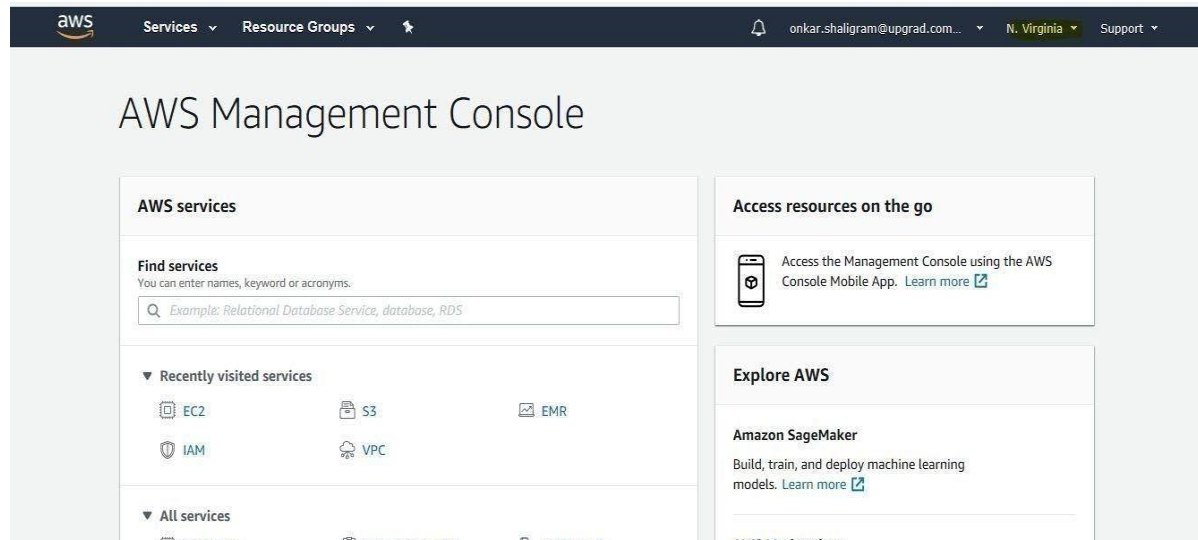
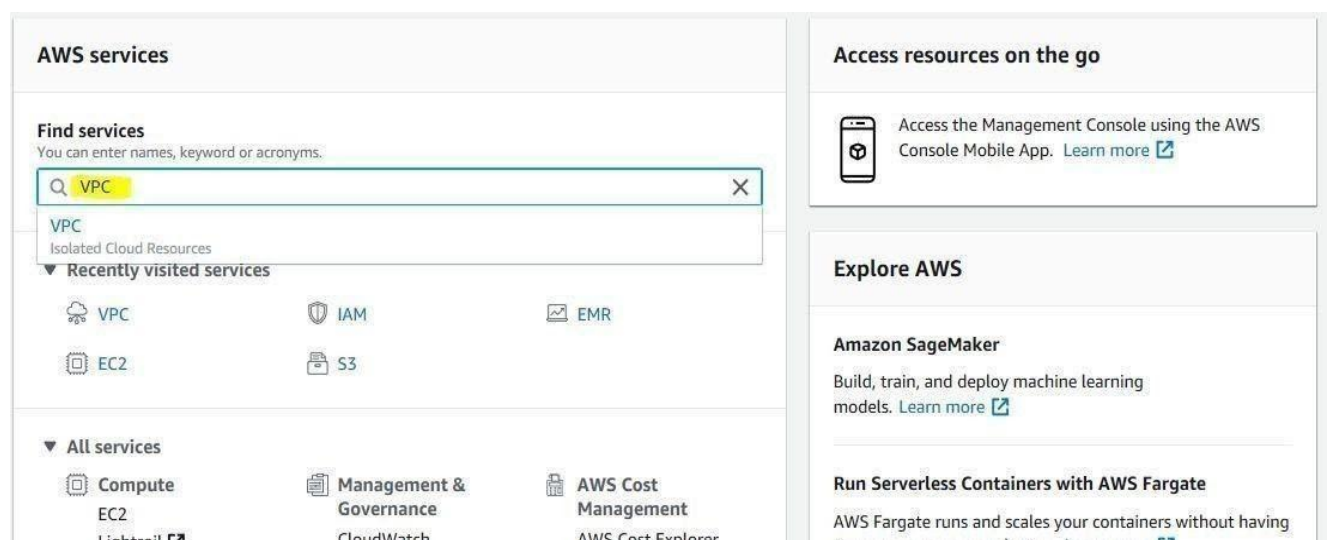


1. Enter your AWS Console using NuvePro dashboard.
2. You will see AWS Console Home, which will look like the following image: (**Set** the Region to **N.Virginia**)



3. In the **search** tab section, type “**VPC**”. Click on enter.



4. Now, VPC dashboard opens. **Click** on “**Launch VPC Wizard**”

The screenshot shows the AWS VPC Dashboard. At the top, there's a navigation bar with 'Services' and 'Resource Groups'. Below it, the 'Launch VPC Wizard' button is highlighted with a red arrow. The dashboard displays a list of VPC resources by region (N. Virginia), including VPCs, NAT Gateways, Subnets, VPC Peering Connections, Route Tables, Network ACLs, Internet Gateways, and Security Groups. On the right, there's a 'Service Health' section showing the status of Amazon EC2 - US East (N. Virginia) as 'Service is operating normally'. Below that, there's an 'Account Attributes' section and an 'Additional Information' section with links to VPC Documentation, All VPC Resources, Forums, and Report an Issue.

5. **Click** on “**Select**”.

The screenshot shows the 'Step 1: Select a VPC Configuration' screen in the AWS VPC Wizard. On the left, there are three configuration options: 'VPC with a Single Public Subnet' (selected), 'VPC with Public and Private Subnets', and 'VPC with a Private Subnet Only and Hardware VPN Access'. The selected option is described as: 'Your instances run in a private, isolated section of the AWS cloud with direct access to the Internet. Network access control lists and security groups can be used to provide strict control over inbound and outbound network traffic to your instances. Creates: A /16 network with a /24 subnet. Public subnet instances use Elastic IPs or Public IPs to access the Internet.' A diagram on the right shows a 'Public Subnet' connected to the 'Internet, S3, DynamoDB, SNS, SQS, etc.' cloud. A 'Select' button is visible next to the diagram. At the bottom right, there is a 'Cancel and Exit' link.

6. **Give** the “VPC Name” as “**upgrad_vpc**” and keep all other settings unchanged.

Step 2: VPC with a Single Public Subnet

IPv4 CIDR block:*	<input type="text" value="10.0.0.0/16"/>	(65531 IP addresses available)
IPv6 CIDR block:	<input checked="" type="radio"/> No IPv6 CIDR Block <input type="radio"/> Amazon provided IPv6 CIDR block <input type="radio"/> IPv6 CIDR block owned by me	
VPC name:	<input type="text" value="upgrad_vpc"/>	

Public subnet's IPv4 CIDR:*	<input type="text" value="10.0.0.0/24"/>	(251 IP addresses available)
Availability Zone:*	<input type="text" value="No Preference"/>	
Subnet name:	<input type="text" value="Public subnet"/>	

You can add more subnets after AWS creates the VPC.

Service endpoints	<input type="button" value="Add Endpoint"/>
-------------------	---

Enable DNS hostnames:*	<input checked="" type="radio"/> Yes <input type="radio"/> No
Hardware tenancy:*	<input type="text" value="Default"/>

7. **Click** on the “**Create VPC**” button and your VPC will be created, now click on **ok**.

1 a Single Public Subnet

block:* 10.0.0.0/16 (65531 IP addresses available)

IPv6 block: ☒ No IPv6 CIDR Block
☐ Amazon provided IPv6 CIDR block
☐ IPv6 CIDR block owned by me

VPC name: upgrad_vpc

CIDR:* 10.0.0.0/24 (251 IP addresses available)

Availability Zone:* No Preference

Subnet name: Public subnet

You can add more subnets after AWS creates the VPC.

Endpoints

Add Endpoint

Assign Elastic IP addresses: ☒ Yes ☐ No

Subnet: Default

Cancel and Exit

Back

Create VPC

8. VPC is created successfully.

Your VPCs (4) [Info](#)

Filter VPCs

Actions ▾

Create VPC

< 1 > ⚙

<input type="checkbox"/>	Name ▾	VPC ID ▾	State ▾	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	upgrad_vpc	vpc-04ae0ba72672f7c0a	✓ Available	10.0.0.0/16	-

Now we need to create the new security group inside our VPC.