Cloud Computing Assignment-2

Q1] Create EC2 Instance.

Step-1 - Sign in to AWS management Console and open Amazon EC2 console

Step 2. Choose EC2 dashboard and then Choose Launch instance.

Step 3 - Choose the Linux AMI

Step 4 - Choose the t2 Microtypes and then Choose next configuring instance details

Step 5 - on configure Instance details page shown following set these values and then the other values as their defaults.

Network :- Choose the VPC with both public and private Subnets that you choose for PB instance such as the VPC identifier tutorial VPC

Subnet - Choose one existing public Subnet such as US-west-2a auto Assign public IP

Step-6 - Choose next add Storage

Step 7 - on the Add Storage page keep the default values and Choose next add tags

Step 8 - On the add tag page Choose Add key then enter Name key and enter tutorial web server for value.

Step 9 - Choose next Configure Security group

Step 10 - On the Configure Security group page. Choose select an existing Security group then Choose an existing security group such as tutorial security group

Step-11 - Choose Review and launch

Step 12 - On the Review instance launch page verify your setting and Choose Launch

Step 13 - On the Select an existing key pair or Create a new key pair page. Choose a new key pair name to tutorial key pair

Step 14 - Choose download key pair and save the key pair file on the local machine you use this key pair file to connect your EC2 instance

Step 15 - To launch your EC2 instance Choose launch instance on the Launch Status page note the default for your new EC2 instance

Step 16 – Choose new instance to find your instance.

Step 17 – Wait until Instance Status for your instance reads as running before continuing

(Q2) Connect to windows Instance

Step 1 Open the Amazon EC2 Console

Step 2 – In the navigation pane, select Instance select the instance and then choose connect

Step 3 – In Connect to instance page, choose Rdp Client and then Choose get Password

Step 4 – Choose browse and navigate to private key file you created when you launched the instance select the file and choose open to copy entire contents of the file to page.

Step 5 Choose decrypt password the console displays the default admin password for instance in password replacing the get password link save password at safe place needed to connect the instance.

Step 6 - Choose download remote desktop file. your browser prompts you to either open or save the RDP Shortcut file. Click Cancel to return the instance page

Step 7 - Navigate to your downloads directory and open the RDP Shortcut file

Step 8 - You might get warning that the publisher of the remote connection is unknown.

Step 9 - The administrator account is Choosen by default - Copy and paste password that you saved previously

Step 10 - Due to the nature of self signed certificates you might get warning that the security certificate could not be verified

3] Connect the Linux Instance

→ Step 1 - In a terminal window, use the ssh command to connect to the instance you specify the path and filename of the private key (pem) the username for your instance and public DNS name IPV6 address for your instance

To connect your instance, use one of the below commands, to connect using your instanstance public DNS Name, enter

SSh-i (path) my-key pair my instance user name my instance-public-dns-name

Step2: Varify that the fingerprint in the security alert matches the fingerprint that you previously obtained in, Get-instance fingerprint if dont match someone might be attempting a man to the middle attack. If they match continue to next step

Step3 → Enter yes

Q4) Creat S3 Bucket

Step1. Sign in to Amazon AWS

Step2: Under Storage and Content delivery Choose S3 to open the Amazon S3 console

Step3: from Amazon S3 console dashboard Choose create bucket

Step4 → In Create a bucket type a bucket name in bucket name. The bucket name you choose must be globaly unique across all existing bucket names in Amazon S3

Step 5- In Region, Choose one.
Step 6- Choose Create

[85] Send an Email using SES

Step 1 - Sign in to the AWS management console and open the Amazon SES console

Step 2 - In the navigation done of Amazon SES Console under Identity management Choose Email

Step 3 - In the list of identities select the checkbox of an email address that you have successfully verified with Amazon SES

Step 4 - Choose Send a test Email

Step 5 - In send test Email dialog box for Email format Choose Raw

Step 6 - For the address type an address from the Amazon SES mailbox simulator.

Step 7 Copy and paste the following message in its entirety into the manage text box. Replacing Configuration SES Name with name of the Configuration set you created in setup Configuration set and replacing from address with the verified address you are sending this email from.

Step8:- Choose send test Email

Step9:- Repeat this procedure a few time so that you generate multiple email sending events for a few of 2 emails change the value of campaign message they to clothing do simulate sending to a different email campaign.