

## Assignment - 2

### Q. 1 Create EC2 Instance

1) Step 1: Sign in to the AWS Management Console and Open the Amazon EC2 Console.

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

Step 3: Choose the Amazon Linux 2 AMI.

Step 4: Choose the t2 microtypes and then choose next Configure instance details.

Step 5: On the Configure instance details page.

Show following set these values and keep the other values as their defaults.

Network :- Choose the VPC with both Public and Private Subnets that you choose for the PB instance, such as the VPC identifier 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 Standard - Add type.

Step 8: On the Add tags page, choose Add key then enter name for KEY and enter tutorial-create-service 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 settings and 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 file to connect to your EC2 instance.

Step 15:- To launch your EC2 instance, choose Launch Instances. On the Launch Status Page note the identification for your new EC2 instance.

Step 16:- Choose View Instances to find your instance.

Step 17:- wait until Instance Status for your instance reads as running before continuing.

Q. 1 Connect to windows instance.

e) 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 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 page.

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 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 directory and Open the RDP shortcut file.

Step 8: You might get a 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 Certificates you might get warning that the Security Certificate could not be authenticated.

### Q3 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 (.pem), the Username for your instance, and the Public DNS name or IP address for your instance.

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

```
ssh -i /path/to/my-keys-pair my-instance-user-name  
myinstance - public-dns-name
```

Step 2: Verify that the finger print in the security alert matches the finger print that you previously obtained in optional 2. Get instance finger print. 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~~ Enter Yes.

## Q.4 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 existing bucket names in Amazon S3.

Step 5 : In Region, Choose Oregon

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 Identity 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 and 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 events for a total of two emails. Change the value of the Campaign message key to Clothing to simulate sending it for a different email campaign.