Class 5

Vpc

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Subnets

|

Internet gate way (attach to VPC)

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Routing table ------------->(contains subnets of attached VPC, route to vpc and IGW)

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Security groups

For every ec2 instance there is “DNS Name (Domain Name System) or FQDN (Fully Qualified Domain Name)” [when we enable ‘DNS hostnames’ in vpc and ‘modify ip settings’ in subnets the ‘ipv4 public ip’ of ec2 instance will be attached to vpc]

Till now Vpc setup is created, now we have to launch instance

Key pairs (pem file)

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Ec2

|

Launch instance (vm ware)

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Puttygen(convert pem to ppk file)

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Putty (copy DNS name and attach ppk)

Python Program in putty

For I in {1..10}

Do

Echo “welcome to $ i”

Done

Commands to use nginx web server:

Yum update (to update packages of nginx web server)

Yum install -y nginx (to install nginx web server)

Service nginx start

(copy and paste instance DNS name in URL to see nginx web page)

To edit web page, go to

Nano /user/share/nginx/html/index.html

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Yum install -y cowsay (to install cowsay web server)

Cowsay “Welcome to AWS”

For I in {1..10}

Do

Cowsay “Welcome to AWS $i times”

Echo “###################################”

Sleep1

Done

Add new user like “ec2-user”

Useradd -m Dheeraj (here Dheeraj is a user name)

Passwd Dheeraj

Putty dheeraj@

(password don’t allow)

Go back to ec2-user console

Nano /etc/ssh/sshd\_config

Passowd authentication yes

Service sshd restart