

## AWS TASK-3

### Create VPC

#### 1. Creating a VPC and providing private connection.

The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'VPC dashboard' is selected in the left-hand navigation menu. The main content area displays 'Your VPCs (2)' with a table listing two VPCs:

Name	VPC ID	State	Block Public...	IPv4 CIDR
-	<a href="#">vpc-051edcd2dd312e890</a>	Available	Off	172.31.0.0/16
sowmiyavpc-vpc	<a href="#">vpc-0f7dd838d7c8c99ec</a>	Available	Off	10.0.0.0/16

Below the table, there is a section titled 'Select a VPC above' with three icons for further actions. The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock indicating 09:58 on 24-01-2025.

#### Creating EC2 with the Created VPC

The screenshot shows the 'Launch an instance' wizard in the AWS Management Console. The 'Network settings' section is expanded, showing the following configuration:

- VPC - required:** vpc-0f7dd838d7c8c99ec (sowmiyavpc-vpc) with CIDR 10.0.0.0/16.
- Subnet:** subnet-07190b1d3efe8fa60 (sowmiyavpc-subnet-private1-ap-south-1a) with CIDR 10.0.128.0/20.
- Auto-assign public IP:** Disabled.
- Firewall (security groups):** New security group.

The 'Summary' section on the right shows the following details:

- Number of instances:** 1
- Software Image (AMI):** Debian 12 (20240717-1811) with ID ami-03c68e5248d7488f.
- Virtual server type (instance type):** t2.micro
- Firewall (security group):** New security group
- Storage (volumes):** (Empty)

At the bottom of the wizard, there are buttons for 'Cancel', 'Launch instance', and 'Preview code'. The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock indicating 09:59 on 24-01-2025.

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ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances: [Alt+S] Asia Pacific (Mumbai) Sowmiya

Dashboard<EC2 Global ViewEvents▼ InstancesInstancesTypesLaunch TemplatesSpot RequestsSavings PlansReserved InstancesDedicated HostsCapacity Reservations▼ ImagesAMIsAMI Catalog▼ Elastic Block StoreCloudShellFeedback

Instances (1) InfoLast updated less than a minute agoConnectInstance stateActionsLaunch instances

Find Instance by attribute or tag (case-sensitive)All states< 1 >⚙

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input type="checkbox"/>	sowmiyac2	i-0b3f0660781c253d3	Pending	t2.micro	-	View alarms +

Select an instance=⚙▼

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