7.(a) To Create your own VPC

(b)To launch Windows instance in private Subnet under your VPC

**7(a).**

AIM: To set up own vpc in AWS account.

PROCEDURE:

1.login to AWS

2.once login to AWS successfully,click on services at the upper left corner.

3.From the services Tab → Select Networking & content Delivery → Select Vpc→ then select your VPC → click on create vpc

4.Specify your VPC nam nd CIDR (classess inter Domain Routing),here we are using the following:

-->VPC Name = HYDVPC

-->IPV4 CIDR= 192.168.0.0/16

5.CLick on “Yes,Create” Option

6.Vpc is created ,Review it.

7.As soon as we create VPC, aws create the following:

A.Route table

B.Network ACLs

C.Security group

**7(b)**

**AIM:**To launch Windows instance in private Subnet under your VPC

Procedure:

1.go to vpc dashboard → Internet Gateway

2.click on create internet Gateway button

3. On Create Subnet, page:

Name tag: hyd-pvt-subnet

VPC: HYDVPC

VPC CIDRs: 192.168.0.0/16

Availability Zone: No preferences

IPV4 CIDR block: 192.168.20.0/24

Click on Yes Create button

4. Verify a Hyd-pvt-subnet got created under subnet list

5. AWS Console a Services EC2 Click on Instance

6..Select IAM Microsoft windows server 2012 Base -ami-a1c1ddd8 free tier eligible.

7.On the Choose an Instance Type a Select General purpose t2.micro

8.Click on Next Configure Instance Details button

9.On the Configure Instance Details page

Number of instances a 1

Network a HYDVPC

Subnet a hyd-pvt-subnet

Auto-assign Public IP a Disable

Click on Next: Add Storage button

10.On the Add storage page Take default values

11.Click on Next: Add tags button Click on Add tag button

For Key a Name

For Value a Winpvtm

Click on Next: Configure Security Group

12. On the Configure security group page take default values

13.Click on Review and Launch

14.Select Choose an existing key pair

Key Pair name winkey

Select I acknowledge check box Click on Launch Instance button

15.Verify the instance is Running with added configuration.