Assignment-2

Q1] Create EC2 Instance :-

=> Step 1 :- Sign into the AWS management console and open the amazon EC2 console.

Step 2 :- Choose EC2 dashboard & then choose launch instance

Step 3 :- Choose the Amazon Linux 2 AMI

Step 4 :- Choose the t2 micro type & the choose next configure Instance details

Step 5 :- On the configure Instance details page. Shown following Set these value & but the other value as their default.

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

Subnet :- Choose an 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 type.

Step 8 :- On the Add tags page. choose Add tag then enters name, key and enter, tutorial and Linux 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 & launch

Step 12 :- On the Review Instance Launch Page. verify your setting & then choose launch.

Step 13 :- on the select an existing key pair or create a new key pair Page choose a new key pair and set key Pair name to tutorial key Pair.

Step 14:- Choose download key pair and then save the key pair file on your local machine you use this key pair 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 view instances to find your instance.

Step 17:- Wait until instance status for your instance record as Running before continuing.

2] Connect to windows Instance.

Step 1:- Open the Amazon EC2 console.

Step 2:- In the navigation pane, select Instances select the instance and then choose Connect.

Step 3:- In the connect to instance page, choose RDP Client and then choose get password.

Step 4:- Choose Browse & navigate to the private key file you created when you launched the instance select the file and choose open to copy the entire content of the file & then paste.

Step 5:- Choose Decrypt Password. The console display the default admin Password for the instance in Password replacing the get password link Save password at safe place need 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 to the Instance Page.

Step 7:- Navigate to your downloads direction & 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 & paste the password that you saved previously.

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

03] Connect to Linux Instance.

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

To connect your instance one are by the following command

To connect using your instance Public DNS one enter the following command.

ssh -i Path my key pair.pem instance user - name@instance public dns-name.

Step 2:- Verify that the finger print in the security alert matches the fingerprint that you previously obtained in (optional) 5. Get Instances fingerprint. If don't match someone might be attempting a man-in-the-middle attack. If they match continue to the next step.

Step 3:- Enter yes.

04] Create S3 Bucket.

=) Step 1:- Sign in to Amazon Aws

Step 2:- Under storage & 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 across all exity bucket name in Amazon S3.
Step 5: In Region choose Region
Step 6: Choose Create

Q.5] 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 Pane of the Amazon SES console under Identify management choose email Addresses.
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 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 entirety into the message textbox replacing configuration SET name with the name of the configuration Set you created in setup configuration set & replacing from Address with the verified address you are sending this email from.
Step 8:- Choose send Test email
Step 9:- Repeat this procedure a few times so that you generate multiple email sending event for a few of the email change the value of the campaign message key to clothing to simulate sending for a different email campaign.