**VPC – VIRTUAL PRIVATE CLOUD**

A virtual private cloud (VPC) is **a virtual network dedicated to your AWS account**. It is logically isolated from other virtual networks in the AWS Cloud. You can launch your AWS resources, such as Amazon EC2 instances, into your VPC.

1. Search VPC service in AWS Console.

A screenshot of a computer

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1. In VPC navigation panel, click Your VPC .
2. In your VPC, choose Create VPC option.

Graphical user interface, text, application

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1. VPC dialog box opens, with only VPC & VPC with subnets.

Graphical user interface, text, application, email

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1. Set Tag name and IPv4 CIDR Block is set as IP.

Graphical user interface, text, application, email

Description automatically generated

1. Choose Availability zone with public & private subnets.
2. Next choose the NatGateway & Dns end point as per needs.

Graphical user interface, text, application

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1. Once set, click create VPC.
2. VPC has been Created successfully.

Graphical user interface

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1. Next we create Subnets. Choose Subnets in the Navigation panel.

Graphical user interface, application

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1. Choose Route Tables in the Navigation Panel, that shows created tables.

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1. Next Create one EC2 Instance and add all the VPC to the Instance.

Graphical user interface, application

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1. Give some Name to the Instance.

Graphical user interface, text, application

Description automatically generated

1. Select AMI Instance in the below.

Graphical user interface, text, application, email

Description automatically generated

1. Choose Instance Type & key pair.

Graphical user interface, text, application, email

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1. In Network Settings, select the Created VPC setup.

Graphical user interface, text, application, email

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1. Once we set all, launch Instance.

Graphical user interface, application

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1. Finally, created VPC and attached to EC2 Instances.

Text

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