ROLL NO: 33 MCA III

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Assignment - 2

B-1 -7 Create EC2 instance.
Create instance.

Step 1: Choose an amazon machine image (AMI), Find an amazon linux 2 AMI at the top of the list and choose select.

Step 2: choose an instance type, choose: configure instance details.

Step 3: configure instance details provide the following information
- Leave number of instance at one.
- Leave purchasing option at the default setting.

Step 4: Choose next: Add storage.

Step 5: choose next: Add Tags

Step 6: make yar instance and choose next: configure security group.

Step 7: configure security group set Assign a security group to select an existing group choose the default security group to make sure that it can access yar Efs file system.
Type: ssh protocol: TCP
Port range: 22 source: Anywhere 0.0.0.0/0

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-> Choose Review and Launch

-> Choose Launch

Q-2 Connect to windows instance.

→ "

Step 1 : Open the amazone EC2 console.

Step 2 : in the navigation pane select instance. select the instance and then choose connect

Step 3 : on the connect to instance page choose the RDP client tab, and then choose Get Password

Step 4 : choose Browse and navigate to the private key (.pem) file you created when you launched the instance. select the file and choose open to copy the entire contents of the file into windows.

Step 5 : choose Decrypt password. The console display the default administrator password for the instance under password replacing the get password link shown previously.

Step 6 : choose Download remote desktop file. your browser prompts you to either open

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or save the RDP shortcut file. When you have finished downloading the file, choose cancel to return to the instance page.

Step 7: You may get a warning that the publisher of the remote connection is unknown. Choose connect to continue to connect to your instance.

Step 8: The administrator account is chosen by default copy and paste the password that you saved previously.

Step 9: Due to the nature of self-signed certificate you may get a warning that the security certificate could not be authenticate. use the following..

Q-3 -> connect to linux instance

Step 1: open your terminal and change directory with command cd, where you downloaded your pem file. in this demonstration pem file is stored in the downloads folder.

step 2: type the SSH command with this structure:

SSH -i file.pem username@ip-address

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This is explanation of command

ssh : command to use SSH protocol
-i : flag that specific an alternate identification file for public key authentication
username: username that uses your instance.
ip-address : ip address given to your instance.

Step 3: after pressing enter, a question will prompt to add the host to your known_hosts file. Type yes. This will help to recognize the host even time you're trying to connect to your instance.

Step 4: and that's it now you're logged in on your Aws instance.

8-4 Create S3 bucket
->

Step 1: sign in to the aws management.

Step 2: choose create bucket
The create bucket wizard opens.

Step 3: in Bucket name, enter a DNS-compliant name for your bucket.
The bucket name must.
-> Be unique across all of Amazon S3.
-> Be between 3 and 63 characters long.

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-> Not contain uppercase characters
-> start with a lowercase letter or number

Step 4: in Region choose the aws Region where you want the bucket to reside

Step 5: Choose create Bucket.

0-5 send an email using SES (only steps, students won't be permitted)

→ Step 1: signed up for SES and created the auth key pair needed

Step 2: I decided to go with one email address that will be used for email. So I verified the email address I wanted use with the SES

Step 3: just for kicks I verified the domain also which wasn't needed. just by chance I may need it later

Step 4: add the details to the plugins -> mail user email

Step 5: I enabled TLS and added the username and password auth details

Step 6: I updated the replay to address to the

one I verified

Step 7: Then I went to the support email address and updated it.

Step 8: ready to send email.