

STEP 1: Create VPC

Open **AWS Console**

Go to **VPC**

Click **Your VPCs** → **Create VPC**

Choose:

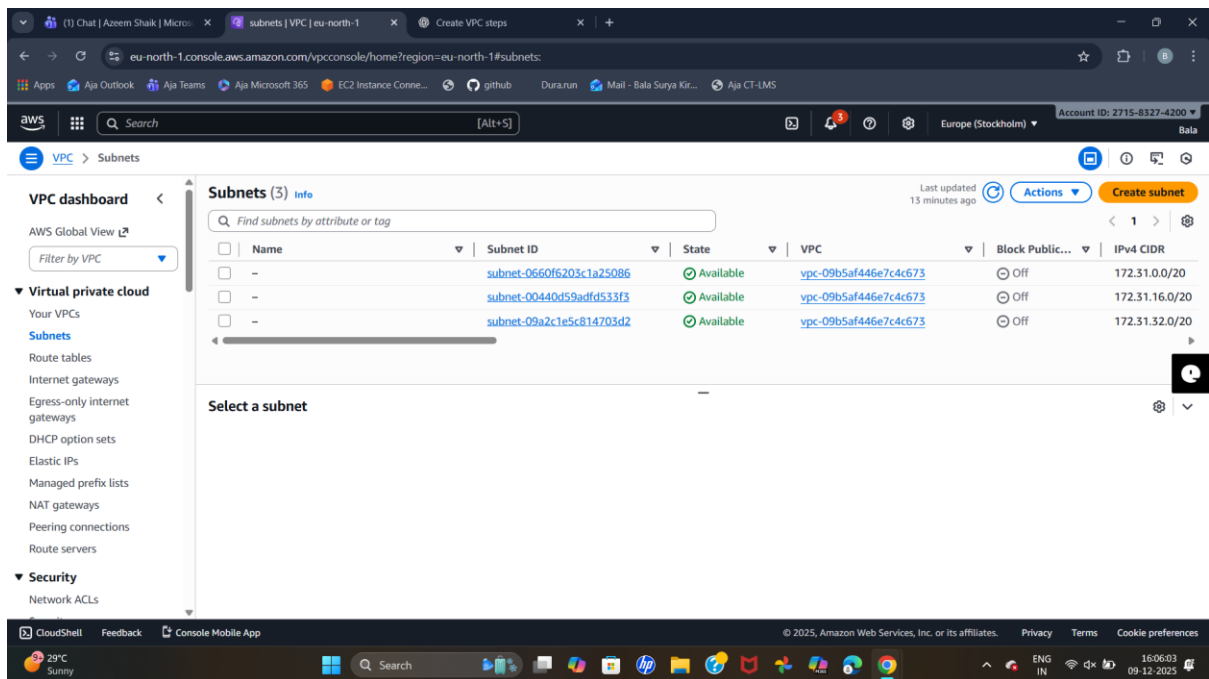
Resources to create: VPC only

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)

The screenshot displays the AWS Management Console interface. The top navigation bar shows the user is logged in as 'Bala' with account ID '2715-8327-4200' in the 'Europe (Stockholm)' region. The main content area is the 'VPC dashboard' for the 'eu-north-1' region. A green notification banner at the top states: 'You have successfully created 1 subnet: subnet-050b75366b39b3667'. Below this, the 'Subnets (1)' section shows a table with one entry: 'subnet-A' with ID 'subnet-050b75366b39b3667', state 'Available', VPC 'vpc-089a7a203267cb7fc | Balu', and IPv4 CIDR '10.0.0.0/24'. The left sidebar lists various VPC services under 'Virtual private cloud' and 'Security'. The bottom section of the image shows the 'Details' page for 'subnet-03b360f355edd6554 / subnet-B'. This page provides comprehensive information about the subnet, including its ID, ARN, IPv4 CIDR (10.0.64.0/20), Availability Zone (eu-north-1b), Network ACL, and various settings like 'Block Public Access' (Off), 'Route table', and 'Auto-assign public IPv4 address' (No). The 'Details' section is organized into four columns: Subnet ID, Subnet ARN, State, and Block Public Access. Below the details, there are tabs for 'Flow logs', 'Route table', 'Network ACL', 'CIDR reservations', 'Sharing', and 'Tags'.

VPC dashboard

Subnets (1)

Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR
subnet-A	subnet-050b75366b39b3667	Available	vpc-089a7a203267cb7fc Balu	Off	10.0.0.0/24

subnets-03b360f355edd6554 / subnet-B

Details

Subnet ID	Subnet ARN	State	Block Public Access
subnet-03b360f355edd6554	arn:aws:ec2:eu-north-1:271583274200:subnet/subnet-03b360f355edd6554	Available	Off
IPv4 CIDR	Available IPv4 addresses	IPv6 CIDR	IPv6 CIDR association ID
10.0.64.0/20	4091	-	-
Availability Zone	Network border group	VPC	Route table
eu-north-1b	eu-north-1	vpc-089a7a203267cb7fc Balu	-
Network ACL	Default subnet	Auto-assign public IPv4 address	Auto-assign IPv6 address
-	No	No	No
Auto-assign customer-owned IPv4 address	Customer-owned IPv4 pool	Outpost ID	IPv4 CIDR reservations
No	-	-	-
IPv6 CIDR reservations	IPv6-only	Hostname type	Resource name DNS A record
-	No	IP name	Disabled
Resource name DNS AAAA record	DNS64	Owner	
Disabled	Disabled	271583274200	

Flow logs | **Route table** | **Network ACL** | **CIDR reservations** | **Sharing** | **Tags**

Chat | Azem Shaik | Micro...

VPC | eu-north-1

Create VPC steps

Create VPC steps

eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#SubnetDetails:subnetid=subnet-0619ed1a87961ba2e

AppsAja OutlookAja TeamsAja Microsoft 365EC2 Instance Conne...githubDura.runMail - Bala Surya Kir...Aja CT-LMS

Search[Alt+S]

Europe (Stockholm)Account ID: 2715-8327-4200Bala

VPCSubnetssubnet-0619ed1a87961ba2e

VPC dashboardAWS Global ViewFilter by VPC

Virtual private cloudYour VPCsSubnetsRoute tablesInternet gatewaysEgress-only internet gatewaysDHCP option setsElastic IPsManaged prefix listsNAT gatewaysPeering connectionsRoute servers

SecurityNetwork ACLs

Details

Subnet ID
subnet-0619ed1a87961ba2e

IPv4 CIDR
10.0.32.0/19

Availability Zone
eu-n1-az3 (eu-north-1c)

Network ACL
-

Auto-assign customer-owned IPv4 address
No

IPv6 CIDR reservations
-

Resource name DNS AAAA record
Disabled

Subnet ARN
arn:aws:ec2:eu-north-1:271583274200:subnet/subnet-0619ed1a87961ba2e

Available IPv4 addresses
8187

Network border group
eu-north-1

Default subnet
No

Customer-owned IPv4 pool
-

IPv6-only
No

DNS64
Disabled

State
Available

IPv6 CIDR
-

VPC
vpc-089a7a203267cb7fc | Balu

Auto-assign public IPv4 address
No

Outpost ID
-

Hostname type
IP name

Owner
271583274200

Block Public Access
Off

IPv6 CIDR association ID
-

Route table
-

Auto-assign IPv6 address
No

IPv4 CIDR reservations
-

Resource name DNS A record
Disabled

Flow logsRoute tableNetwork ACLCIDR reservationsSharingTags

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eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#subnets:

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Europe (Stockholm)Account ID: 2715-8327-4200Bala

VPCSubnets

VPC dashboardAWS Global ViewFilter by VPC

Virtual private cloudYour VPCsSubnetsRoute tablesInternet gatewaysEgress-only internet gatewaysDHCP option setsElastic IPsManaged prefix listsNAT gatewaysPeering connectionsRoute servers

SecurityNetwork ACLs

Subnets (1/9) info

Find subnets by attribute or tag

	Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR
<input type="checkbox"/>	subnet-B(public)	subnet-03b360f355edd6554	Available	vpc-089a7a203267cb7fc Balu	Off	10.0.64.0/20
<input type="checkbox"/>	subnet-C(public)	subnet-0619ed1a87961ba2e	Available	vpc-089a7a203267cb7fc Balu	Off	10.0.32.0/19
<input type="checkbox"/>	subnet-A(private)	subnet-0a311d3d75a337550	Available	vpc-089a7a203267cb7fc Balu	Off	10.0.80.0/22
<input type="checkbox"/>	subnet-B(private)	subnet-08995ad8d8036ef9	Available	vpc-089a7a203267cb7fc Balu	Off	10.0.84.0/23
<input checked="" type="checkbox"/>	subnet-c(private)	subnet-062d6cc40bc1af64d	Available	vpc-089a7a203267cb7fc Balu	Off	10.0.96.0/19

subnet-062d6cc40bc1af64d / subnet-c(private)

Details

Subnet ID
subnet-062d6cc40bc1af64d

IPv4 CIDR
10.0.96.0/19

Availability Zone
eu-n1-az3 (eu-north-1c)

Network border group

Subnet ARN
arn:aws:ec2:eu-north-1:271583274200:subnet/subnet-062d6cc40bc1af64d

Available IPv4 addresses
8187

State
Available

IPv6 CIDR
-

VPC
vpc-089a7a203267cb7fc | Balu

Block Public Access
Off

IPv6 CIDR association ID
-

Route table
-

Flow logsRoute tableNetwork ACLCIDR reservationsSharingTags

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eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#RouteTables:

AppsAja OutlookAja TeamsAja Microsoft 365EC2 Instance Conne...githubDuraunMail - Bala Surya Kir...Aja CT-LMS

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Europe (Stockholm)Account ID: 2715-8327-4200Bala

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
<input type="checkbox"/>	-	rtb-0643ec2529d95d200	-	-	Yes	vpc-089a7a203267cb7fc Bali
<input checked="" type="checkbox"/>	bala-rt-public-a	rtb-0335b7c5bd4ba83ca	-	-	No	vpc-089a7a203267cb7fc Bali
<input type="checkbox"/>	bala-rt-public-B	rtb-0a78b82746c1cbd5	-	-	No	vpc-089a7a203267cb7fc Bali
<input type="checkbox"/>	bala-rt-public-C	rtb-0e72f1f55e3023538	-	-	No	vpc-089a7a203267cb7fc Bali

rtb-0335b7c5bd4ba83ca / bala-rt-public-a

Details

Routes

Subnet associations

Edge associations

Route propagation

Tags

Route table ID

rtb-0335b7c5bd4ba83ca

VPC

vpc-089a7a203267cb7fc | Balu

Main

No

Owner ID

271583274200

Explicit subnet associations

-

Edge associations

-

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Sunset coming 5:41 pm

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