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CLOUD COMPUTING ASSIGNMENT - 2

1) Create EC2 Instance

→ Step 1 : Sign into 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 micro types and then choose next configure Instance details.

Step 5 : On the Configure Instance details page shown following set these values and keep the other values as their defaults.

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 Page, choose Add key then enter name for key and enter tutorials web 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 chang 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 Setting, and then choose Lau

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.

Step 15 : To launch your EC2 Intence. choose launch instance, On the launch status Page note the Identifier for your new EC2 Intence.

Step 16 : Choose new instence to find your instence.

Step 17 :- Wait until Instence status for your Instence reads as Running before Continuing.

Q2 → Connect to Windows Instence,

→ Step 1 : Open the Amazon EC2 Console.

Step 2 : In the navigation Panel, Select instances, Select the Instence 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 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 display the default admin Password for the instance in Password, replacing the Password link. Save Password at Safe Place.

Step 6 : Choose download remote desktop file. your browser prompts you to either open or save the RDP shortcut file. Check Cancle to return to 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 the Password that you saved previously.

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

03 Connect the linux Instance

→ Step 1: In a terminal window. Use the ssh command to Connect to the instance you specify the Path and file name of the Private key the username of your instance and the Public DNS name IP+6 address for your Instance

To Connect to your instance, use one by the following Commands to Connect using your Instance Public DNS Name, enter the following Command.

ssh - Ipath Imy-keys-Pair my-instence.usa.name myinstence.Public-dns-name.

Step 2: Verify that the fingerprint in the security alert matches the fingerprint that you previously obtained in (optional), Get Instance fingerprint. If dont match someone might be attempting a man-in-the-middle-attack. If they match continue to the next step.

Step 3: Enter yes

Q4. 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.

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 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 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 address, type on address from the Amazon SES mailbox simulator.

Step 7 :- Copy and Paste the following message in its entirly into the message textbox. Replacing Configuration-Set-Name with the name of the Configuration Set 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 Process a few times so that you generate multiple email Sending events for a few of the emails. Change the value of the campaign message tag to clothing to stimulate sending for a different email campaign.