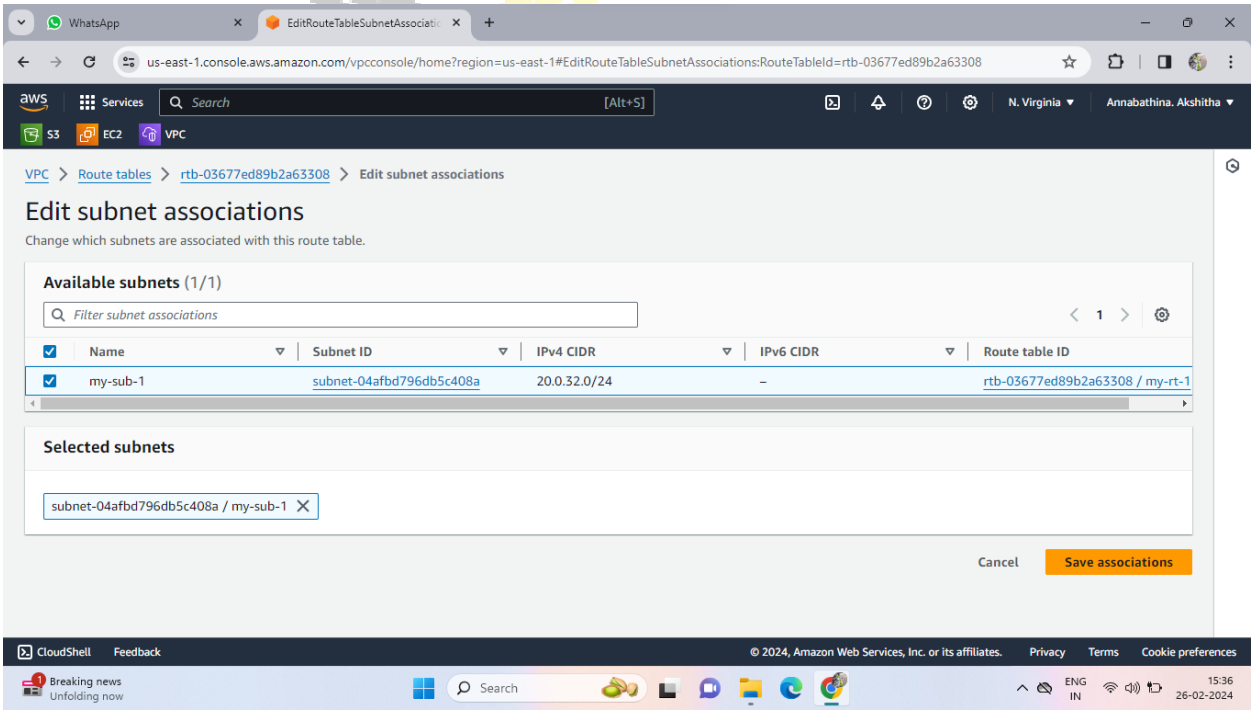
- After creating transit gateway attachment go to route tables

- Click on route table id go to subnet association and edit subnet association and select created subnet and then click on save changes

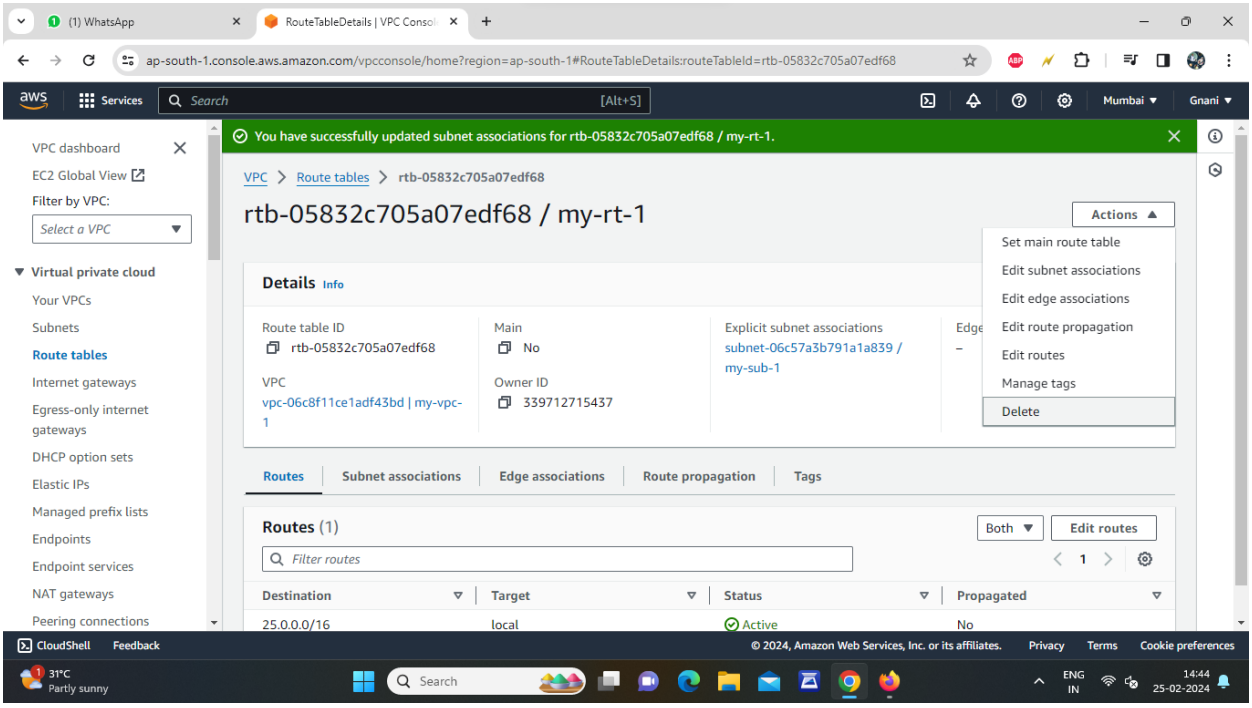


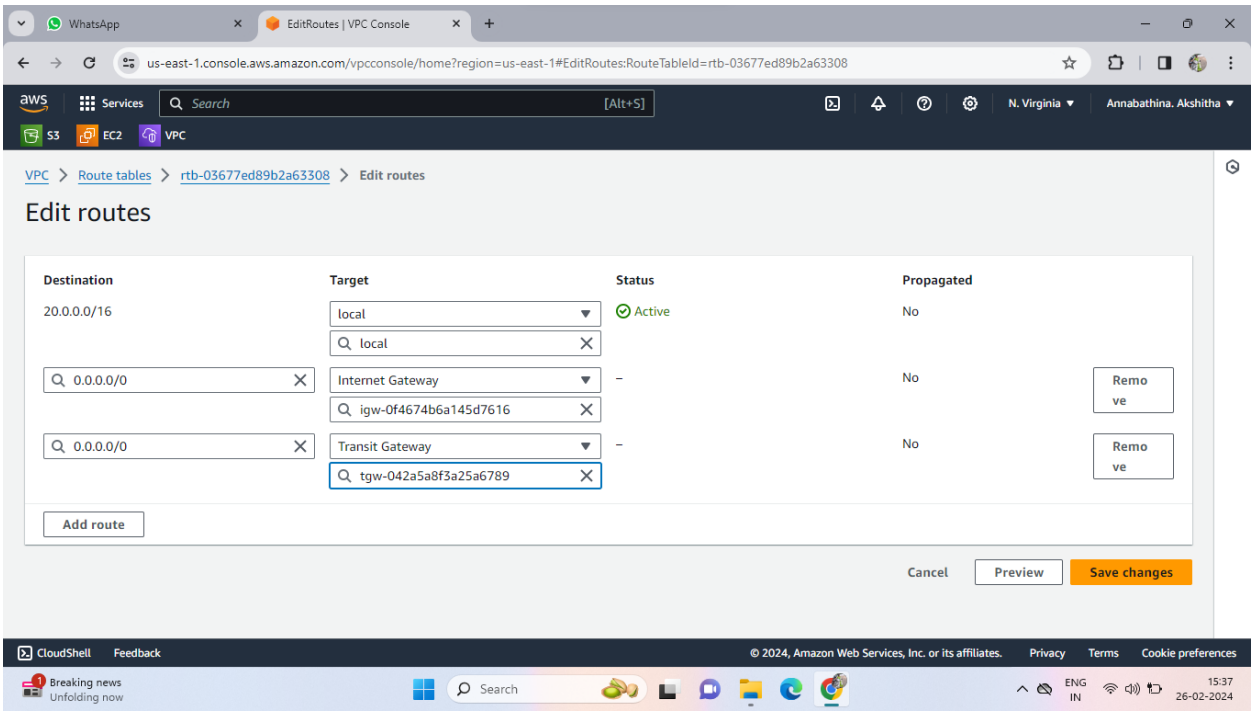


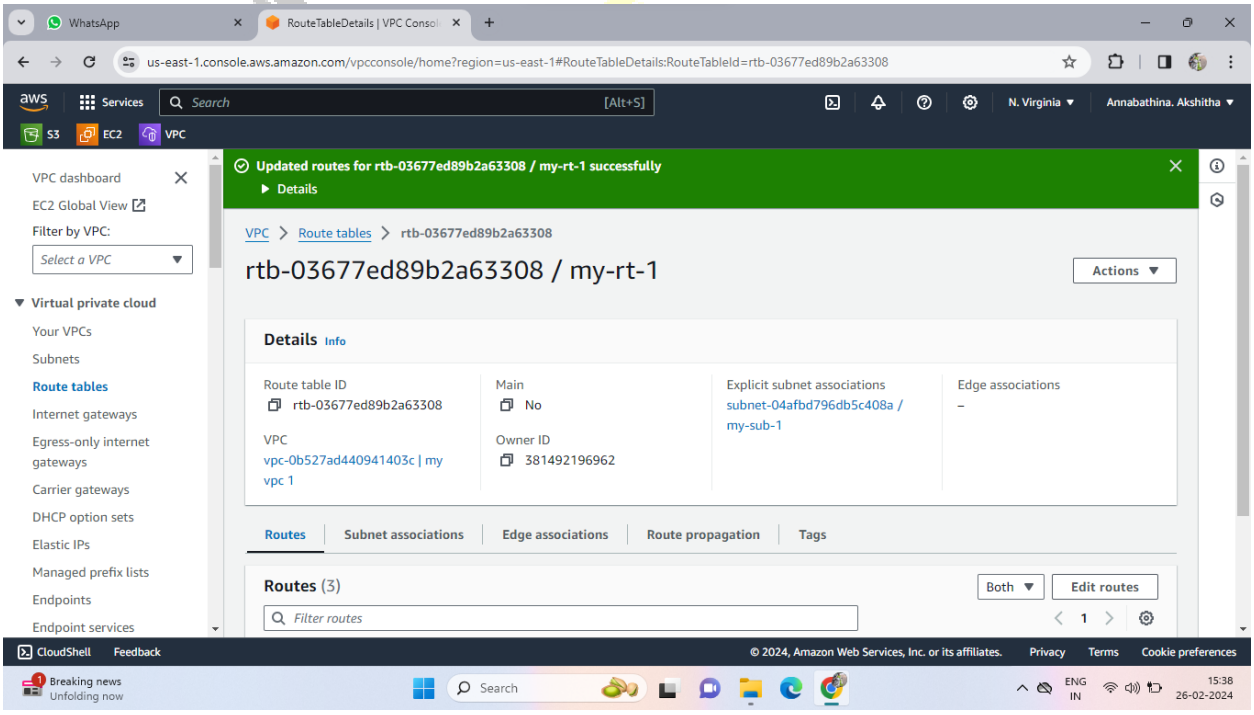

WhatsApp
RouteTableDetails | VPC Consol
us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTableDetails:RouteTableId=rtb-03677ed89b2a63308
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
rtb-03677ed89b2a63308 / my-rt-1
Actions
Details Info
Route table ID
rtb-03677ed89b2a63308
Main
No
Explicit subnet associations
subnet-04afbd796db5c408a / my-sub-1
Edge associations
–
VPC
vpc-0b527ad440941403c | my vpc 1
Owner ID
381492196962
Routes
Subnet associations
Edge associations
Route propagation
Tags
Routes (1)
Both
Edit routes
Filter routes
Destination
Target
Status
Propagated
20.0.0.0/16
local
Active
No
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:35
26-02-2024


WhatsApp
EditRouteTableSubnetAssociati
us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-03677ed89b2a63308
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
VPC > Route tables > rtb-03677ed89b2a63308 > 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
my-sub-1
subnet-04afbd796db5c408a
20.0.32.0/24
–
rtb-03677ed89b2a63308 / my-rt-1
Selected subnets
subnet-04afbd796db5c408a / my-sub-1
Cancel
Save associations
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:36
26-02-2024

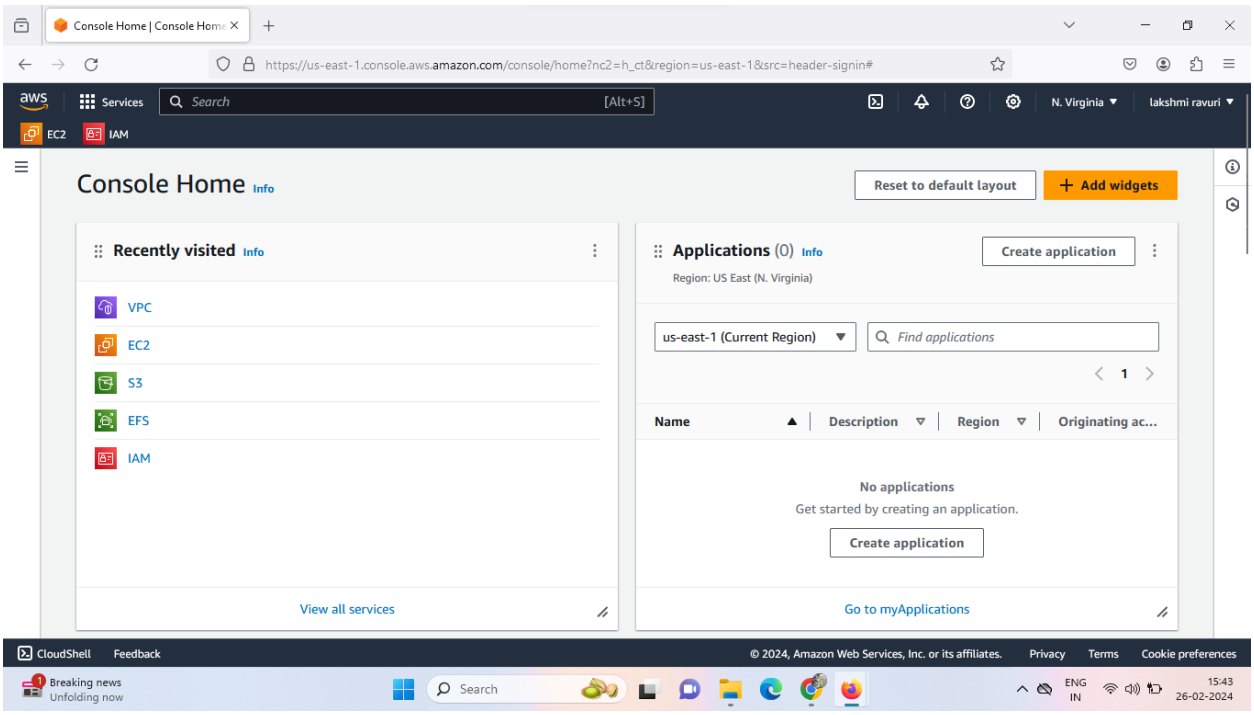
- After saving association then go to actions then click on edit routes
- Click on add route select 0.0.0.0/0 target is select internet gateway then select transit gateway id
- Again add route then enter ipv4 CIDR of another account VPC then select target is transit gateway and id.

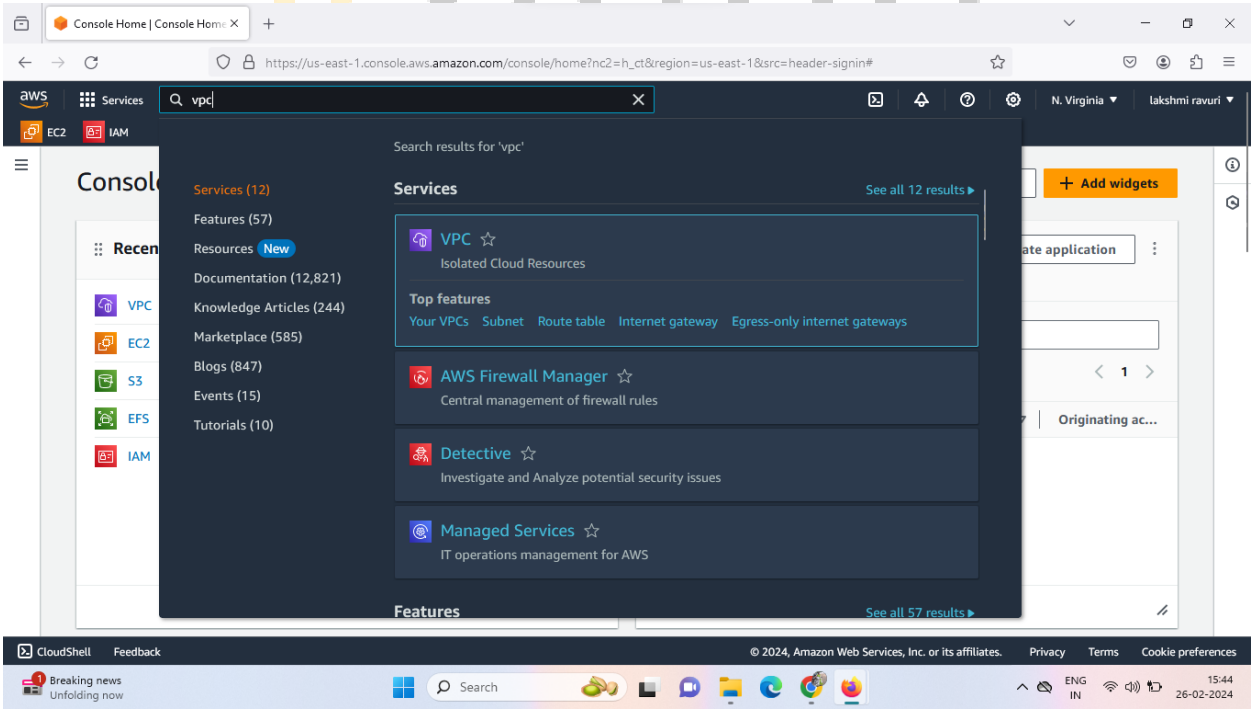


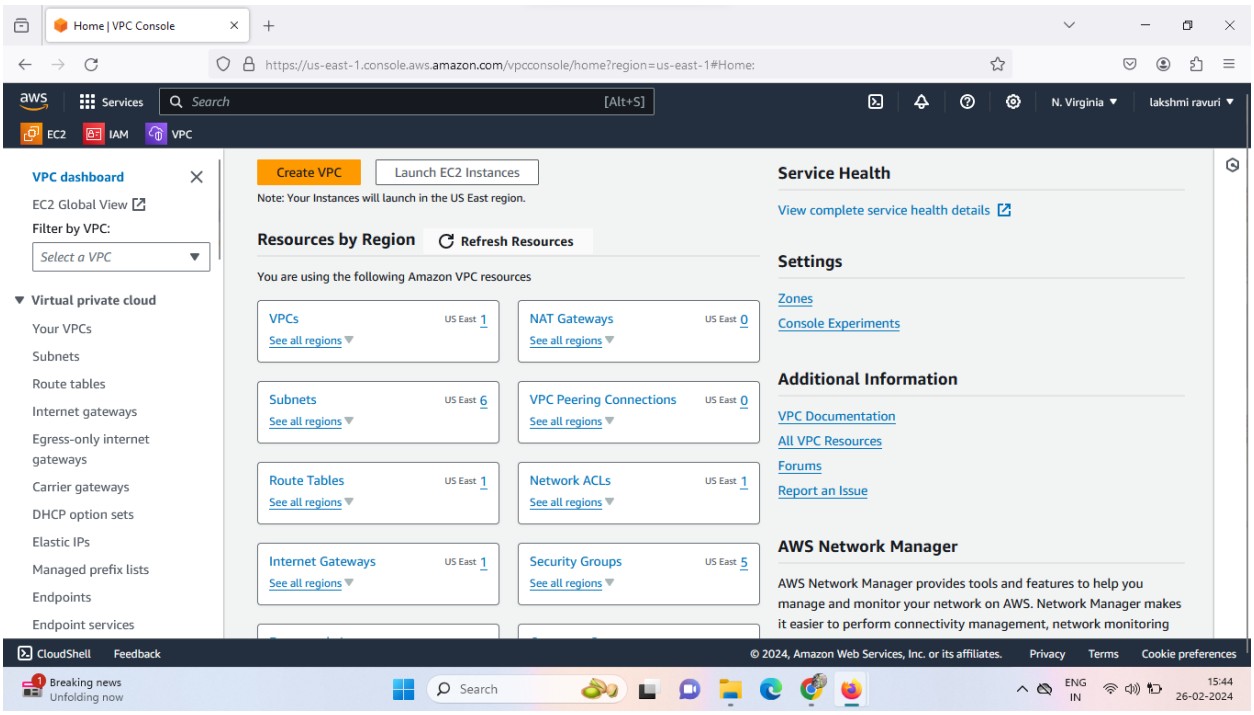


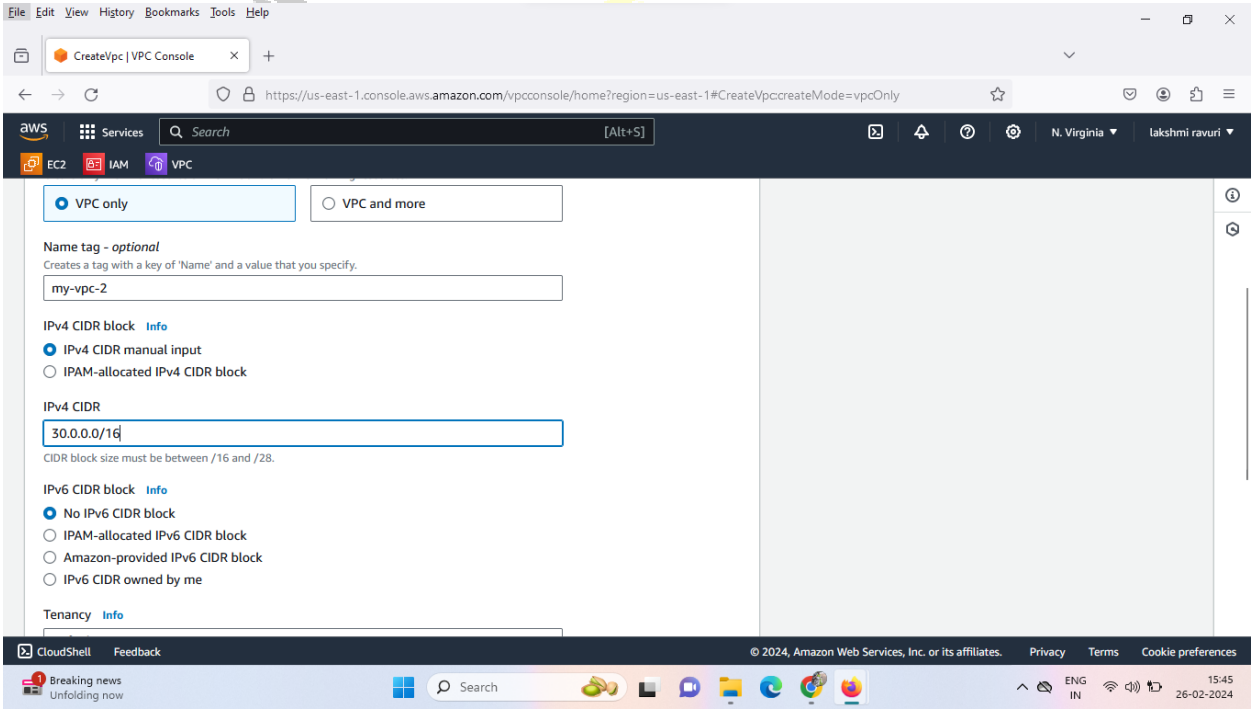


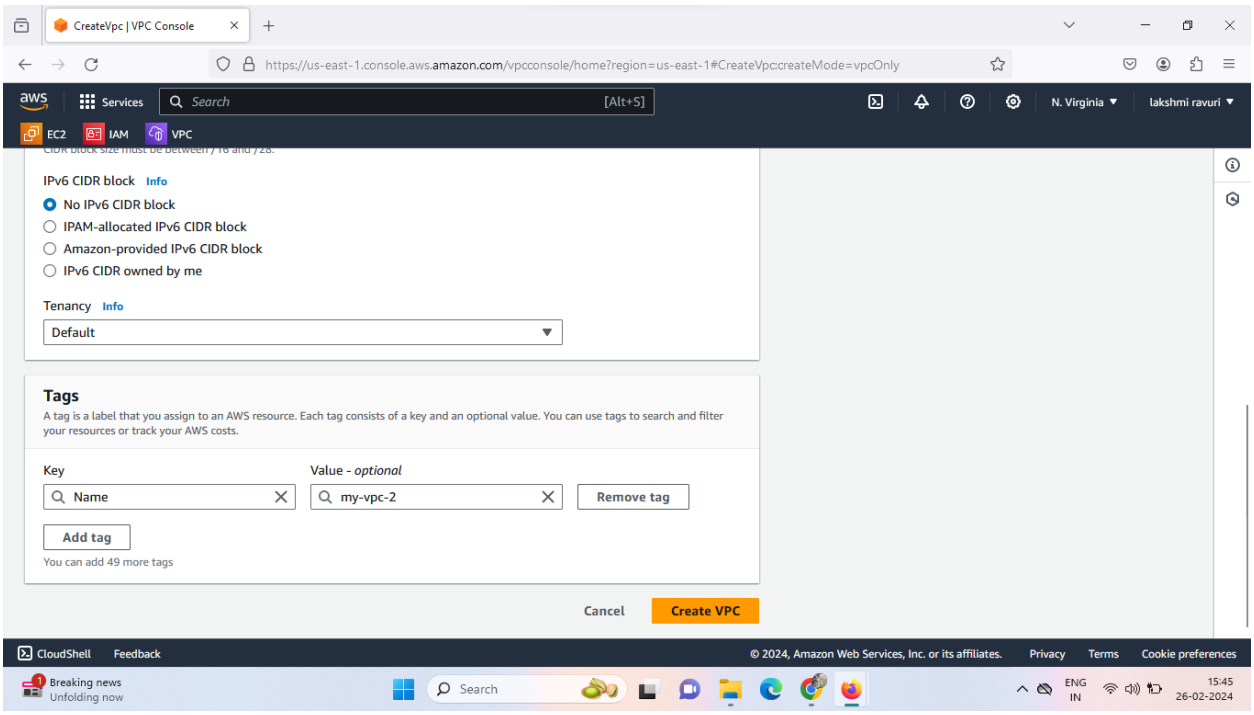
- Go to Another Account and same create VPC , Subnet , internet gateway , transit gateway & transit gateway attachment.

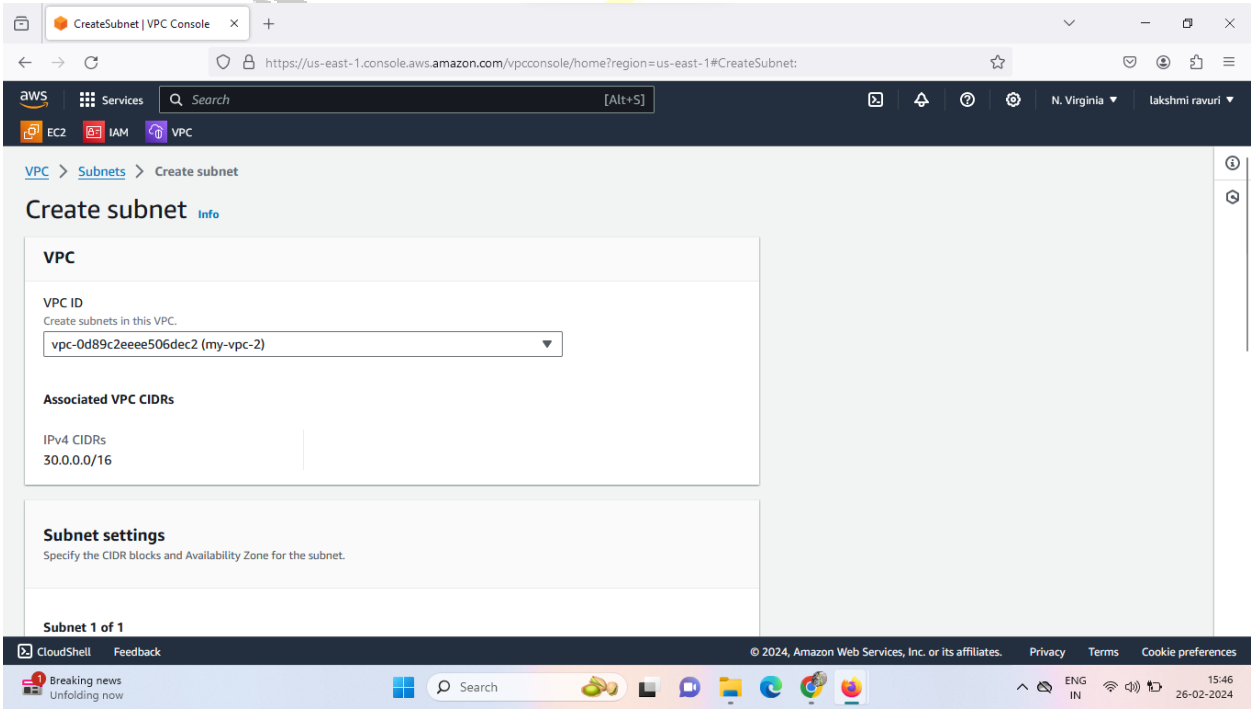

Console Home | Console Home
https://us-east-1.console.aws.amazon.com/console/home?nc2=h_ct&region=us-east-1&src=header-signin#
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
Console Home Info
Reset to default layout
+ Add widgets
Recently visited Info
VPC
EC2
S3
EFS
IAM
View all services
Applications (0) Info
Region: US East (N. Virginia)
Create application
us-east-1 (Current Region)
Find applications
Name
Description
Region
Originating ac...
No applications
Get started by creating an application.
Create application
Go to myApplications
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:43
26-02-2024

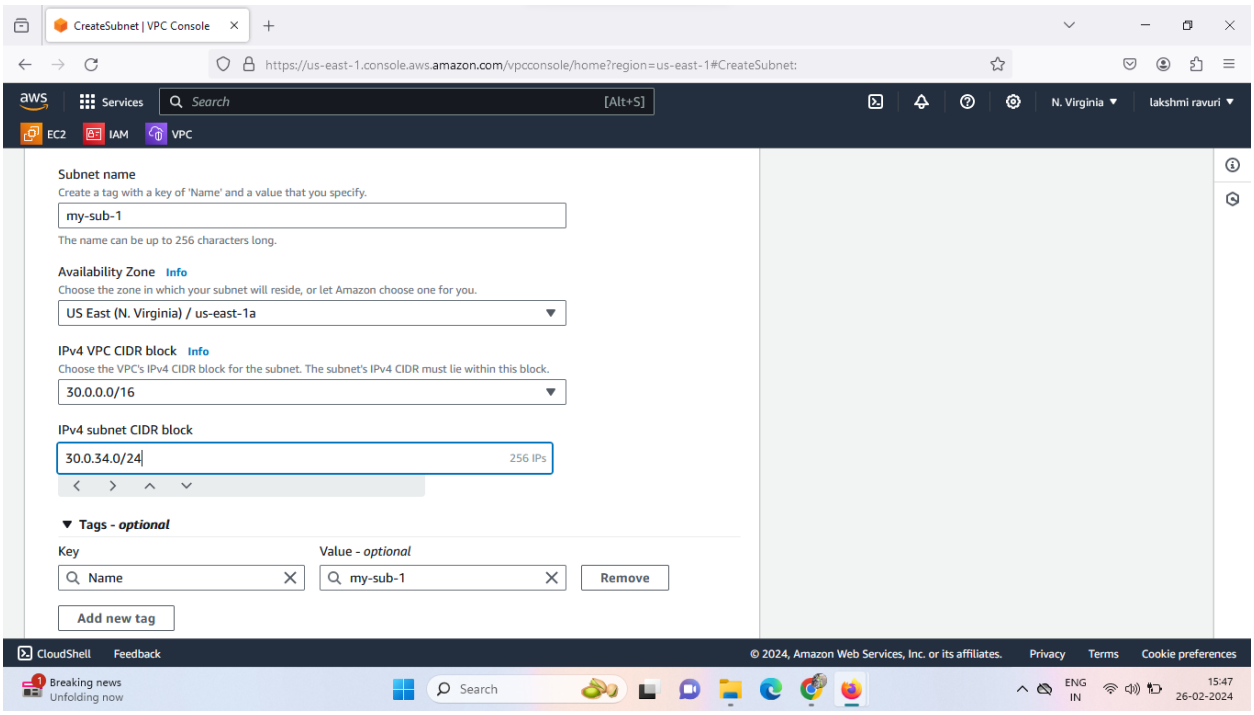

Console Home | Console Home
https://us-east-1.console.aws.amazon.com/console/home?nc2=h_ct&region=us-east-1&src=header-signin#
Services
vpc
N. Virginia
lakshmi ravuri
EC2
IAM
Search results for 'vpc'
Services (12)
Features (57)
Resources New
Documentation (12,821)
Knowledge Articles (244)
Marketplace (585)
Blogs (847)
Events (15)
Tutorials (10)
Services
See all 12 results
VPC
Isolated Cloud Resources
Top features
Your VPCs
Subnet
Route table
Internet gateway
Egress-only internet gateways
AWS Firewall Manager
Central management of firewall rules
Detective
Investigate and Analyze potential security issues
Managed Services
IT operations management for AWS
Features
See all 57 results
+ Add widgets
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:44
26-02-2024

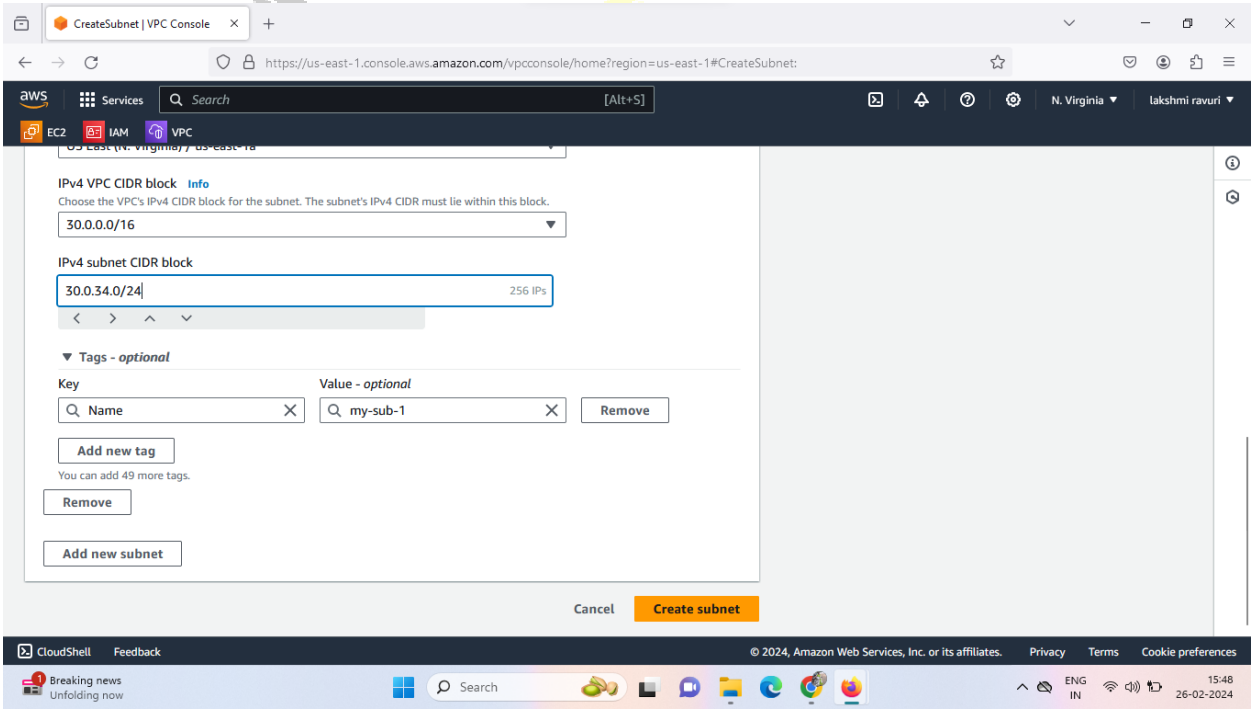

Home | VPC Console
https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#Home:
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
Create VPC
Launch EC2 Instances
Note: Your Instances will launch in the US East region.
Resources by Region
Refresh Resources
You are using the following Amazon VPC resources
VPCs US East 1
NAT Gateways US East 0
Subnets US East 6
VPC Peering Connections US East 0
Route Tables US East 1
Network ACLs US East 1
Internet Gateways US East 1
Security Groups US East 5
See all regions
Service Health
View complete service health details
Settings
Zones
Console Experiments
Additional Information
VPC Documentation
All VPC Resources
Forums
Report an Issue
AWS Network Manager
AWS Network Manager provides tools and features to help you manage and monitor your network on AWS. Network Manager makes it easier to perform connectivity management, network monitoring
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:44
26-02-2024

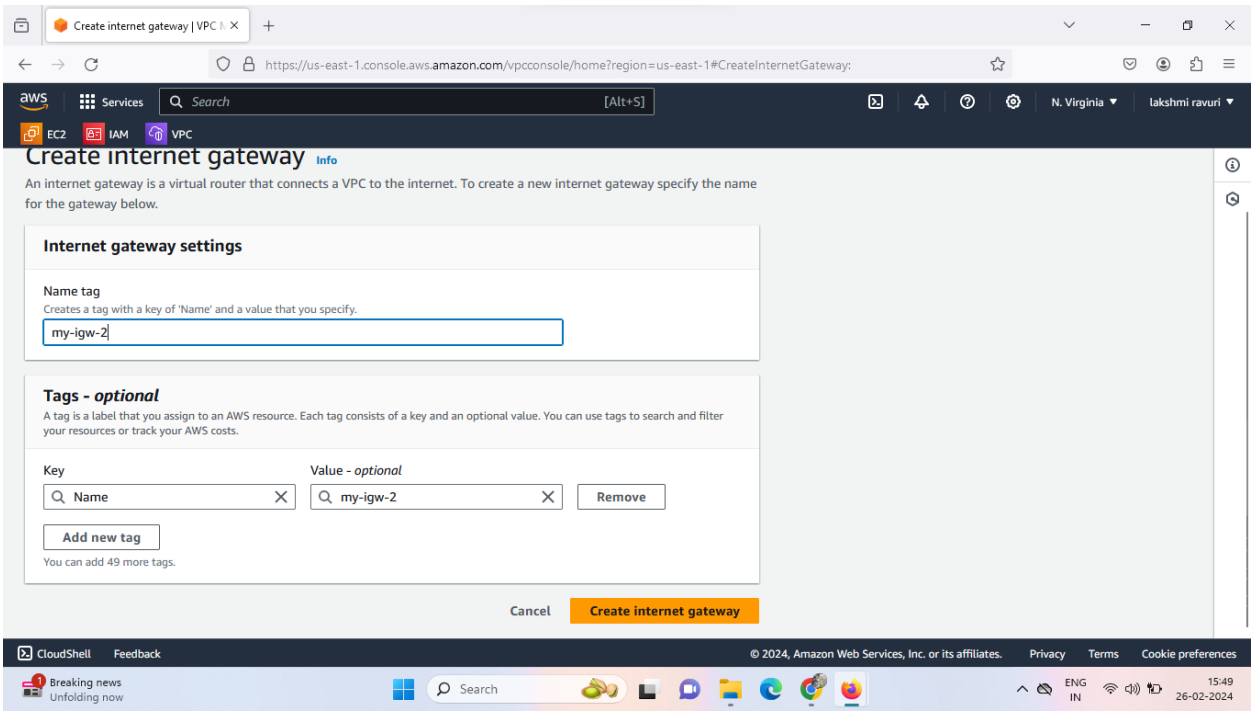

File Edit View History Bookmarks Tools Help
CreateVpc | VPC Console
https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateVpc:createMode=vpcOnly
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
VPC only
VPC and more
Name tag - optional
Creates a tag with a key of 'Name' and a value that you specify.
my-vpc-2
IPv4 CIDR block Info
IPv4 CIDR manual input
IPAM-allocated IPv4 CIDR block
IPv4 CIDR
30.0.0.0/16
CIDR block size must be between /16 and /28.
IPv6 CIDR block Info
No IPv6 CIDR block
IPAM-allocated IPv6 CIDR block
Amazon-provided IPv6 CIDR block
IPv6 CIDR owned by me
Tenancy Info
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:45
26-02-2024

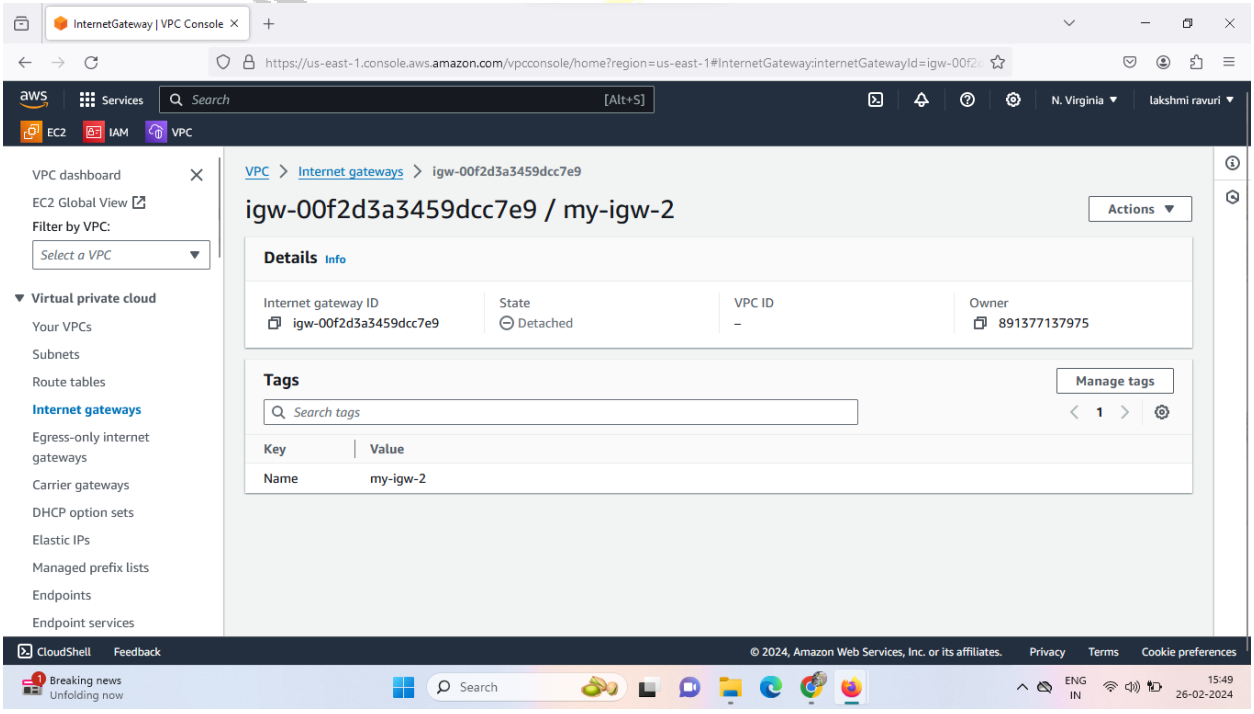

CreateVpc | VPC Console
https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateVpc:createMode=vpcOnly
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
IPv6 CIDR block Info
No IPv6 CIDR block
IPAM-allocated IPv6 CIDR block
Amazon-provided IPv6 CIDR block
IPv6 CIDR owned by me
Tenancy Info
Default
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
Name
my-vpc-2
Remove tag
Add tag
You can add 49 more tags
Cancel
Create VPC
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:45
26-02-2024


CreateSubnet | VPC Console
https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateSubnet:
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
VPC > Subnets > Create subnet
Create subnet Info
VPC
VPC ID
Create subnets in this VPC.
vpc-0d89c2eeee506dec2 (my-vpc-2)
Associated VPC CIDRs
IPv4 CIDRs
30.0.0.0/16
Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.
Subnet 1 of 1
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:46
26-02-2024

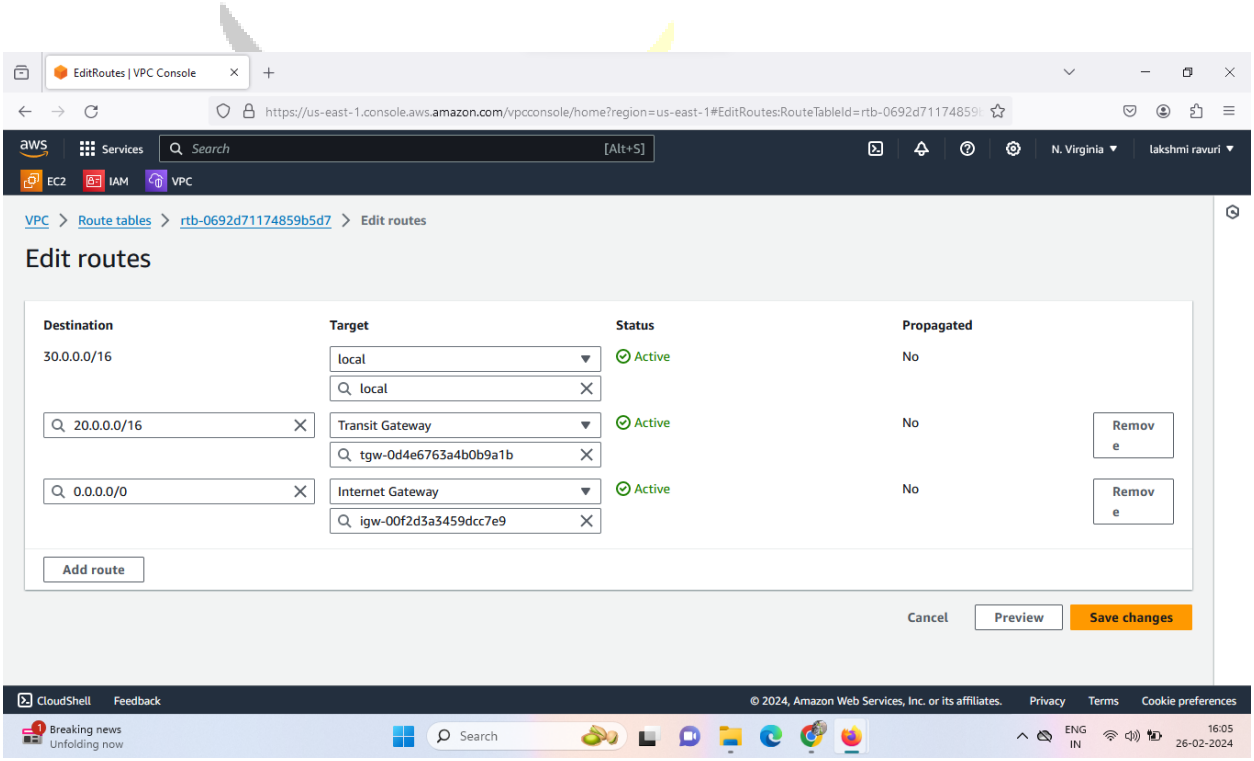

CreateSubnet | VPC Console
https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateSubnet:
aws
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
Subnet name
Create a tag with a key of 'Name' and a value that you specify.
my-sub-1
The name can be up to 256 characters 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 VPC CIDR block Info
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.
30.0.0.0/16
IPv4 subnet CIDR block
30.0.34.0/24
256 IPs
Tags - optional
Key
Value - optional
Name
my-sub-1
Remove
Add new tag
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:47
26-02-2024

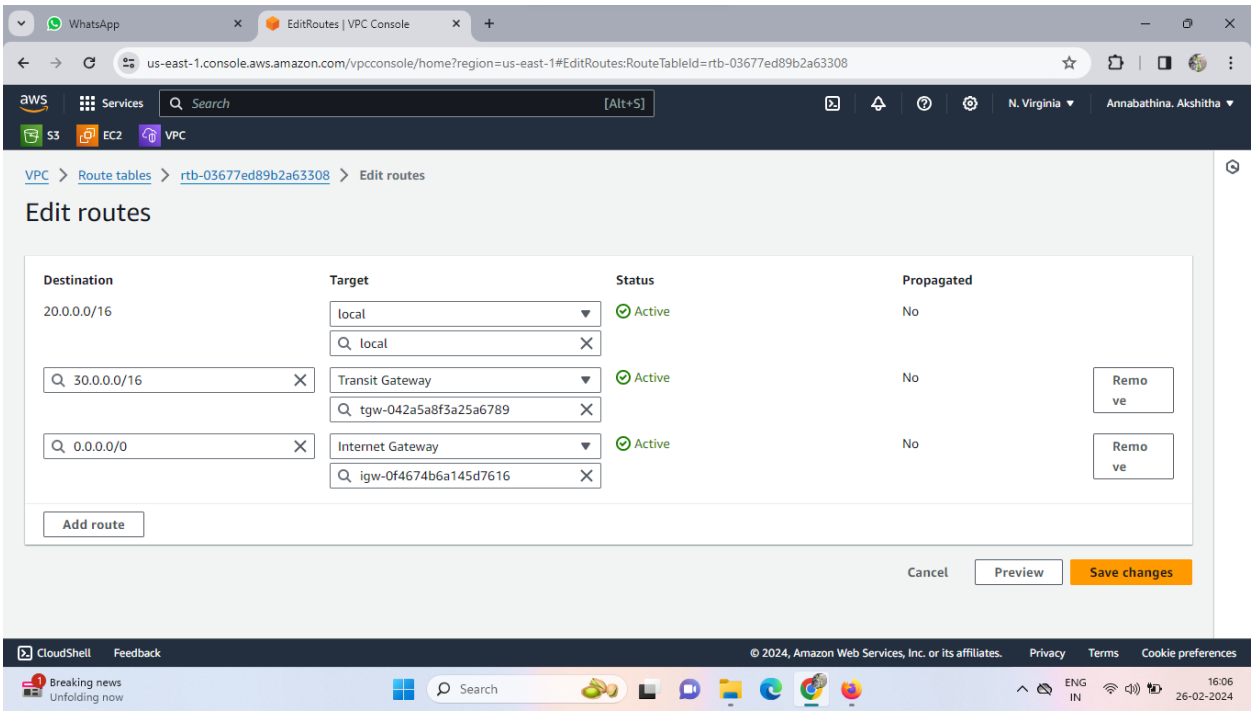

CreateSubnet | VPC Console
https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateSubnet:
aws
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
IPv4 VPC CIDR block Info
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.
30.0.0.0/16
IPv4 subnet CIDR block
30.0.34.0/24
256 IPs
Tags - optional
Key
Value - optional
Name
my-sub-1
Remove
Add new tag
You can add 49 more tags.
Remove
Add new subnet
Cancel
Create subnet
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:48
26-02-2024


Create internet gateway | VPC
https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreateInternetGateway:
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
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.
my-igw-2
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
my-igw-2
Remove
Add new tag
You can add 49 more tags.
Cancel
Create internet gateway
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:49
26-02-2024

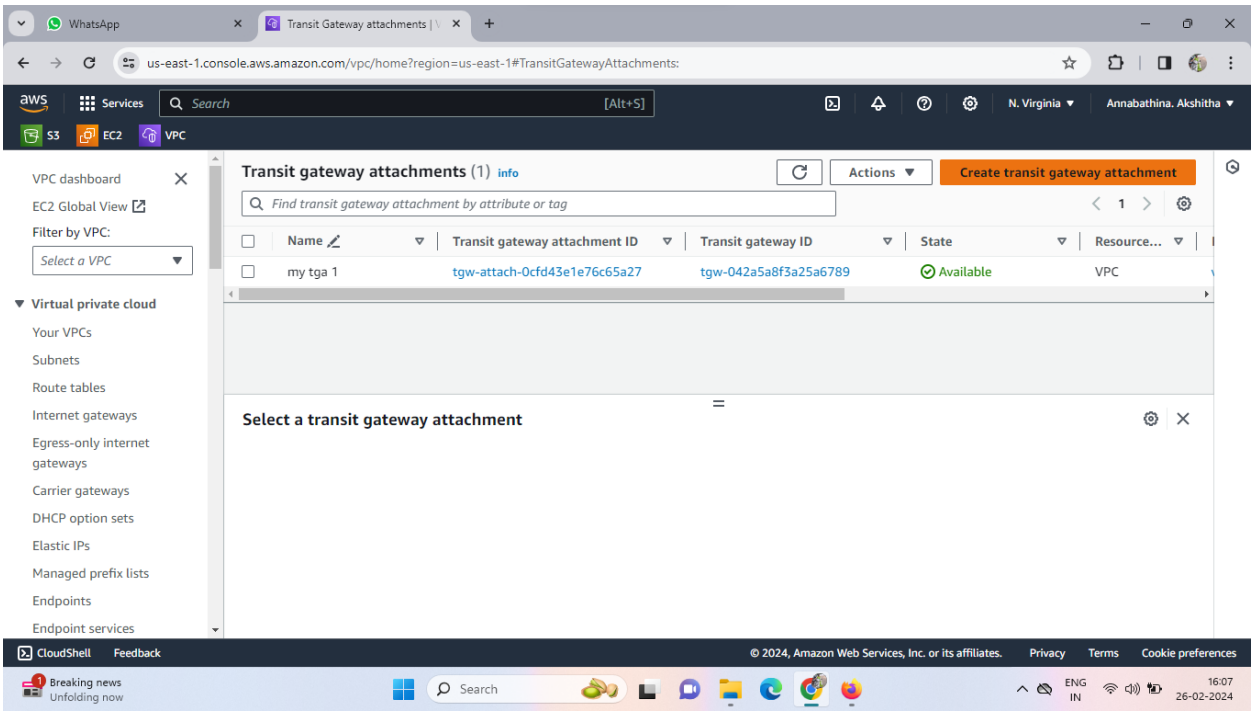

InternetGateway | VPC Console
https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#InternetGateway:internetGatewayId=igw-00f2
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
VPC > Internet gateways > igw-00f2d3a3459dcc7e9
igw-00f2d3a3459dcc7e9 / my-igw-2
Actions
Details Info
Internet gateway ID
igw-00f2d3a3459dcc7e9
State
Detached
VPC ID
–
Owner
891377137975
Tags
Manage tags
Search tags
1
Key
Value
Name
my-igw-2
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
15:49
26-02-2024

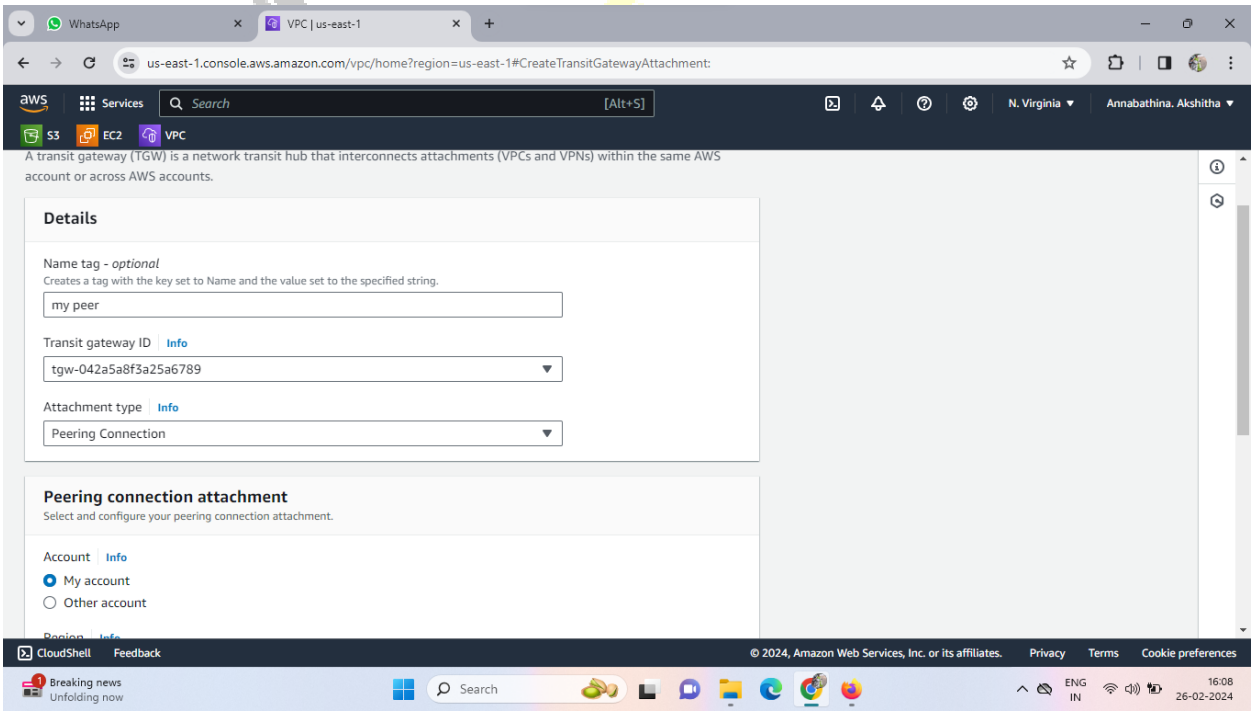
- And Click on route table id go to subnet association and edit subnet association and select created subnet and then click on save changes.
- After saving association then go to actions then click on edit routes
- Click on add route select 0.0.0.0/0 target is select internet gateway then select transit gateway id.
- Now go to route table of VPC -1 then click on route table id and go to actions and edit routes.
- Add route then enter ipv4 CIDR of another account VPC - 2 then select target is transit gateway and id.
- Go to route table of VPC -2 then click on route table id and go to actions and edit routes.
- Add route then enter ipv4 CIDR of another account VPC - 1 then select target is transit gateway and id.

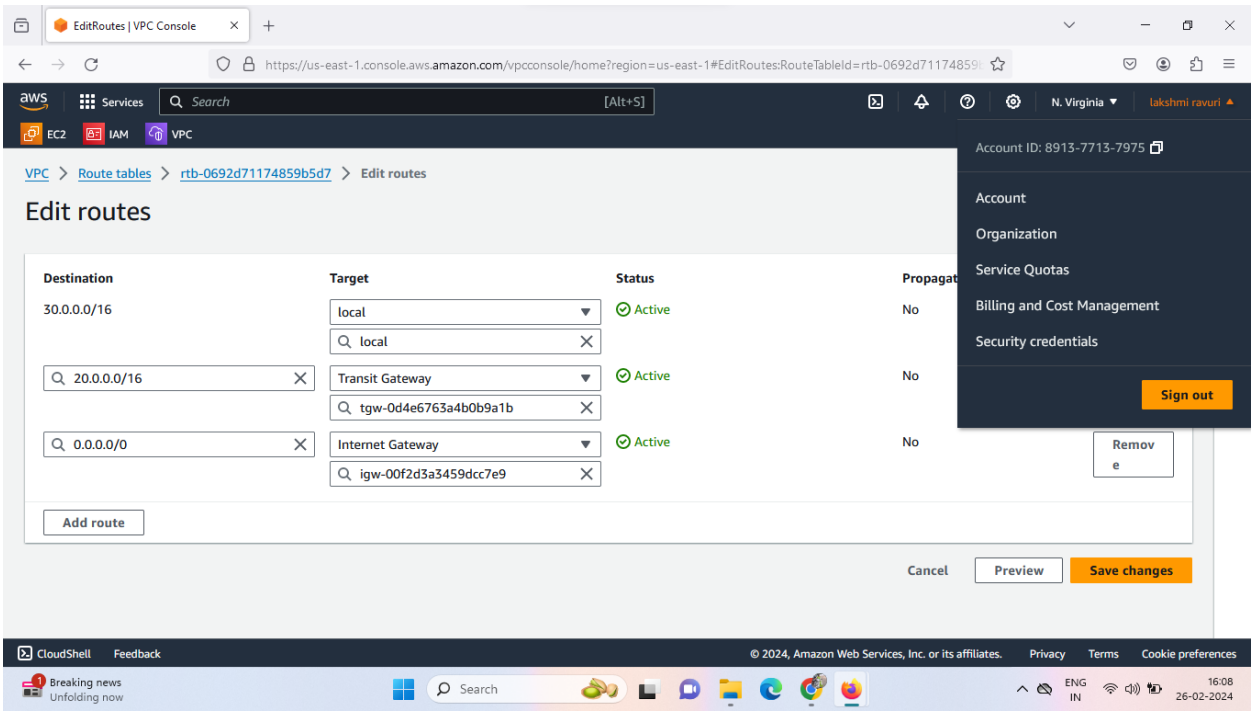


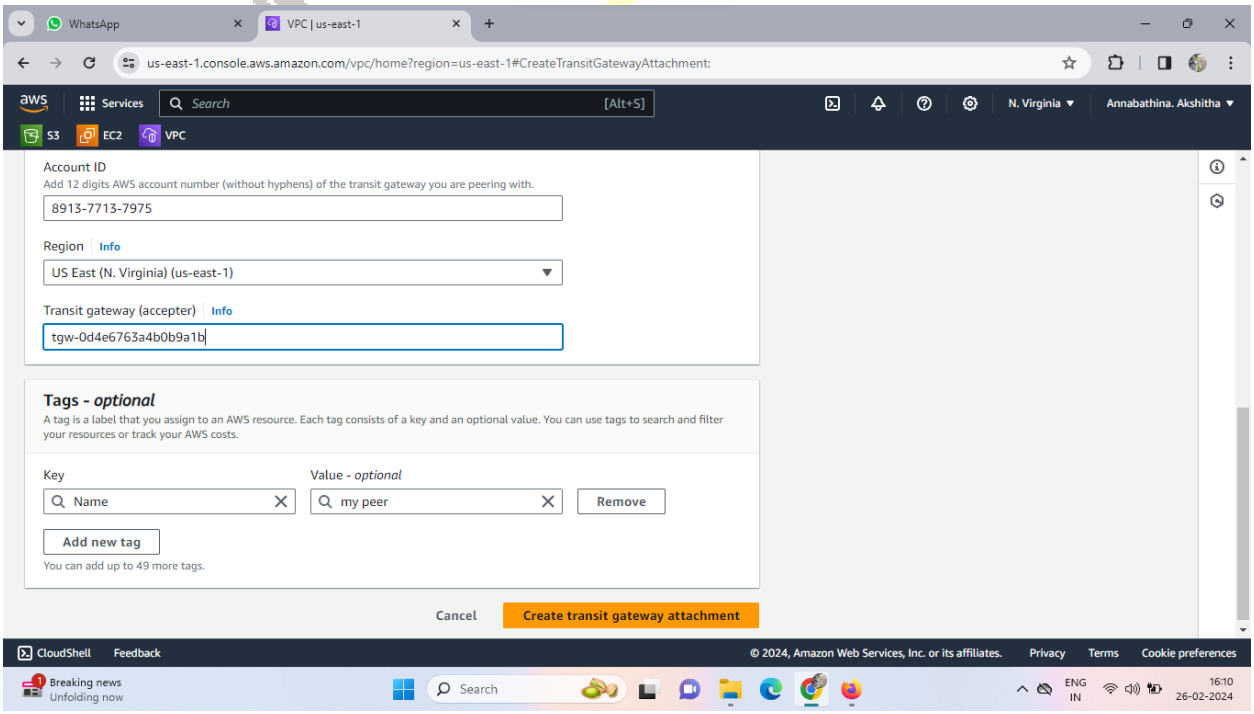


- Now go to transit gateway attachments then click on create transit gateway attachment.
- Enter name and select transit gateway id
- And select attachment type is peering connection then selects other account option.
- And enter other account id , region & transit gateway id of accepter then create transit gateway attachment.

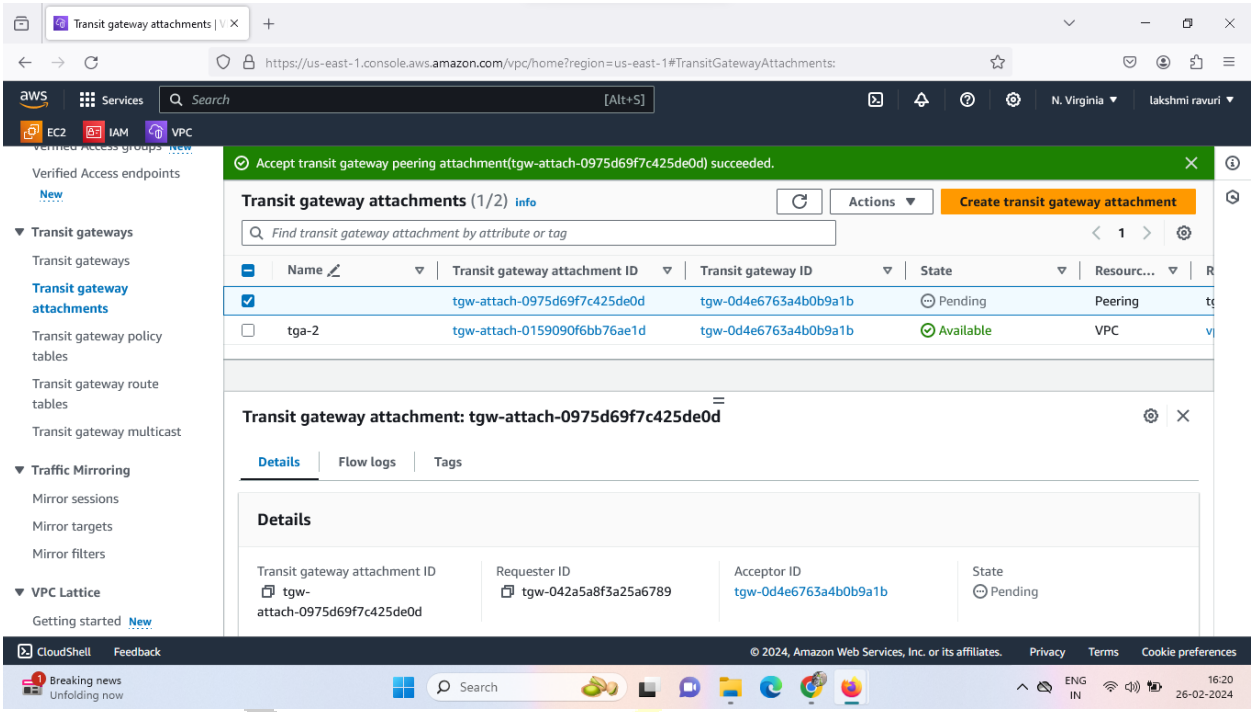

WhatsApp
Transit Gateway attachments
us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#TransitGatewayAttachments:
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
Transit gateway attachments (1) info
Actions
Create transit gateway attachment
Find transit gateway attachment by attribute or tag
Name
Transit gateway attachment ID
Transit gateway ID
State
Resource...
my tga 1
tgw-attach-0cfd43e1e76c65a27
tgw-042a5a8f3a25a6789
Available
VPC
Select a transit gateway attachment
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
16:07
26-02-2024


WhatsApp
VPC | us-east-1
us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#CreateTransitGatewayAttachment:
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
A transit gateway (TGW) is a network transit hub that interconnects attachments (VPCs and VPNs) within the same AWS account or across AWS accounts.
Details
Name tag - optional
Creates a tag with the key set to Name and the value set to the specified string.
my peer
Transit gateway ID Info
tgw-042a5a8f3a25a6789
Attachment type Info
Peering Connection
Peering connection attachment
Select and configure your peering connection attachment.
Account Info
My account
Other account
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
16:08
26-02-2024

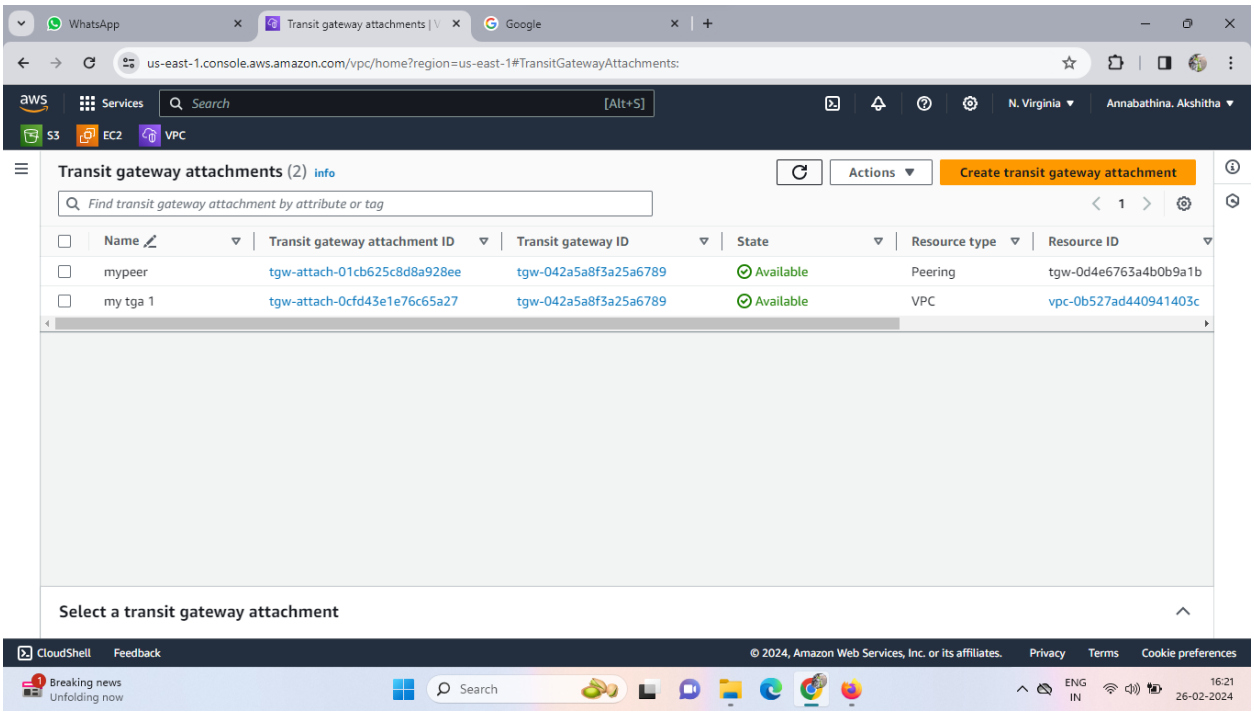


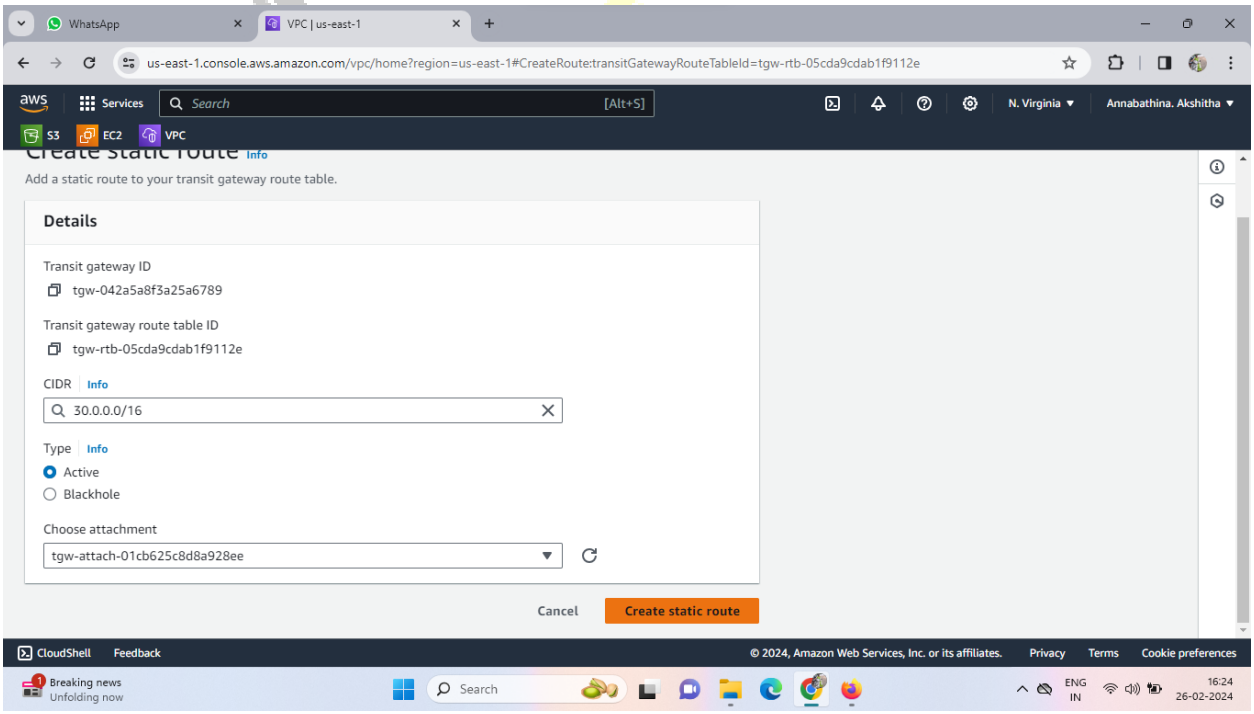


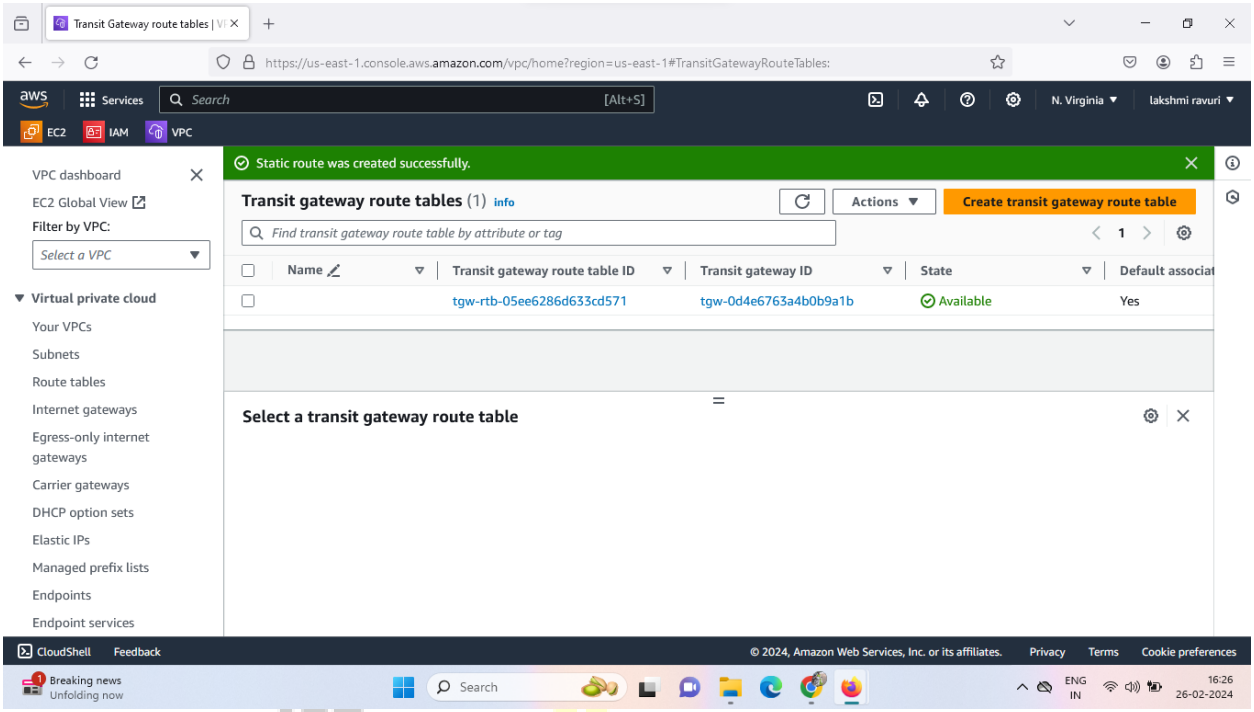
- And now go to accepter account and go to transit gateway attachments and its showing status pending acceptance click on that attachment id then accept transit gateway attachments.
- After accept transit gateway its shown status is available both the accounts.



- Both the accounts create a static route.
- Go to Transit gateway route table and select transit gateway route table
- In first account go to actions and create static route and enter CIDR of VPC – 2 and select attachment of peering.
- In second account go to actions and create static route and enter CIDR of VPC – 1 and select attachment of peering.

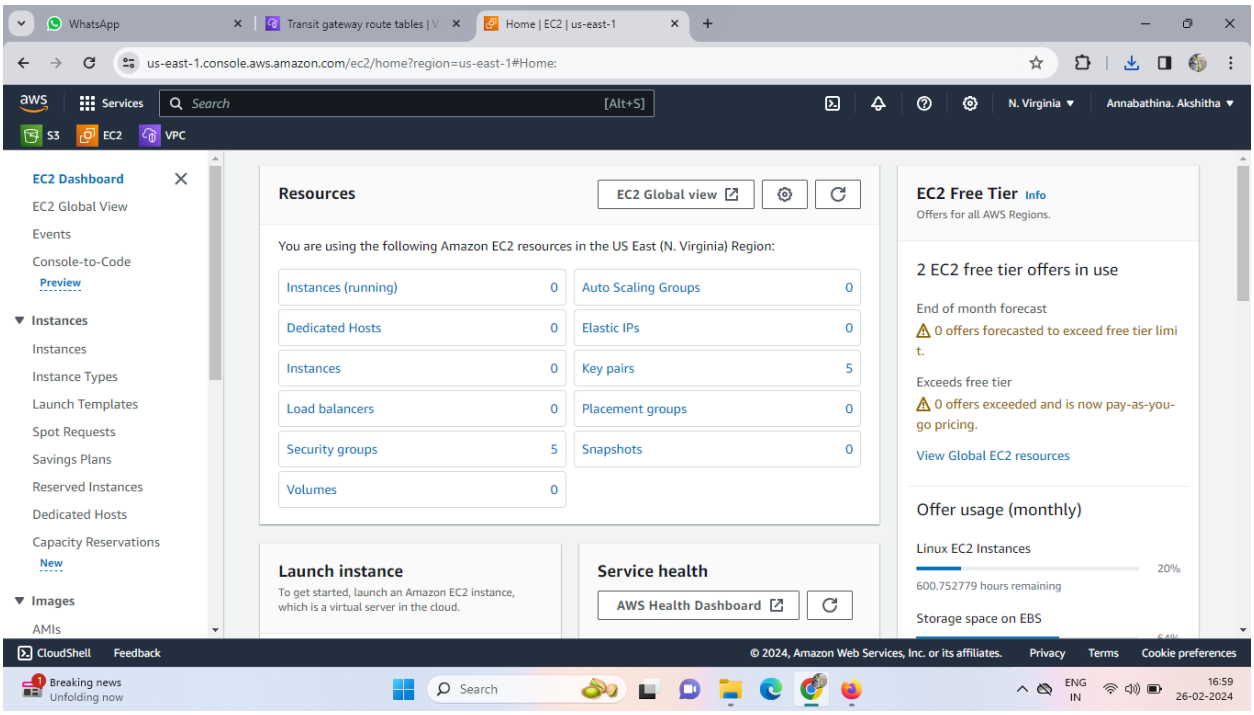

WhatsApp
Transit gateway attachments
Google
us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#TransitGatewayAttachments:
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
Transit gateway attachments (2) info
Actions
Create transit gateway attachment
Find transit gateway attachment by attribute or tag
Name
Transit gateway attachment ID
Transit gateway ID
State
Resource type
Resource ID
mypeer
tgw-attach-01cb625c8d8a928ee
tgw-042a5a8f3a25a6789
Available
Peering
tgw-0d4e6763a4b0b9a1b
my tga 1
tgw-attach-0cfd43e1e76c65a27
tgw-042a5a8f3a25a6789
Available
VPC
vpc-0b527ad440941403c
Select a transit gateway attachment
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
16:21
26-02-2024

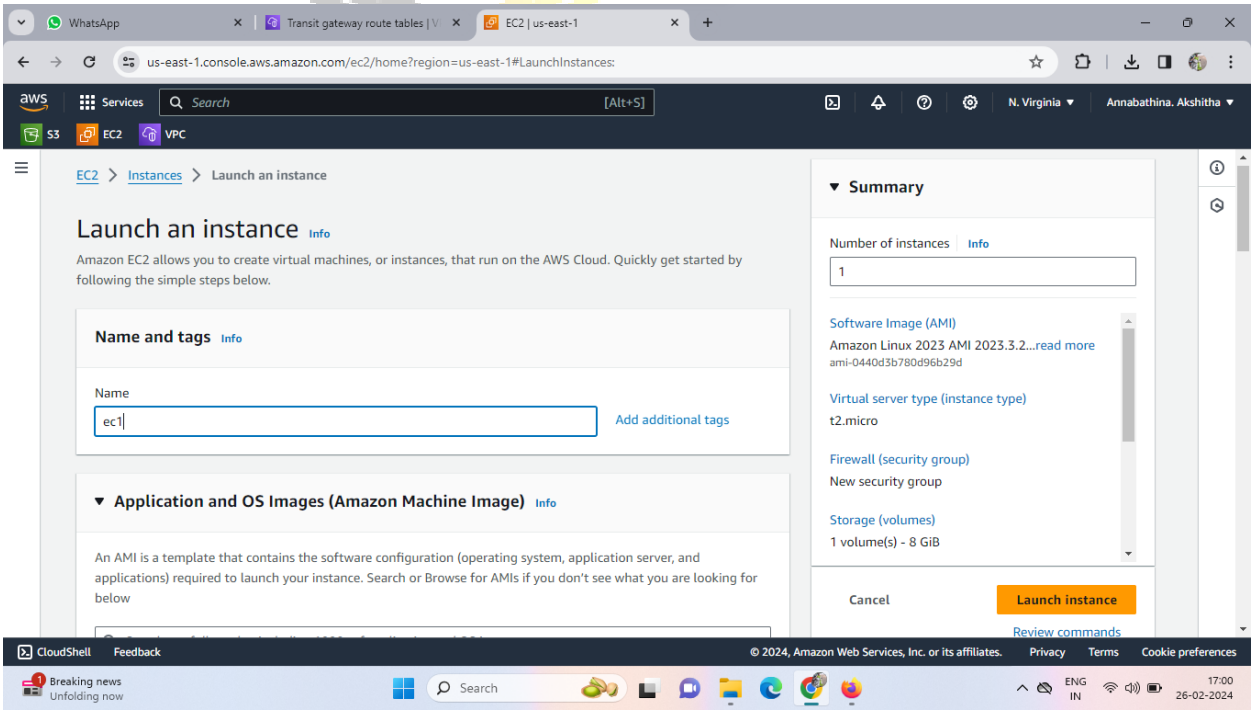

WhatsApp
VPC | us-east-1
us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#CreateRoute:transitGatewayRouteTableId=tgw-rtb-05cda9cdab1f9112e
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
Info
Add a static route to your transit gateway route table.
Details
Transit gateway ID
tgw-042a5a8f3a25a6789
Transit gateway route table ID
tgw-rtb-05cda9cdab1f9112e
CIDR Info
30.0.0.0/16
Type Info
Active
Blackhole
Choose attachment
tgw-attach-01cb625c8d8a928ee
Cancel
Create static route
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
16:24
26-02-2024

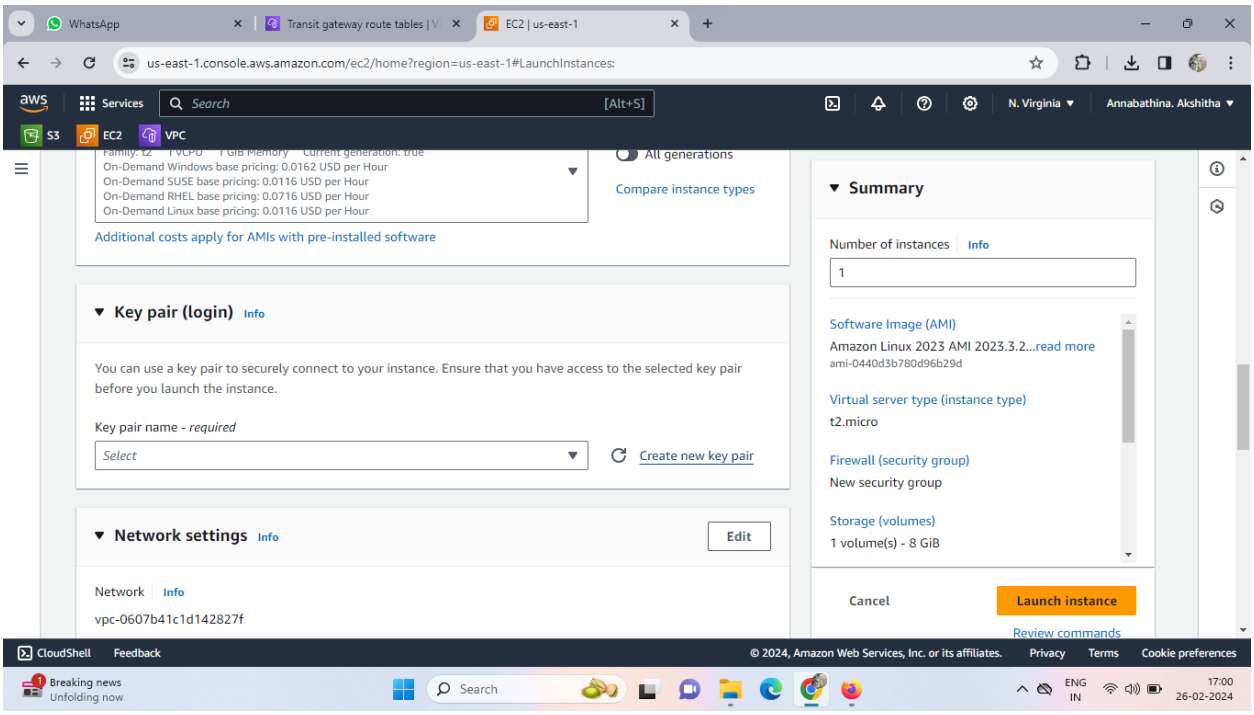


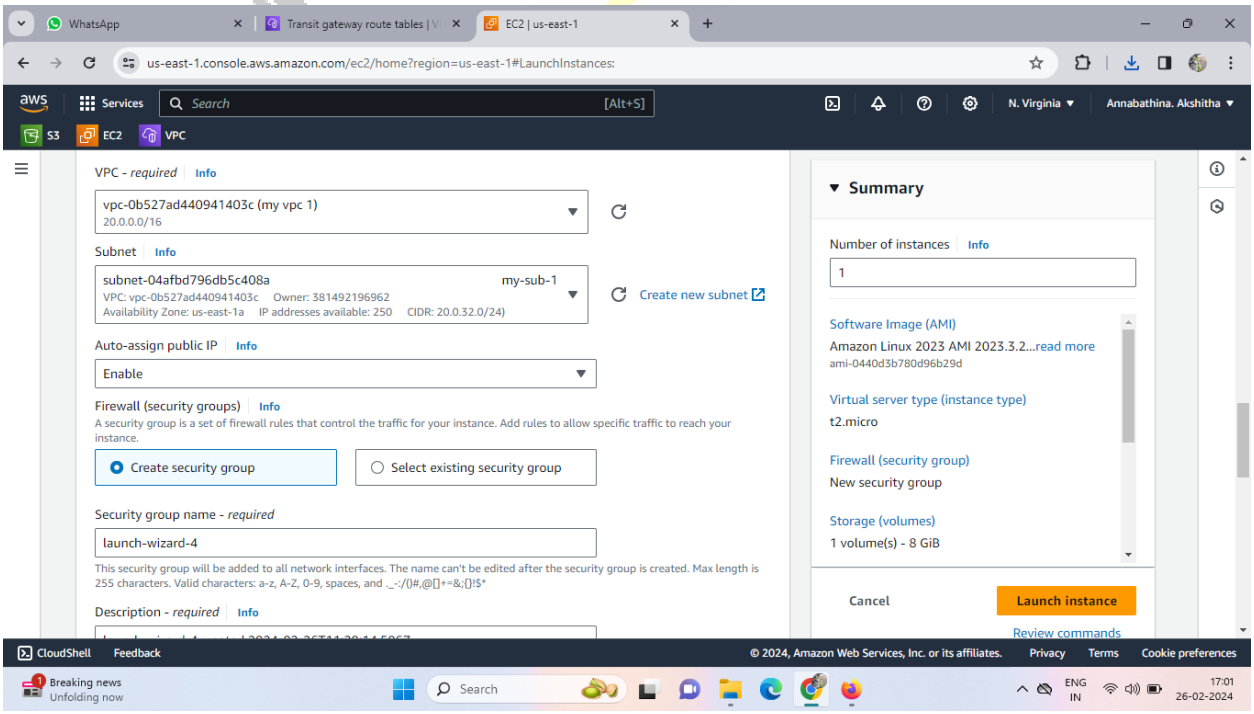
- After creating static routes then launch instances in two accounts and connect the instances
- After connect the instance check account to account connection is working or not
- Command is

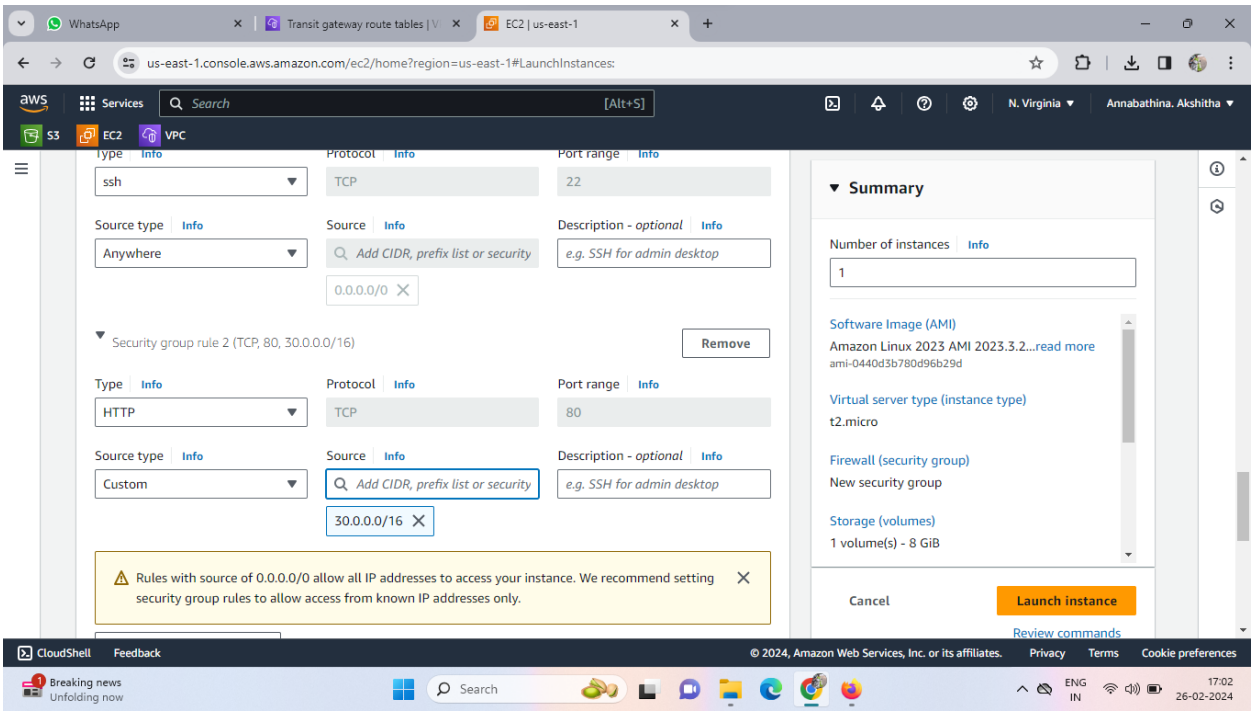
Yum install nginx –y
Systemctl status nginx
Systemctl start nginx
Curl private ip of account 2 (or) account 1

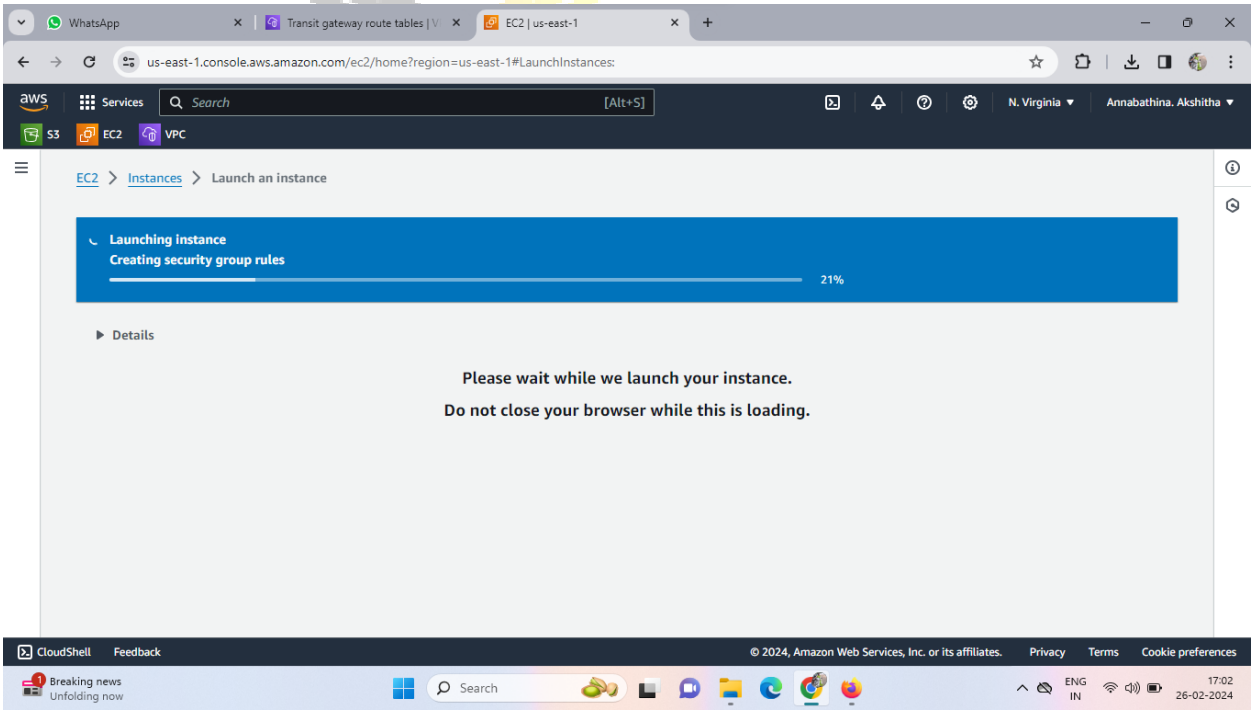

WhatsApp
Transit gateway route tables | V
Home | EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Home:
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
EC2 Dashboard
EC2 Global View
Events
Console-to-Code
Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
New
Images
AMIs
Resources
EC2 Global view
You are using the following Amazon EC2 resources in the US East (N. Virginia) Region:
Instances (running) 0
Auto Scaling Groups 0
Dedicated Hosts 0
Elastic IPs 0
Instances 0
Key pairs 5
Load balancers 0
Placement groups 0
Security groups 5
Snapshots 0
Volumes 0
Launch instance
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.
Service health
AWS Health Dashboard
EC2 Free Tier Info
Offers for all AWS Regions.
2 EC2 free tier offers in use
End of month forecast
0 offers forecasted to exceed free tier limit.
Exceeds free tier
0 offers exceeded and is now pay-as-you-go pricing.
View Global EC2 resources
Offer usage (monthly)
Linux EC2 Instances
20%
600.752779 hours remaining
Storage space on EBS
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
16:59
26-02-2024

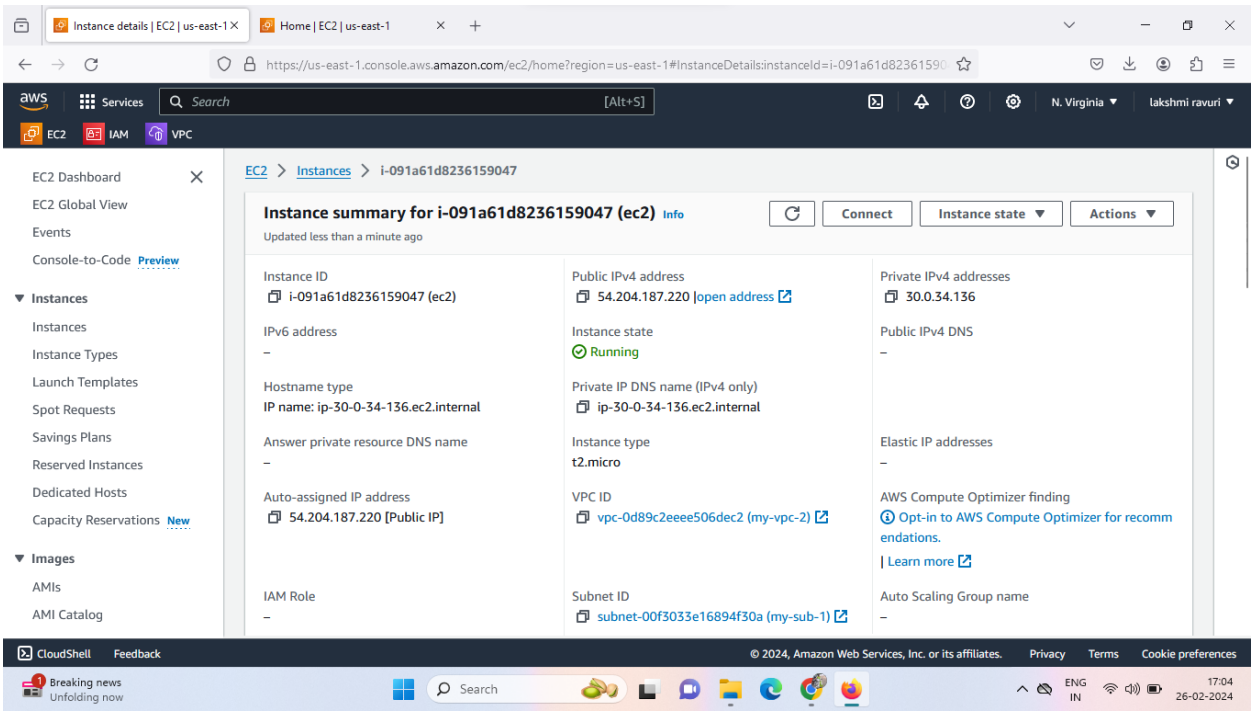

WhatsApp
Transit gateway route tables | V
EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
ec1
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0440d3b780d96b29d
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:00
26-02-2024

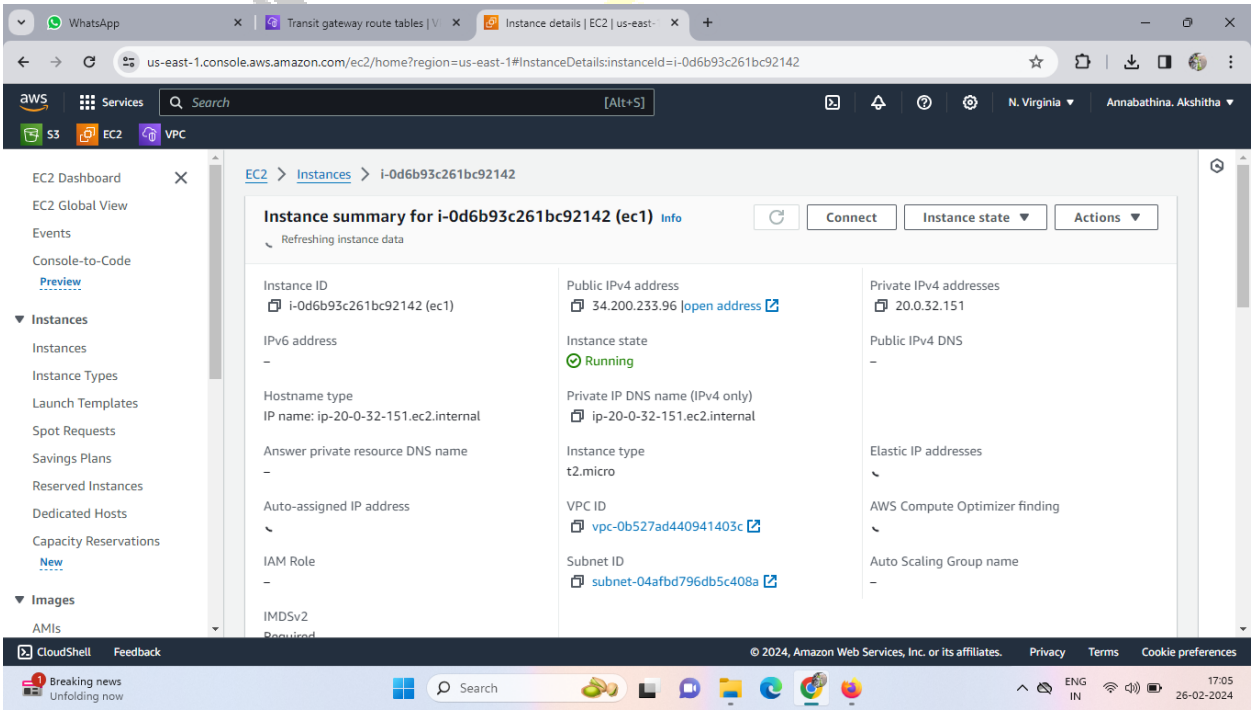

WhatsApp
Transit gateway route tables | V
EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.0716 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour
All generations
Compare instance types
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
Network settings Info
Edit
Network Info
vpc-0607b41c1d142827f
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0440d3b780d96b29d
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:00
26-02-2024

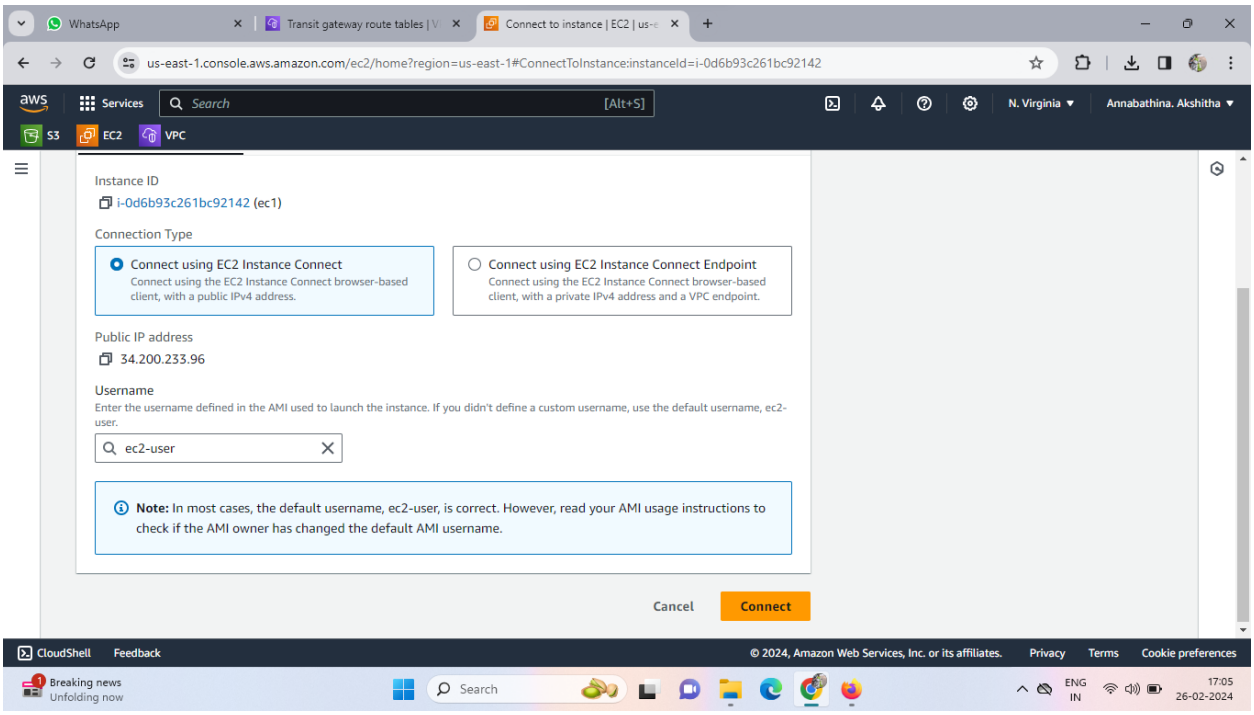

WhatsApp
Transit gateway route tables | V
EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
VPC - required Info
vpc-0b527ad440941403c (my vpc 1)
20.0.0.0/16
Subnet Info
subnet-04afbd796db5c408a
my-sub-1
VPC: vpc-0b527ad440941403c Owner: 381492196962
Availability Zone: us-east-1a IP addresses available: 250 CIDR: 20.0.32.0/24)
Create new subnet
Auto-assign public IP Info
Enable
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-4
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
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0440d3b780d96b29d
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:01
26-02-2024

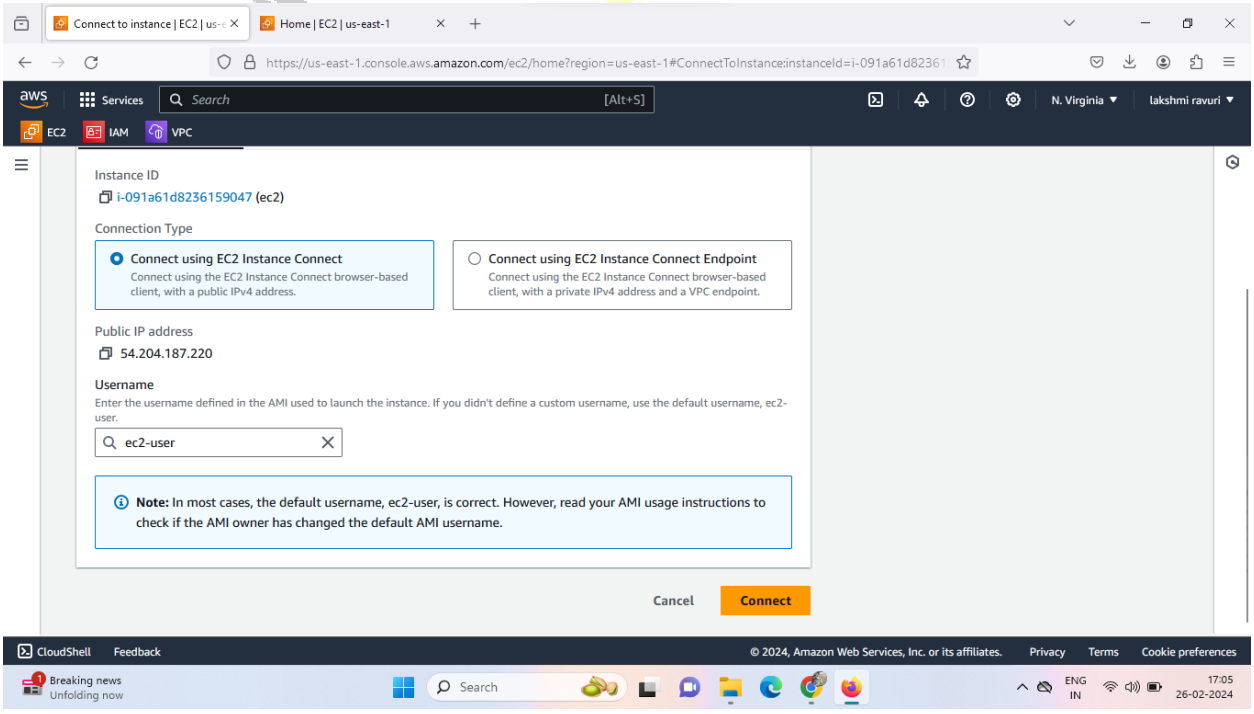

WhatsApp
Transit gateway route tables | V
EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
Type Info
ssh
Protocol Info
TCP
Port range Info
22
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
Description - optional Info
e.g. SSH for admin desktop
0.0.0.0/0
Security group rule 2 (TCP, 80, 30.0.0.0/16)
Remove
Type Info
HTTP
Protocol Info
TCP
Port range Info
80
Source type Info
Custom
Source Info
Add CIDR, prefix list or security
Description - optional Info
e.g. SSH for admin desktop
30.0.0.0/16
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.
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0440d3b780d96b29d
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:02
26-02-2024

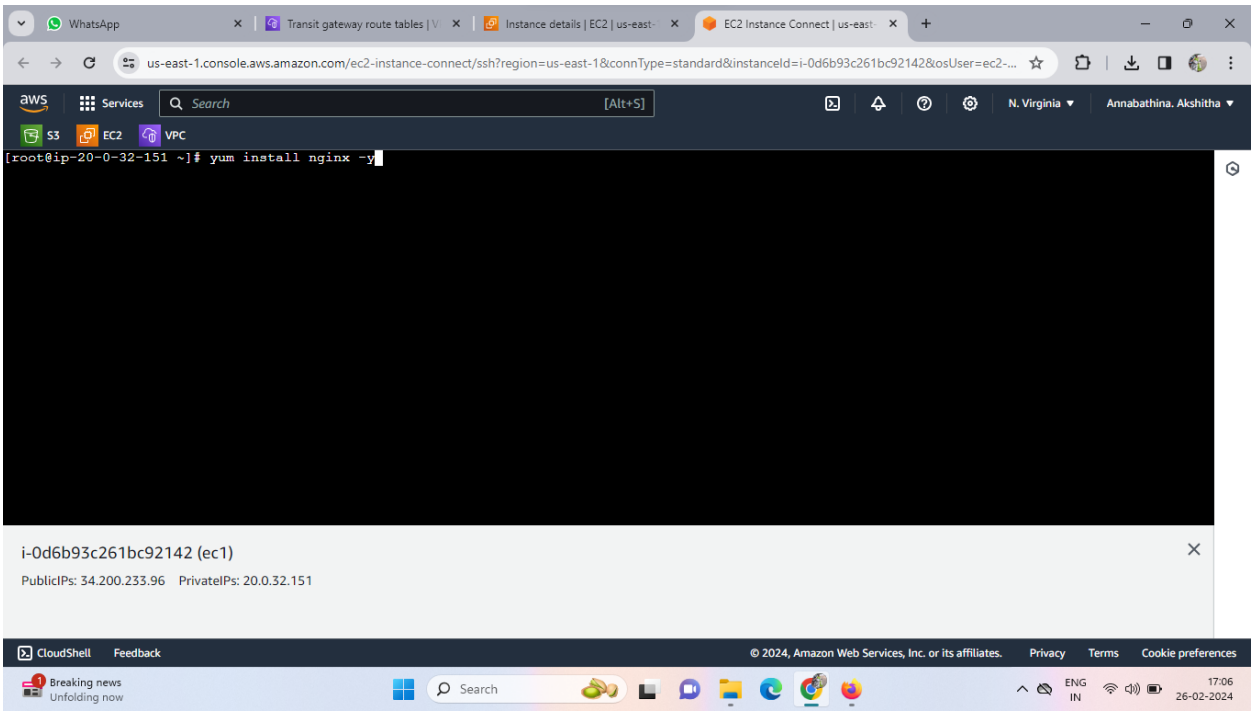

WhatsApp
Transit gateway route tables | V
EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
EC2 > Instances > Launch an instance
Launching instance
Creating security group rules
21%
Details
Please wait while we launch your instance.
Do not close your browser while this is loading.
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:02
26-02-2024

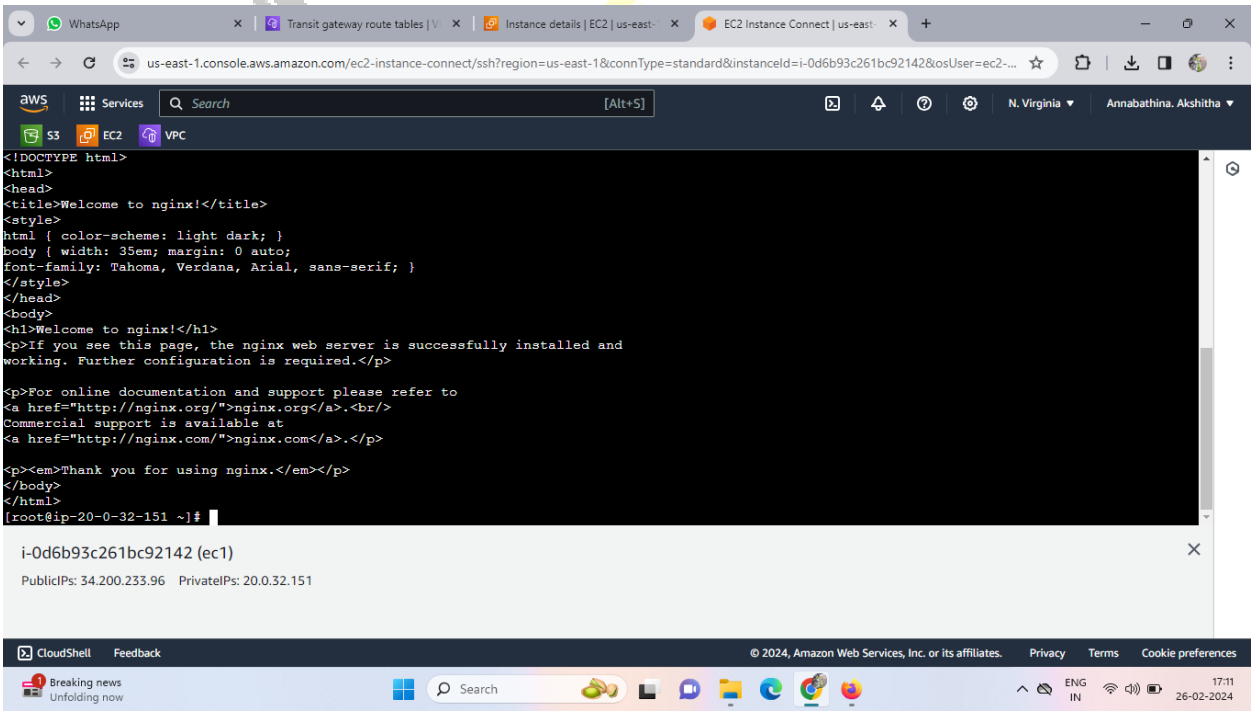

Instance details | EC2 | us-east-1
Home | EC2 | us-east-1
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetails:instanceId=i-091a61d8236159
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations New
Images
AMIs
AMI Catalog
EC2 > Instances > i-091a61d8236159047
Instance summary for i-091a61d8236159047 (ec2) Info
Updated less than a minute ago
Connect
Instance state
Actions
Instance ID
i-091a61d8236159047 (ec2)
Public IPv4 address
54.204.187.220 |open address
Private IPv4 addresses
30.0.34.136
IPv6 address
–
Instance state
Running
Public IPv4 DNS
–
Hostname type
IP name: ip-30-0-34-136.ec2.internal
Private IP DNS name (IPv4 only)
ip-30-0-34-136.ec2.internal
Answer private resource DNS name
–
Instance type
t2.micro
Elastic IP addresses
–
Auto-assigned IP address
54.204.187.220 [Public IP]
VPC ID
vpc-0d89c2eeee506dec2 (my-vpc-2)
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations.
| Learn more
IAM Role
–
Subnet ID
subnet-00f3033e16894f30a (my-sub-1)
Auto Scaling Group name
–
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:04
26-02-2024


WhatsApp
Transit gateway route tables | V
Instance details | EC2 | us-east-
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetails:instanceId=i-0d6b93c261bc92142
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations New
Images
AMIs
EC2 > Instances > i-0d6b93c261bc92142
Instance summary for i-0d6b93c261bc92142 (ec1) Info
Refreshing instance data
Connect
Instance state
Actions
Instance ID
i-0d6b93c261bc92142 (ec1)
Public IPv4 address
34.200.233.96 |open address
Private IPv4 addresses
20.0.32.151
IPv6 address
–
Instance state
Running
Public IPv4 DNS
–
Hostname type
IP name: ip-20-0-32-151.ec2.internal
Private IP DNS name (IPv4 only)
ip-20-0-32-151.ec2.internal
Answer private resource DNS name
–
Instance type
t2.micro
Elastic IP addresses
Auto-assigned IP address
VPC ID
vpc-0b527ad440941403c
AWS Compute Optimizer finding
IAM Role
–
Subnet ID
subnet-04afbd796db5c408a
Auto Scaling Group name
–
IMDSv2
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:05
26-02-2024


Connect to instance | EC2 | us-e
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-0d6b93c261bc92142
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
Instance ID
i-0d6b93c261bc92142 (ec1)
Connection Type
Connect using EC2 Instance Connect
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.
Connect using EC2 Instance Connect Endpoint
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.
Public IP address
34.200.233.96
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
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:05
26-02-2024


Connect to instance | EC2 | us-e
Home | EC2 | us-east-1
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-091a61d82361
Services
Search
[Alt+S]
N. Virginia
lakshmi ravuri
EC2
IAM
VPC
Instance ID
i-091a61d8236159047 (ec2)
Connection Type
Connect using EC2 Instance Connect
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.
Connect using EC2 Instance Connect Endpoint
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.
Public IP address
54.204.187.220
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
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:05
26-02-2024


WhatsApp
Transit gateway route tables | V
Instance details | EC2 | us-east-
EC2 Instance Connect | us-east-
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0d6b93c261bc92142&osUser=ec2-...
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
[root@ip-20-0-32-151 ~]# yum install nginx -y
i-0d6b93c261bc92142 (ec1)
PublicIPs: 34.200.233.96 PrivateIPs: 20.0.32.151
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:06
26-02-2024


WhatsApp
Transit gateway route tables | V
Instance details | EC2 | us-east-
EC2 Instance Connect | us-east-
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0d6b93c261bc92142&osUser=ec2-...
aws
Services
Search
[Alt+S]
N. Virginia
Annabathina. Akshitha
S3
EC2
VPC
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
html { color-scheme: light dark; }
body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.
For online documentation and support please refer to
nginx.org.
Commercial support is available at
nginx.com.
Thank you for using nginx.
</body>
</html>
[root@ip-20-0-32-151 ~]#
i-0d6b93c261bc92142 (ec1)
PublicIPs: 34.200.233.96 PrivateIPs: 20.0.32.151
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Breaking news
Unfolding now
Search
ENG
IN
17:11
26-02-2024