Assignment-3

Q:1) create ec2 instance

→ Step 1 : Sign in to the AWS management console and open the Amazon ec2 console.

2 : Choose ec2 dashboard and then choose launch instance

3 : Choose the Amazon Linux 2 AMI

4 : Choose the t2 micro type and then choose next configures instance details

5 :

5 : on the configure instance details page shown following set these values and Here the other values as their details.

Network : choose the PC with both public and private subnets that you choose for PB instance, such as the VPC identifier tutorial VPC.

subnet = choose an existing public subnet, such as us-west-24. 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 page.

Step 8 : on the Add tag page. Choose Add then enter, name, for key and enter tutorial, web-services 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 the tutorial security group.

Step 11 : Choose Review and launch

Step 12 : on the Review instance launch page. Verify your security and then choose launch.

Step 13 : on the select on existing key pair or create a new key pair page. choose a new key pair and set key pair to tutorial key pair.

Step 14 : Choose download Key pair and then save the key pair file on your local machine. use this key pair in to connect to your EC2 Instance

step 15 : To launch your EC2 Instance choose launch instance. on the launch status page note the identifier for your new EC2 Instance.

step 16 = Choose new instances to find your instance.

step 17 : wait until instance status for your instance reads as running before continuing.

Q:2 Connect to windows instance.

→ Step 1 : Open the Amazon EC2 console.

Step 2 : In the navigation pane, select instances select the instance and duth then choose connect.

step 3 : Inthe connect to instance pane, choose RDP client and then choose Get Password.

step 4 : choose Browse and navigate to the private key file you created when you launched the instance Select the file and choose open to copy the entire contents of the file to this pane.

step 5 : choose Decrypt Password. The console displays the default admin Password for the instance in Password, replacing the get Password link. Save Password at safe place. Need to connect the instances.

step 6 = Choose download remote desktop file. Your browser prompts you to either open or save the RDP Shortcut file check cancle 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 chosen by default. Copy and paste the password that you saved previously.

Step 10 : Due to nature of self signed certification you might get warning that the security certificate could not be authenticated.

Q:3 Connect to 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, username for your instance, and the public DNS name of IPV6 address for your instance.

Step

To connect your instance, use one by the following commands. To connect using instance public DNS name, enter the following command.

ssh -i /path/ my-key-pair my-instance-.user-name - my instance- public- DNS- name

Step 2 : Verify that the fingerprint in the security alert matches the fingerprint that you previously obtained in options. If Instance fingerprint If don't match someone might be attempting a man-to-the-middle attack. If they match continue to the next step.

Step 3 : Enter yes.

Q:4 Create S3 Bucket.

→ Step 1 : sign in to Amazon AWS.

Step 2 : Under storage and content delivery - choose S3 to open the Amazon S3 console.

Step 3 : from the Amazon S3 console, dashboard choose create Bucket.

Step 4 : In create a Bucket type a Bucket name in Bucket Name. The Bucket name you choose must be globally unique address all existing bucket names in Amazon S3.

Step 5 : In Region, choose oregin

Step 6 : Choose create

Q:5 Send An email using SES

→ Step 1 : signin to the AWS management console and open the Amazon SES console.

Step 2 : In the navigation Done of the Amazon SES console under identity management, Choose Email Address.

Step 3 : In the list of identities. Select the checkbox of an email addresses that you have successfully verified with Amazon SES.

Step 4 : Choose Send a Test email.

Step 5 : In the send Test email dialog box. for email format, Choose Raw.

Step 6 = for the to address : type an address from the Amazon SES mailbox simulator,

Step 7 : Copy and Paste the following message in its entirty into the message textbox, replacing configuration-SES-Name with the Name of the configuration _set you. created in setup

Configuration set and replacing from. Address with the verified address you are sending email from.

Step 8 : Choose send Test Email

Step 9 : Repeat this procedure a few times so that you generate multiple email sending events. for a fees of the emails. change the value of the complaint message type to clothing to simulate sending for a different email complaint