Page No. :

Date :

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RollNo :- 12

class :- MCA-3

Subject :- Cloud Computing

# Assignment - 2

I. Create EC2 Instance :-

→ Step 1 :- Sign into Aws management Console & 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 types & then choose next configures instance details.

Step 5 :- on the Configure instance details Parse shown following set these values & help the other values as their defaults.

Network :- choose the VPC with both Public & 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 us-west-2a Auto assign Public IP.

Step 6 :- Choose Next - Add Storage

Step 7 :- on the add storage Paye, keep the default values & choose Next - Add type.

Step 8 :- on the add type Page choose Add tag then enteres, name for key & enter tutorials are be services for values

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 group such as the tutorial security group

Step 11 :- Choose Review & Launch.

Step 12 :- On the review instance launch page verify your settings & then choose launch.

Step 13 :- On the Select an existing Key Pair or Create a new Key Pair Page choose a new key pair & set key pair name to tutorial key pair

Step 14 :- Choose download Key Pair & then save the Key Pair file on your local machine. And use this Key Pair. Liu to connect to your EC2 Instances

Step 15 :- To launch your EC2 Instance choose launch instance on the launch status page note the identifies for your new EC2 instance.

Step 16 :- Choose View instances to find your instances

Step 17 :- Wait until instance status for your instance reads as running before continuing.

2. Connect to windows Instances ?

→ Step 1:- open the amazon EC2 Console.

Step 2:- In the navigation Panel, select Instances select the instance & they choose connect.

Step 3:- In the connect to instance page, chouse RDP client & then chouse get password

Step 4:- choose browse & navigate to the private key file you created when you launched the instance select the file & chouse open to copy the entire contents of the file to this page

Step 5:- choose decrypt dashboard, 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 downloaded remote desktop file. your browser prompts you to either open or save the RDP shortcut file check, cancel to return to the instance page

Step 7:- Navigate to your downloads directory & open the RDP short cut file

Step 8:- you might get a warning that the publisher of the remote connection is unknown.

step9 :- The administrator account is choosen 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.

3. 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 user name for your instance & the Public DNS name or IPV6 addresses for your instance.

- To connect your instance, use one by the following Commands: to connect using your instance Public DNS name, enter the following Commands.

-ssh -i [Path] my-keys-pair my- instance -user-namy. my instance - public -dns -name

step 2 :- Varify that the finger Print in the security alert matches the fingerPrint that you Previously obtained in (option als. 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 yes.

4. Create S3 bucket?

→ Step 1:- Sign into Amazon Aws

Step 2:- Under Storage & content delivers 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 BucketName. The bucket name you choose must be globally unique accross all existing bucket names in amazon S3. S3.

Step 5:- In Region, choose Oregon

Step 6:- choose Create

5. Send Email using SES?

→ Step 1:- Sign into the Aws management Console & open the amazon SES console

Step 2:- In the nevigation Pone of the amazon SES Console under Identify management choose Email addresses

Step 3:- In the list of identities, select the checkbox of an Email's addresses that you have successfully Varified with amazon SES.

Step 4:- Choose Send a test email.

Step 5:- In the second 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 & Paste the following message in it's entirly into the manage textbox. replacing Configuration SET-Name with the name of the configuration set you created in setup configuration set & replacing from address with the varified address you are sending this email for from

Step 8:- Choose Send test Email

Step 9:- Repeat this process date a few times so that you generate multiple email sending events for a fects of the emails. Change the value of the compaign message tag to clothing to simulate sending for a different email compaign.