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Subject - Cloud Computing Lab
Code - PCS451

Q-1 - Write the necessary steps with the output screenshot to create VPC (Virtual Private Cloud)?

Ans-1 - 1 - Open the Amazon VPC Console.
2 - In the navigation pane, click VPC Dashboard. If you do not already have any VPC resources, locate the Your Virtual Private Cloud area of the dashboard and click Get started creating a VPC. Otherwise, click Start VPC Wizard.
3 - Select the second option, VPC with a Single Public Subnet, and then click select.
4 - Enter the following information into the wizard and click Create VPC.

IP CIDR block
10.0.0.0/16

VPC name
ADS VPC

Public Subnet
10.0.0.0/24

Availability zone
No Preference

Subnet name
ADS Subnet 1

Enable DNS hostnames
Leave default selection

Hardware tenancy
Default

5- It takes several minutes for the VPC to be created. After the VPC is created, proceed to the following section to add a second subnet.

[VPC](#) > [Your VPCs](#) > [Create VPC](#)

Create VPC [info](#)

A VPC is an isolated portion of the AWS cloud populated by AWS objects, such as Amazon EC2 instances.

VPC settings

Route tag - optional

Enter a tag with a key of Route and a value that you specify.

IPv4 CIDR Block [info](#)

IPv6 CIDR Block [info](#)

☒ **Use IPv6 CIDR Block**

- ☐ Amazon provided IPv6 CIDR Block
- ☐ IPv6 CIDR provided by me

Tenancy [info](#)

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VPC Dashboard

Filter by VPC

Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Your VPCs (1/2)

Filter VPCs

Actions

Create VPC

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
myvpc	vpc-0c74da8f988bd529b1	Available	10.0.0.0/16	-
-	vpc-e8151a41	Available	172.31.0.0/16	-

vpc-0c74da8f988bd529b1 / myvpc

DetailsCIDRFlow logsTags