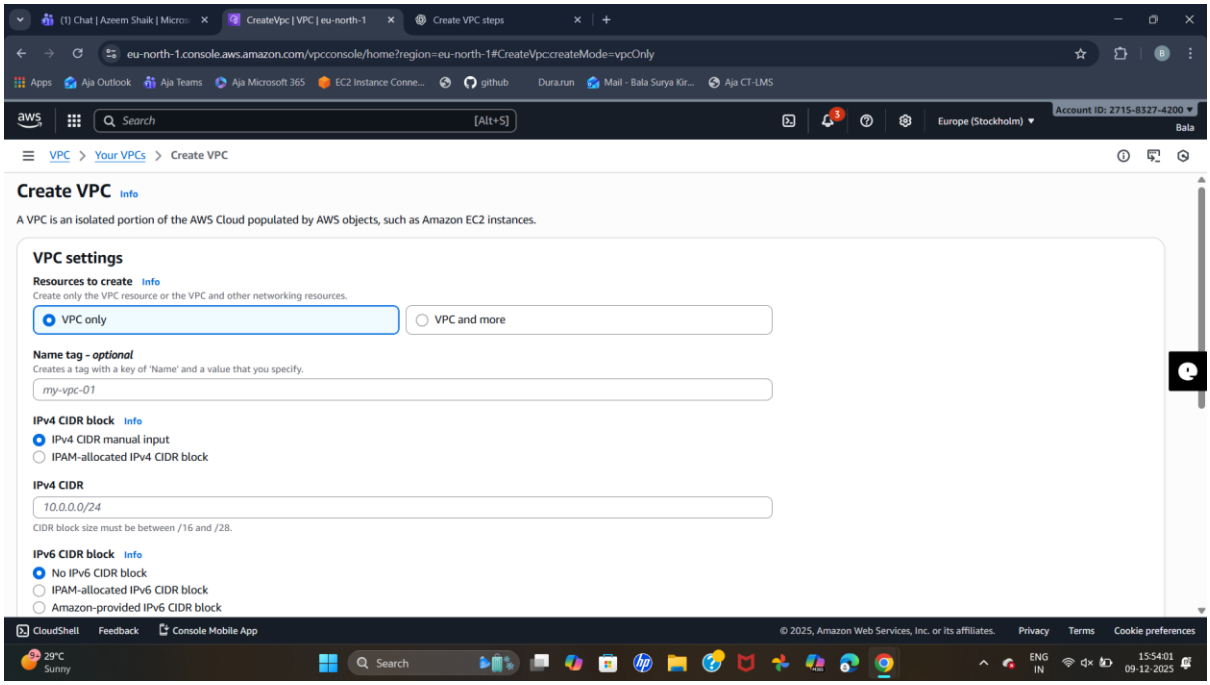


STEP 1: Create VPC

Open **AWS Console**

Go to **VPC**

Click **Your VPCs → Create VPC**

Choose:

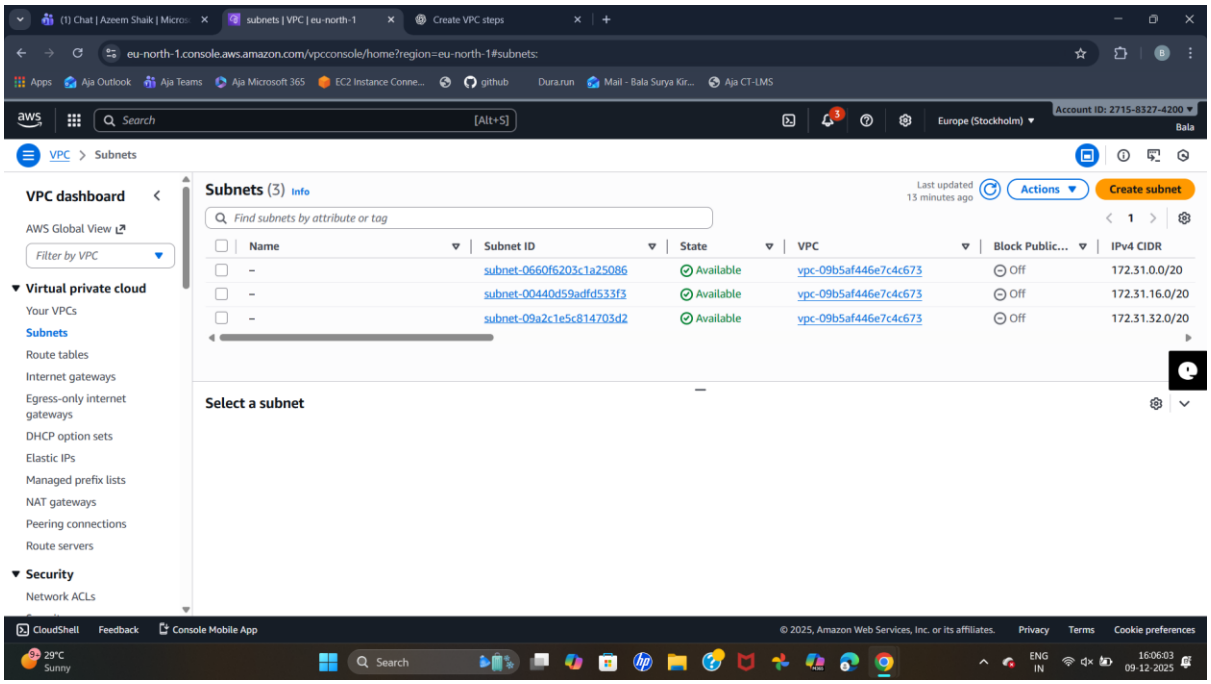
Resources to create: VPC only

Name tag: `Enterprise-VPC`

IPv4 CIDR block: `10.0.0.0/16`

Tenancy: Default

Click **Create VPC**



STEP 2: Create Subnets (ONE BY ONE)

Go to **VPC → Subnets → Create subnet**

Select:

VPC: `sai-VPC`

Availability Zone: No preference

Next step:-1

Subnet 1: Public Subnet C (Largest first)

Field	Value
Subnet name	Public-Subnet-C
IPv4 subnet CIDR	**10.0.0.0/19**

Click **Create subnet**

Next step:-2

Subnet 2: Private Subnet C

Field	Value
Subnet name	Private-Subnet-C
IPv4 subnet CIDR	**10.0.32.0/19**

Click **Create subnet**

Next step:-3

Subnet 3: Public Subnet B

Field	Value
Subnet name	Public-Subnet-B
IPv4 subnet CIDR	10.0.64.0/20

Click **Create subnet**

Next step:-4

Subnet 4: Private Subnet A

Field	Value
Subnet name	Private-Subnet-A
IPv4 subnet CIDR	10.0.80.0/22

Click **Create subnet**

Next step:-5

Subnet 5: Private Subnet B

Field	Value
Subnet name	Private-Subnet-B
IPv4 subnet CIDR	10.0.84.0/23

Click **Create subnet**

Next step:-6

Subnet 6: Public Subnet A

Field	Value
Subnet name	Public-Subnet-A
IPv4 subnet CIDR	10.0.86.0/24

Click **Create subnet**

: Create Internet Gateway (IGW)

Go to VPC → Internet Gateways

Click Create internet gateway

Name: `Enterprise-IGW`

Click Create

Select IGW → Actions → Attach to VPC

Choose `Enterprise-VPC`

Click ✅ Attach

Public Subnet C = 10.0.0.0/19 (8192)

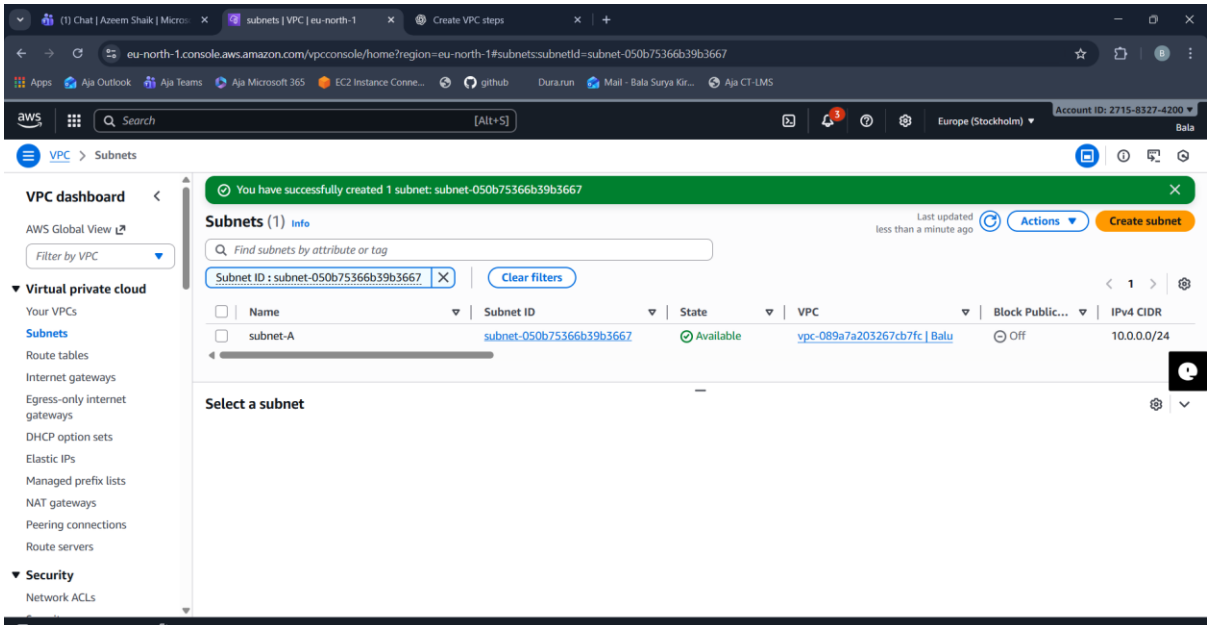
Private Subnet C = 10.0.32.0/19 (8192)

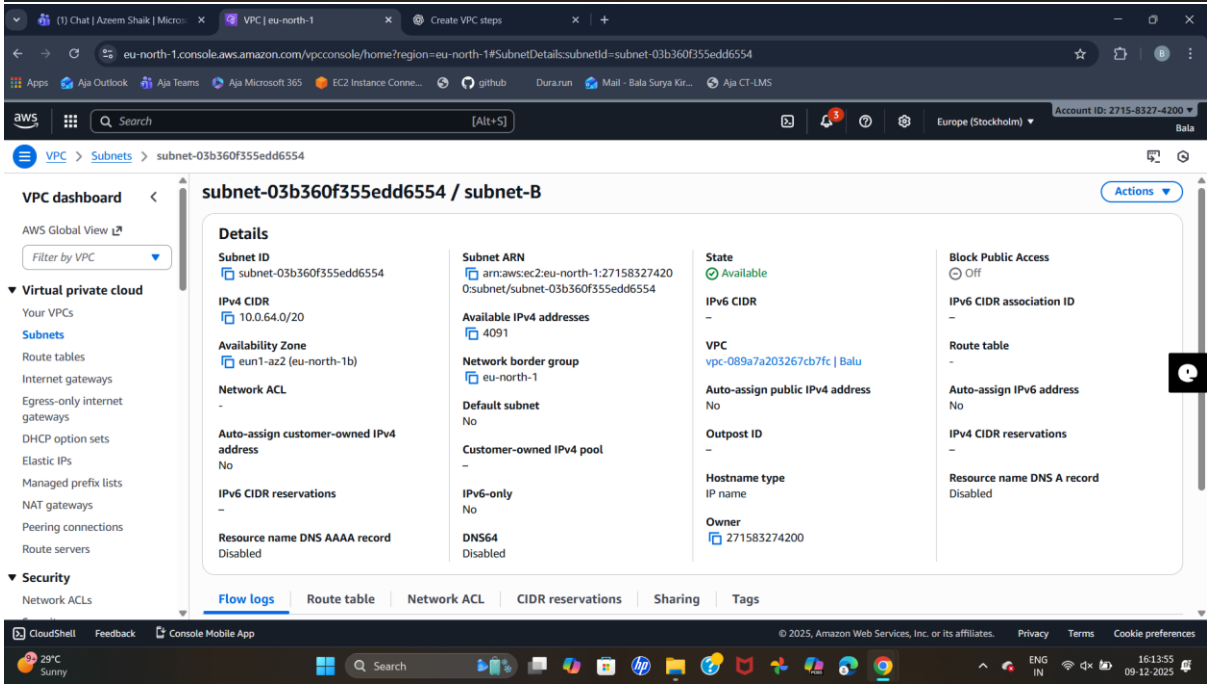
Public Subnet B = 10.0.64.0/20 (4096)

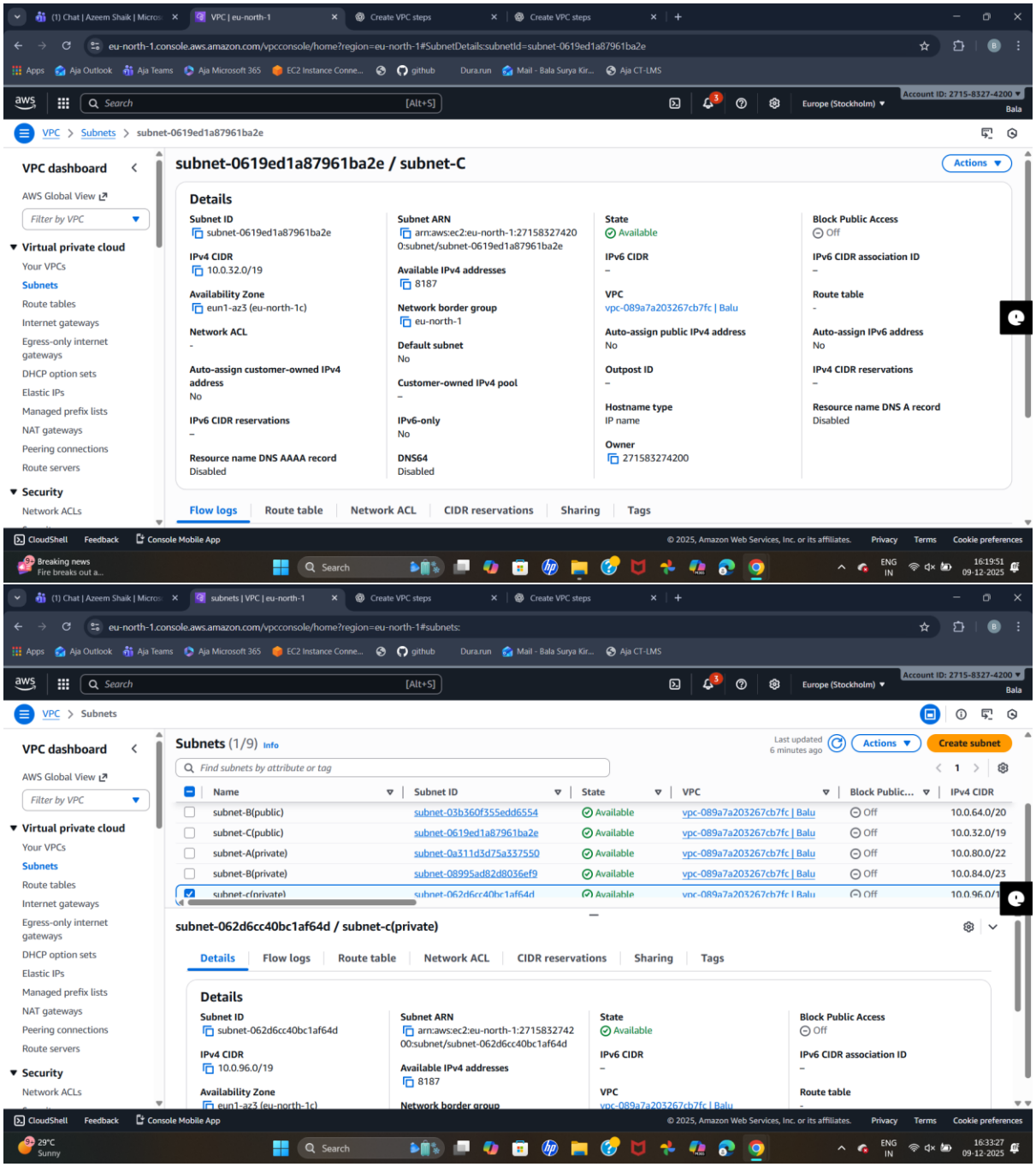
Private Subnet A = 10.0.80.0/22 (1024)

Private Subnet B = 10.0.84.0/23 (512)

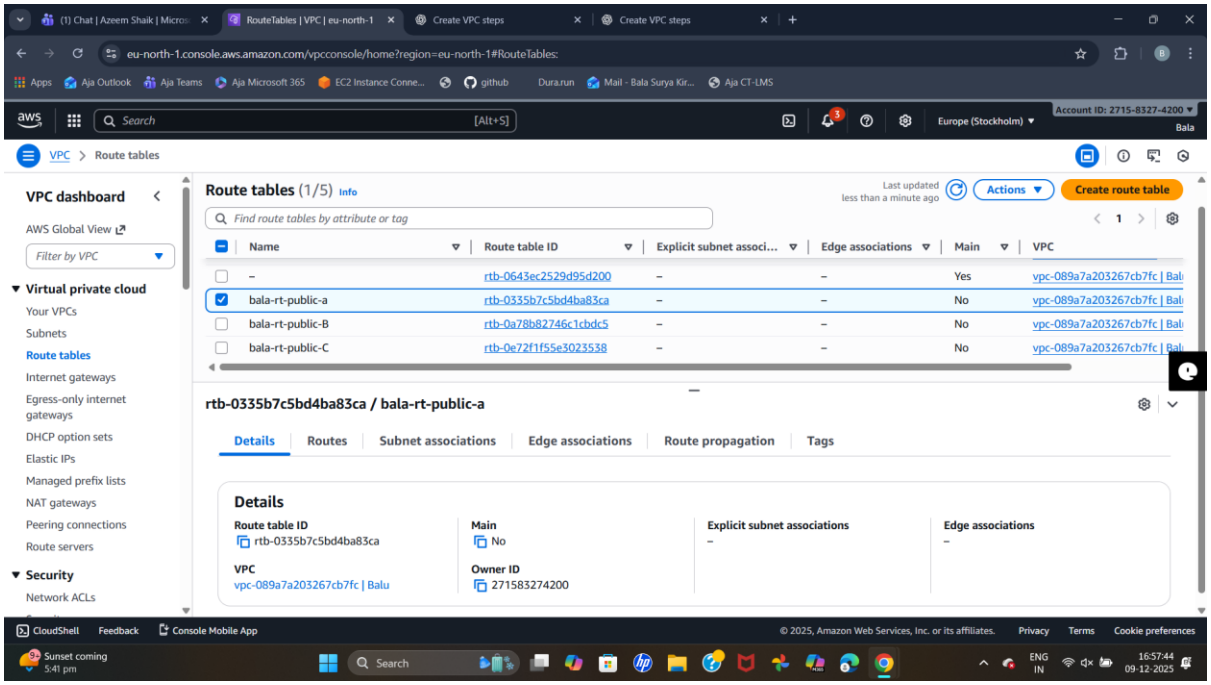
Public Subnet A = 10.0.86.0/24 (256)






eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#SubnetDetails:subnetId=subnet-0619ed1a87961ba2e
VPC > Subnets > subnet-0619ed1a87961ba2e
VPC dashboard
subnet-0619ed1a87961ba2e / subnet-C
Actions
Details
Subnet ID
subnet-0619ed1a87961ba2e
Subnet ARN
arn:aws:ec2:eu-north-1:271583274200:subnet/subnet-0619ed1a87961ba2e
State
Available
Block Public Access
Off
IPv4 CIDR
10.0.32.0/19
Available IPv4 addresses
8187
IPv6 CIDR
IPv6 CIDR association ID
Availability Zone
eun1-az3 (eu-north-1c)
Network border group
eu-north-1
VPC
vpc-089a7a203267cb7fc | Balu
Route table
Network ACL
Default subnet
No
Auto-assign public IPv4 address
No
Auto-assign IPv6 address
No
Auto-assign customer-owned IPv4 address
No
Customer-owned IPv4 pool
Outpost ID
IPv4 CIDR reservations
IPv6 CIDR reservations
IPv6-only
No
Hostname type
IP name
Resource name DNS A record
Disabled
Resource name DNS AAAA record
Disabled
DNS64
Disabled
Owner
271583274200
Flow logs
Route table
Network ACL
CIDR reservations
Sharing
Tags

eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#subnets:
VPC > Subnets
VPC dashboard
Subnets (1/9)
Last updated 6 minutes ago
Actions
Create subnet
Name
Subnet ID
State
VPC
Block Public...
IPv4 CIDR
subnet-B(public) subnet-03b360f355edd6554 Available vpc-089a7a203267cb7fc | Balu Off 10.0.64.0/20
subnet-C(public) subnet-0619ed1a87961ba2e Available vpc-089a7a203267cb7fc | Balu Off 10.0.32.0/19
subnet-A(private) subnet-0a311d3d75a337550 Available vpc-089a7a203267cb7fc | Balu Off 10.0.80.0/22
subnet-B(private) subnet-08995ad82d8036ef9 Available vpc-089a7a203267cb7fc | Balu Off 10.0.84.0/23
subnet-c(private) subnet-062d6cc40bc1af64d Available vpc-089a7a203267cb7fc | Balu Off 10.0.96.0/19
subnet-062d6cc40bc1af64d / subnet-c(private)
Details
Flow logs
Route table
Network ACL
CIDR reservations
Sharing
Tags
Subnet ID
subnet-062d6cc40bc1af64d
Subnet ARN
arn:aws:ec2:eu-north-1:271583274200:subnet/subnet-062d6cc40bc1af64d
State
Available
Block Public Access
Off
IPv4 CIDR
10.0.96.0/19
Available IPv4 addresses
8187
IPv6 CIDR
IPv6 CIDR association ID
Availability Zone
VPC
vpc-089a7a203267cb7fc | Balu
Route table


(1) Chat | Azeem Shaik | Micros
RouteTables | VPC | eu-north-1
Create VPC steps
Create VPC steps
eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#RouteTables:
Apps
Aja Outlook
Aja Teams
Aja Microsoft 365
EC2 Instance Conne...
github
Dura.run
Mail - Bala Surya Kir...
Aja CT-LMS
aws
Search
[Alt+S]
Europe (Stockholm)
Account ID: 2715-8327-4200
Bala
VPC
Route tables
VPC dashboard
AWS Global View
Filter by VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
NAT gateways
Peering connections
Route servers
Security
Network ACLs
Route tables (1/5) 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
Main
VPC
– rtb-0643ec2529d95d200 – – Yes vpc-089a7a203267cb7fc | Bal
bala-rt-public-a rtb-0335b7c5bd4ba83ca – – No vpc-089a7a203267cb7fc | Bal
bala-rt-public-B rtb-0a78b82746c1cbdc5 – – No vpc-089a7a203267cb7fc | Bal
bala-rt-public-C rtb-0e72f1f55e3023538 – – No vpc-089a7a203267cb7fc | Bal
rtb-0335b7c5bd4ba83ca / bala-rt-public-a
Details
Routes
Subnet associations
Edge associations
Route propagation
Tags
Details
Route table ID
rtb-0335b7c5bd4ba83ca
Main
No
Explicit subnet associations
–
Edge associations
–
VPC
vpc-089a7a203267cb7fc | Balu
Owner ID
271583274200
CloudShell
Feedback
Console Mobile App
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Sunset coming
5:41 pm
Search
ENG
IN
16:57:44
09-12-2025