

## Cloud Computing Assignment :- 02

Ques: Write down steps for the following:-

1) Create EC2 instance

Ans:- The steps to create EC2 instance are:-

- Open Amazon EC2 console and choose "Launch Instance"
- In above step choose an Amazon Machine Image (AMI) at top of list and choose select.
- Choose Instance Type, choose Next: Configure Instance details.
- Configure Instance details providing information like no of instances, purchasing option, subnet, file system and user data.
- Choose Next: Add Storage
- Choose Next: Add Tags
- Name your instance and choose Next: Configure system group
- In configure security group, set assign a security group to select and an existing security group, choose the default security group to make sure that it can access your EC2 file system.
- choose 'Review' and 'Launch'
- choose Launch
- Select the check box for key pair that you created and then choose Launch Instance.

2) Connect to windows instance using RDP?

Ans:- The steps to connect your windows instance using RDP client are:-

- Open Amazon EC2 console



- In the navigation pane, select Instances. Select the instance and then choose connect.
- On the connect to instance page choose RDP client tab and then choose Get password.
- Choose Browser and navigate to private key file you created when you launched the instance. Select the file and choose to copy the entire contents of file to this window.
- Choose Decrypt Password. The console displays the default administrator password for instance under password replacing get password link shown previously. Save the password in safe place.
- Choose Download remote desktop file. Your browser prompts you to either open or save the RDP shortcut file. When you have finished downloading file, choose cancel to return to Instances page.
- Choose connect to continue to connect to your instance.
- The administrator account is chosen by default. Copy paste the password that you saved.
- Verify the identity of remote computer or simply choose yes or continue if you have the certificate.
- Finally login in as prompted using default administrator account and default administrator password that you copied previously.

Ques-2 Connect to Linux Instance?

Ans- The steps to connect to linux instance using SSH client.

- In terminal window, use ssh command to connect to instance, you specify the path and file name of private key, the user name for your instance and the Public DNS name or IPV6 address for your instance. To connect



to your instance, use one of the following commands

a) To connect using your instance's public DNS name, enter following command  
`ssh -i /path/my-key-pair.pem my-instance-username @ my-instance-public-dns-name`

b) If your instance has an IPV6 address to connected using your instance IPV6 address, enter the following command:-

`SSH -i /Path/my-key-pair-pem my-instance-user-name @my-instance-IPV6-address`

- Verify that the fingerprint in the security alert matches the fingerprint that you previously obtained in AWS instance fingerprint. If these fingerprints don't match, someone might be attempting a "man-in-the-middle" attack. If they match, continue to next step
- Enter yes.

### Weg-3 Create S3 bucket

ms:- Steps to create S3 bucket are:-

- Sign in to previous version of AWS Management console
- Under storage & Content Delivery choose S3 to open the Amazon S3 console
- From the Amazon S3 console dashboard, choose, Create Bucket
- 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
- In Region, choose Oregon

- Choose Create
- When Amazon S3 successfully creates your bucket the console displays your empty bucket in the Bucket pane.

Ques-4 Send an Email using SES?

Ans:- The steps to send an email using SES are:-

- Sign up for AWS
- Verify your email address
- Send your email first email
- Consider how you will handle bounces and the complaints
- Move out of the Amazon SES sandbox.