## Steps to execute PS script for Application Configuration

#### **DC Server**

#### Initial steps :

1. User must have access to AWS account.

#### Prerequisites: (we are installing it through powershell scripts)

**Following software should be installed:**

1. Redistributable
2. Native client
3. Mysqlodbc(32-bit)
4. AWS CLI

**Two buckets should be created in S3:**

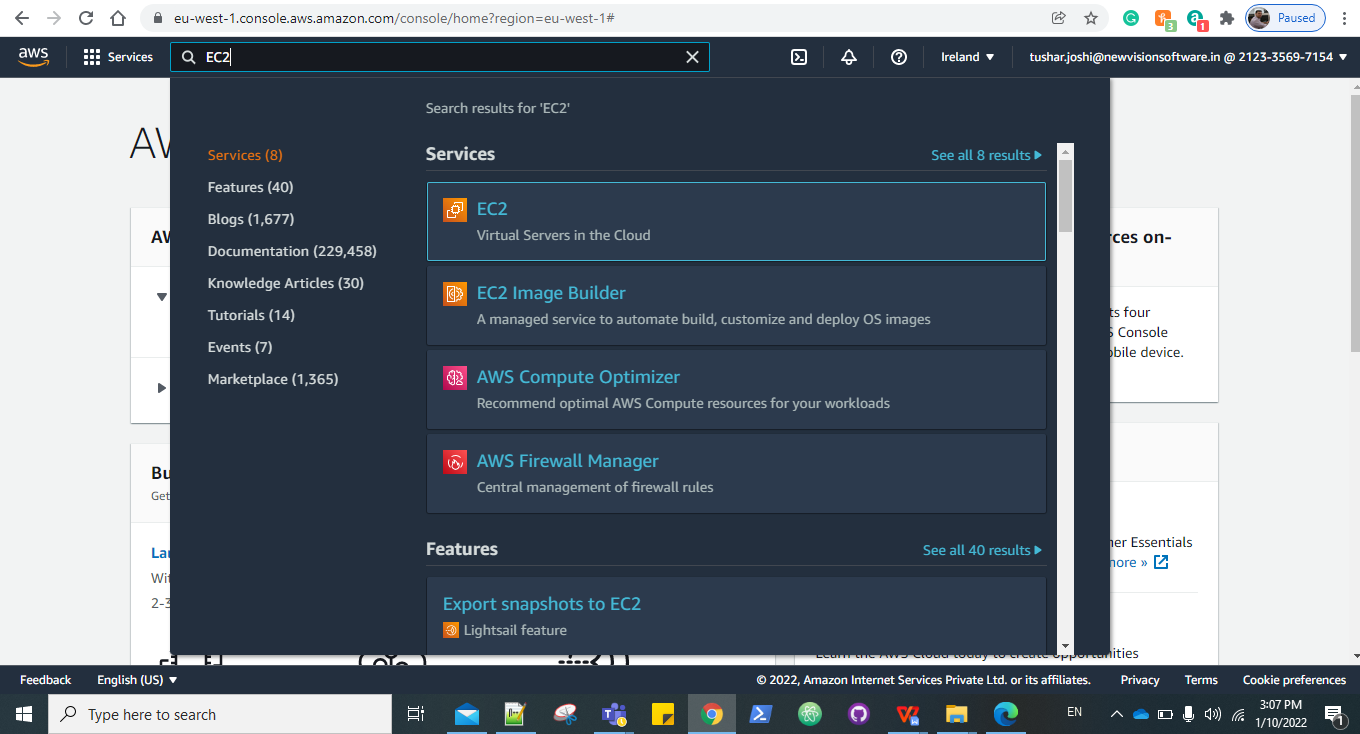
1. corecard-setup-files: where all the data of core card will be uploaded.
2. application-configuration-scripts: where all the PS scripts will be uploaded under Application\_Configuration\_server folder.

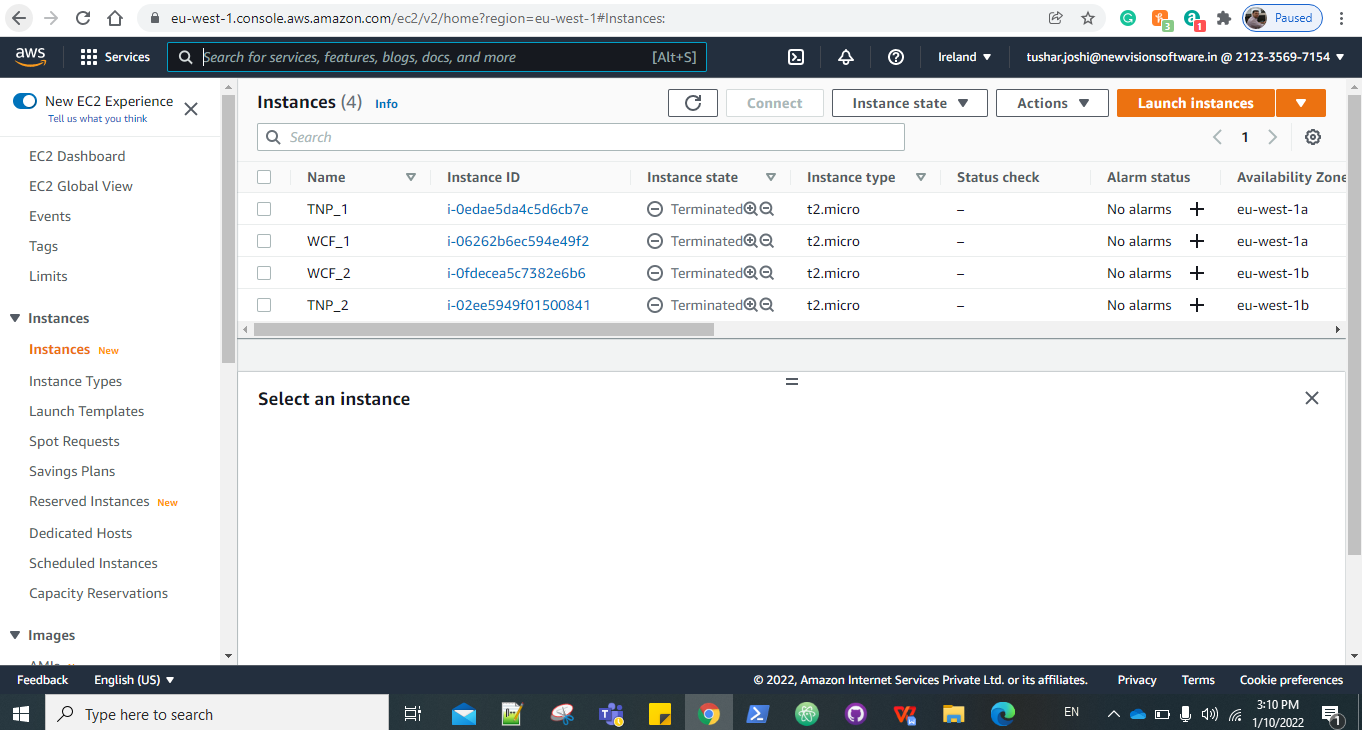
**Detailed Automation steps:**

|  |
| --- |
| 1. Drive Configuration after attachment of an EBS Volume |
| 1. Install IIS with specific windows roles and feature [AD and DNS] |
| 1. Forest Creation and adding domain details |
| 1. Create user and add role domain user and domain admin |
| 1. Set the username and password for user |
| 1. Set the dns server in client machine and connected that machine with DC server |

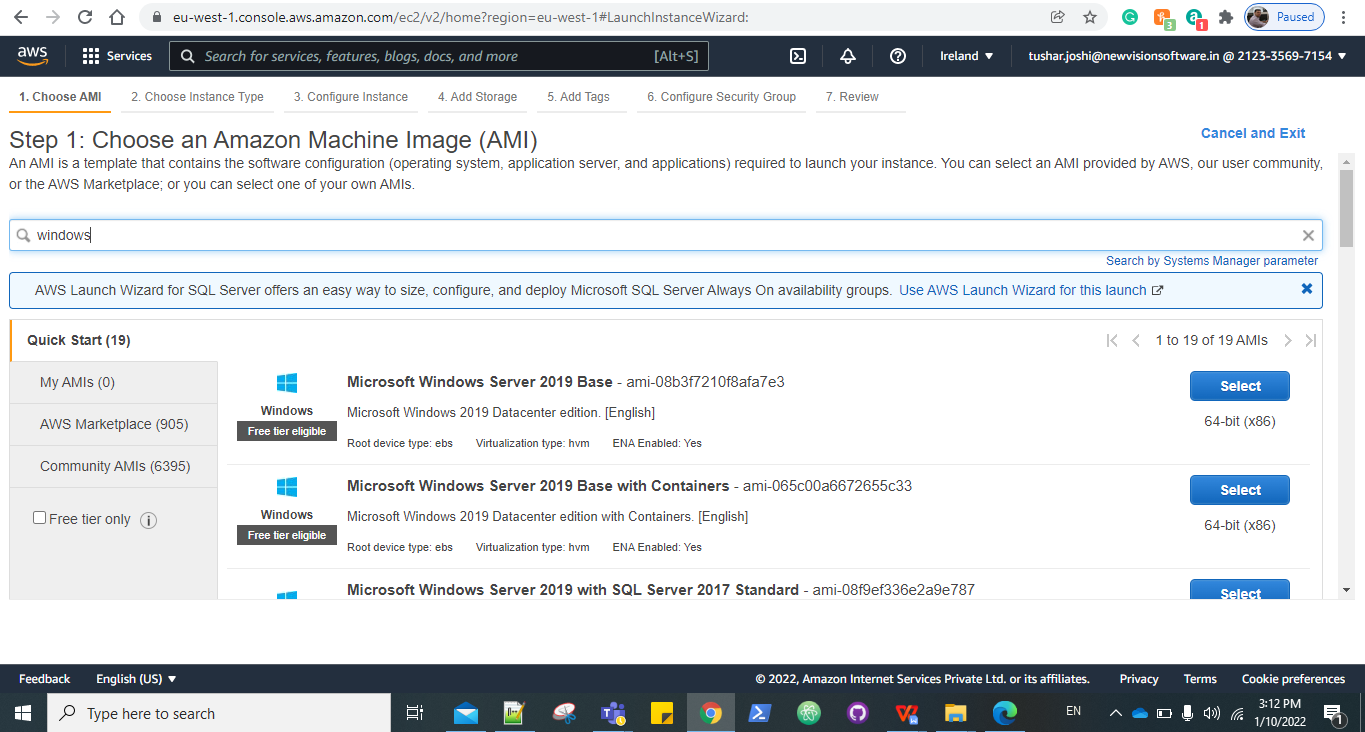
**Steps to perform:**

Step1. Search EC2 & click on EC2 and then click on launch instance

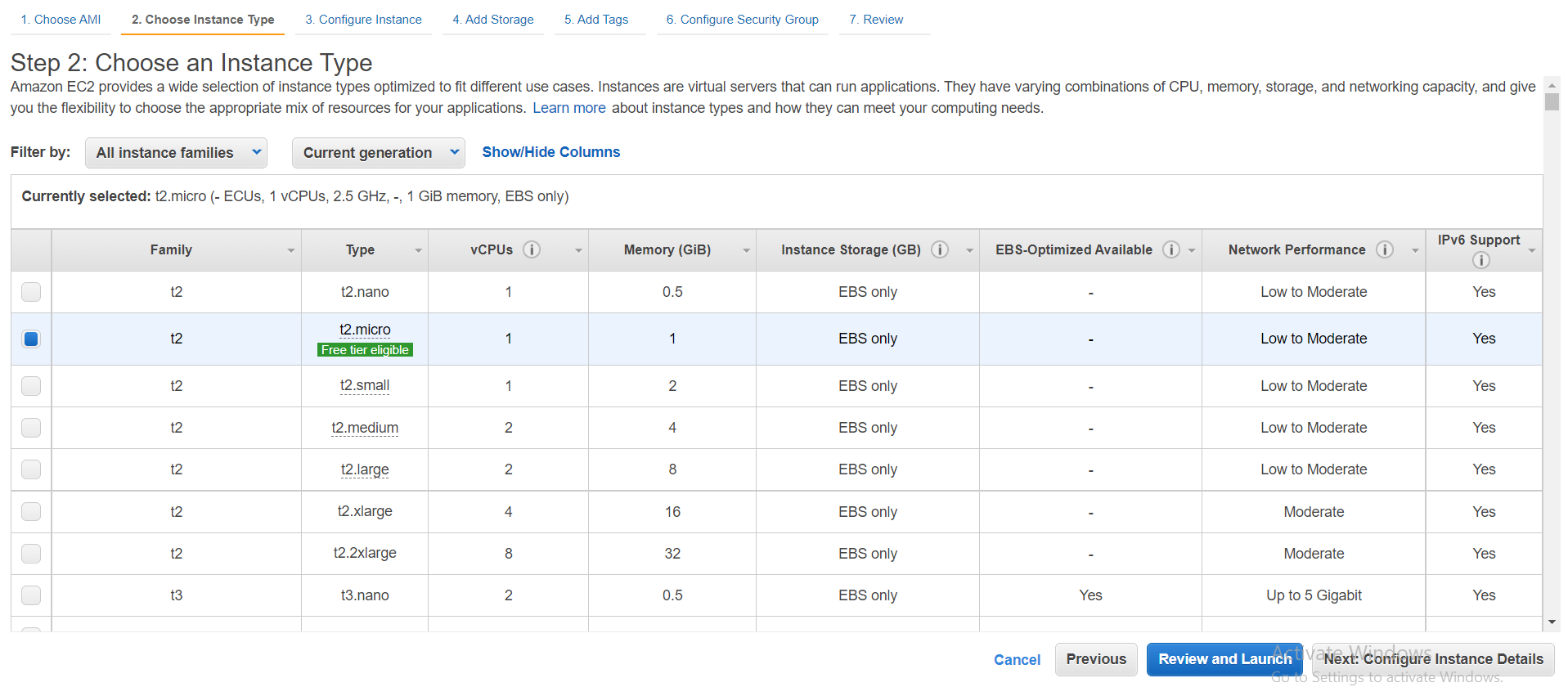




Step2.Choose Amazon machine image



Step 3: Choose an Instance Type.

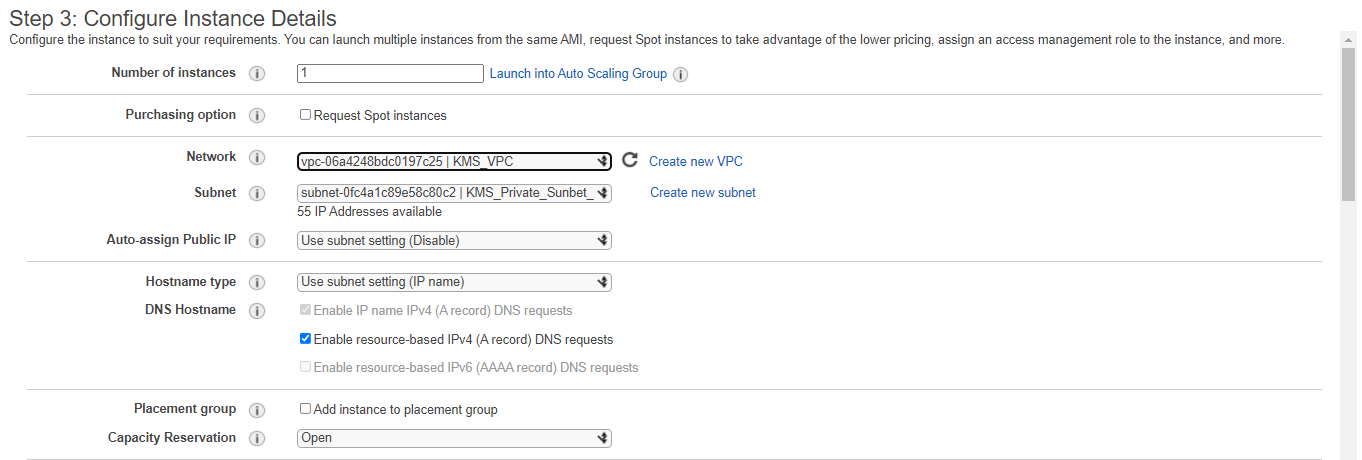


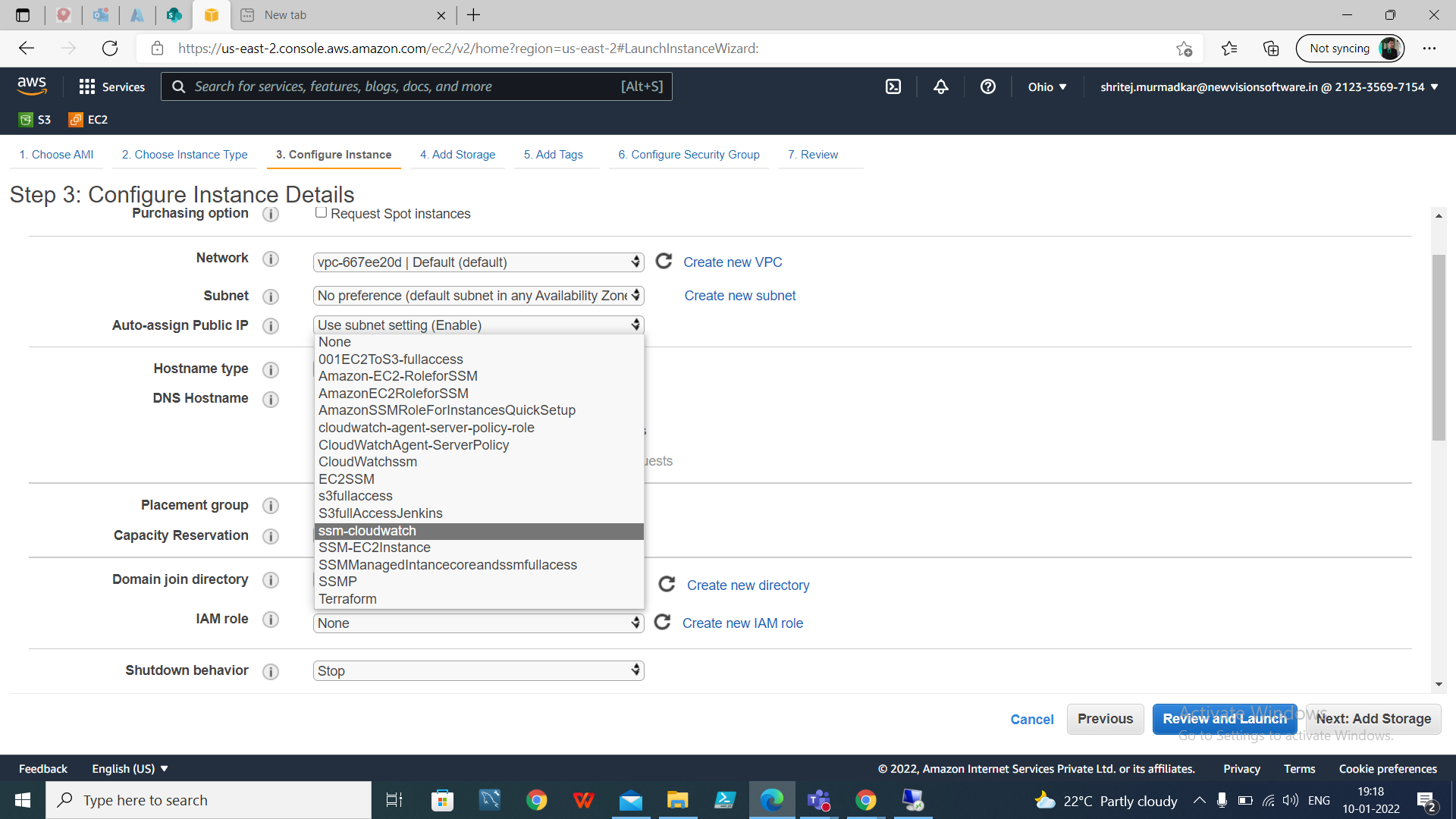
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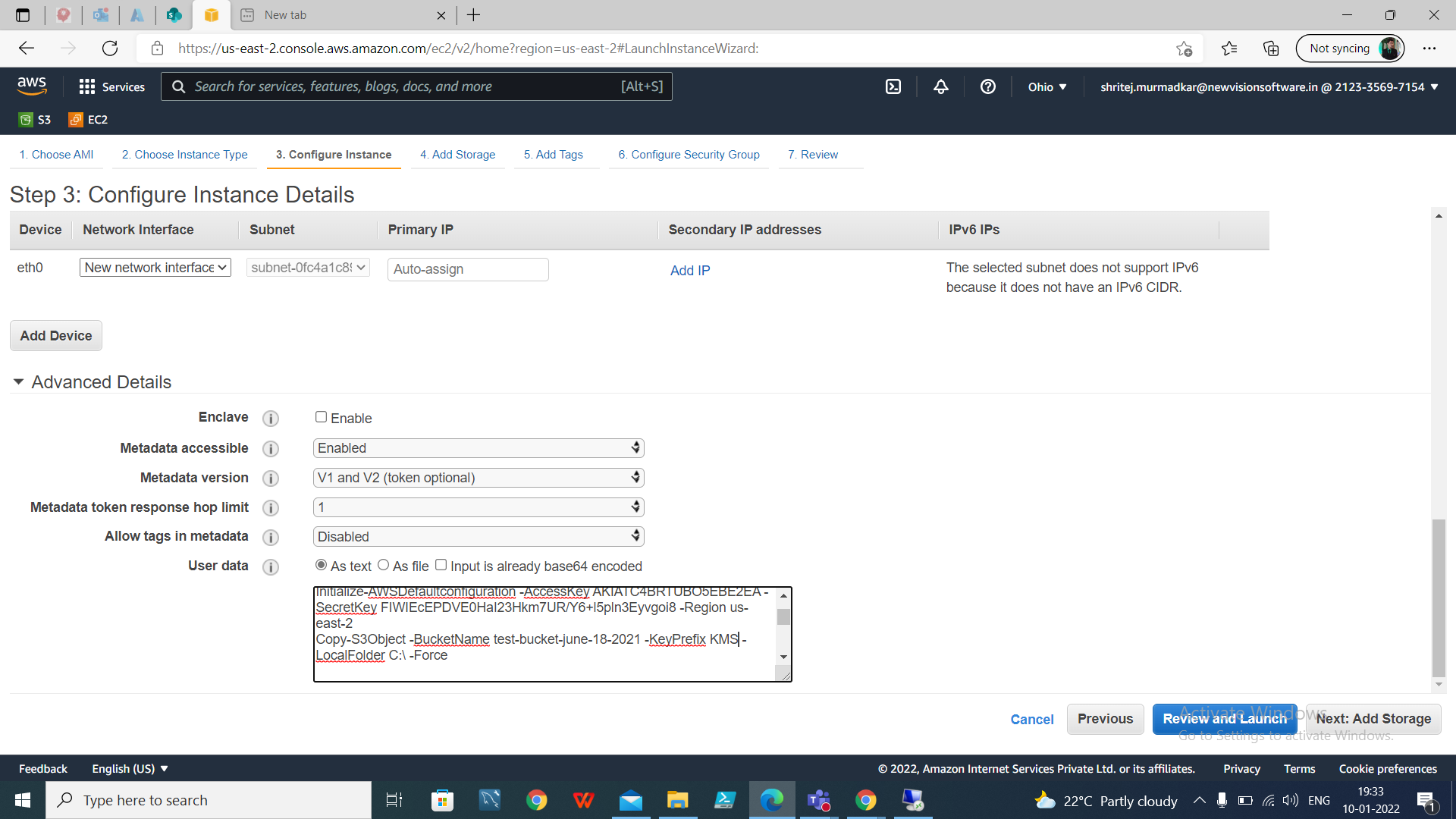
Step 4: In Configure Instance details select the no. of instances, DC\_VPC, and in user data paste the following command:

|  |
| --- |
| **<powershell>**  **#For Application\_Server**  **Initialize-AWSDefaultconfiguration -AccessKey <AccessKey> -SecretKey <SecretKey> -Region us-east-2 Copy-S3Object -BucketName application-configuration-scripts -KeyPrefix DC\_server -LocalFolder C:\ -Force**  **#Hit following command after successfully copying data from s3 bucket**  **Powershell.exe -File C:\Master.ps1 </powershell>** |

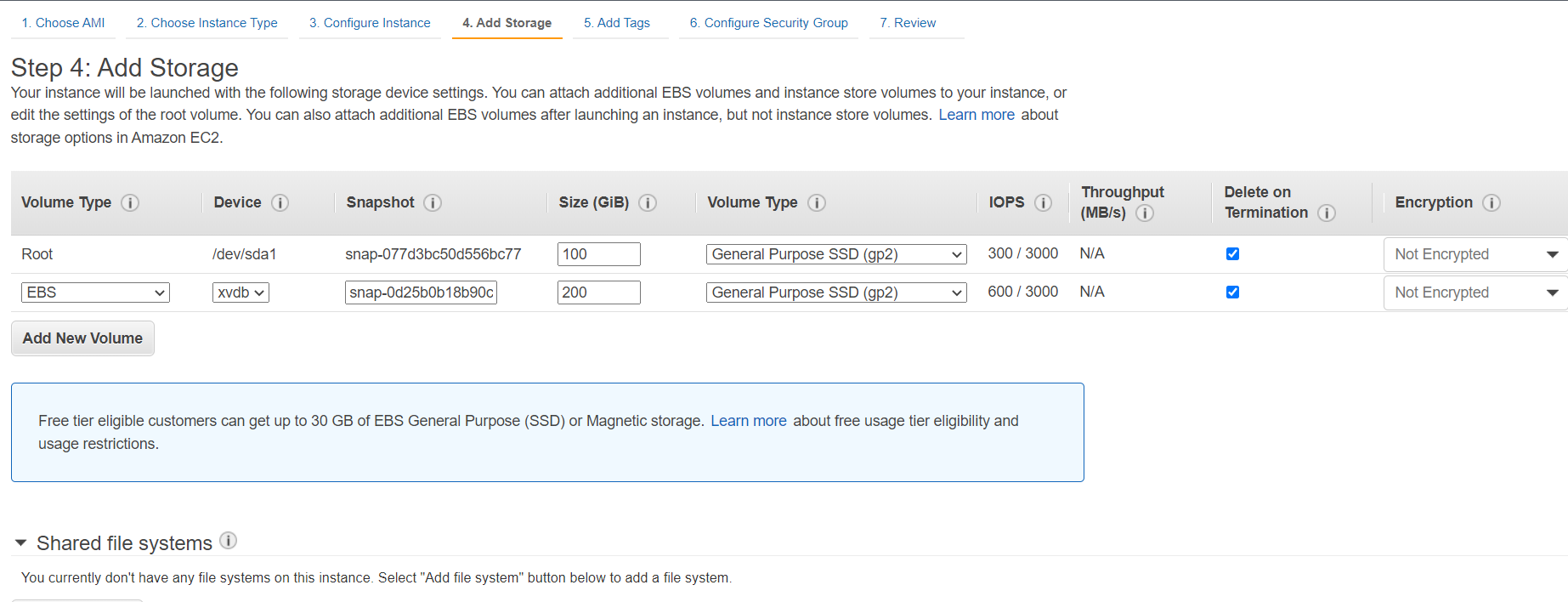
Note: Enter you AWS access key and secret key ID.



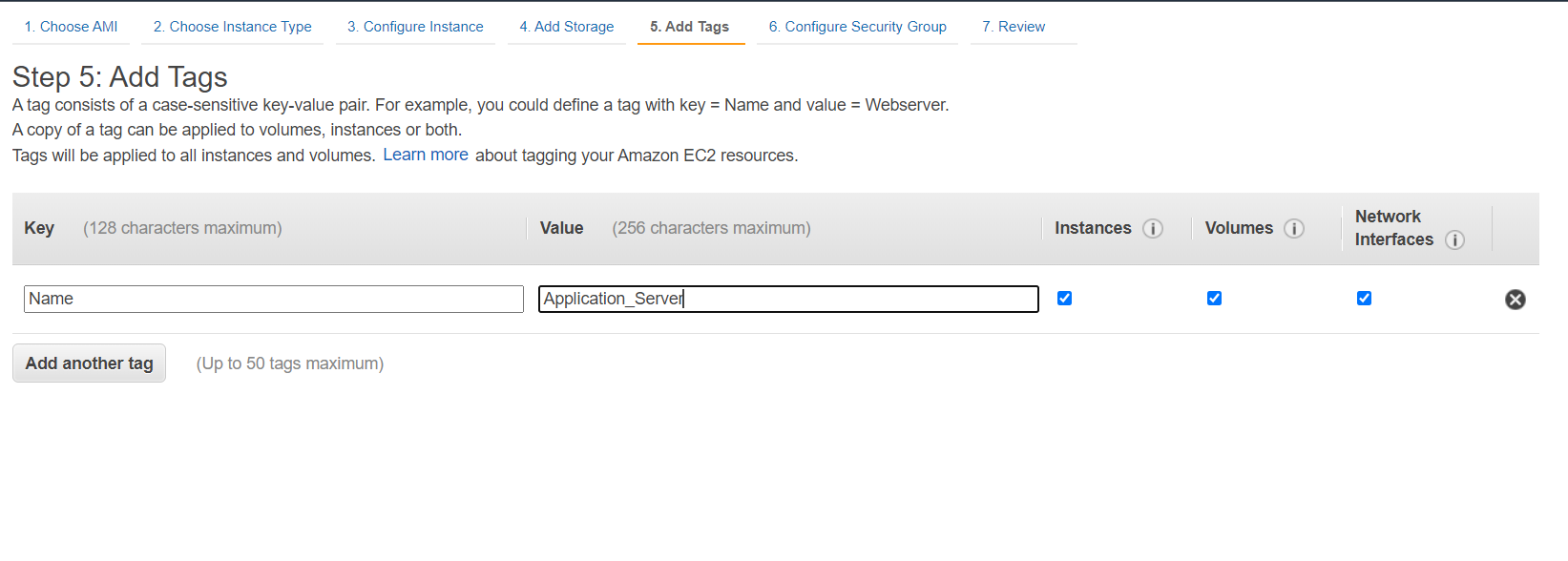




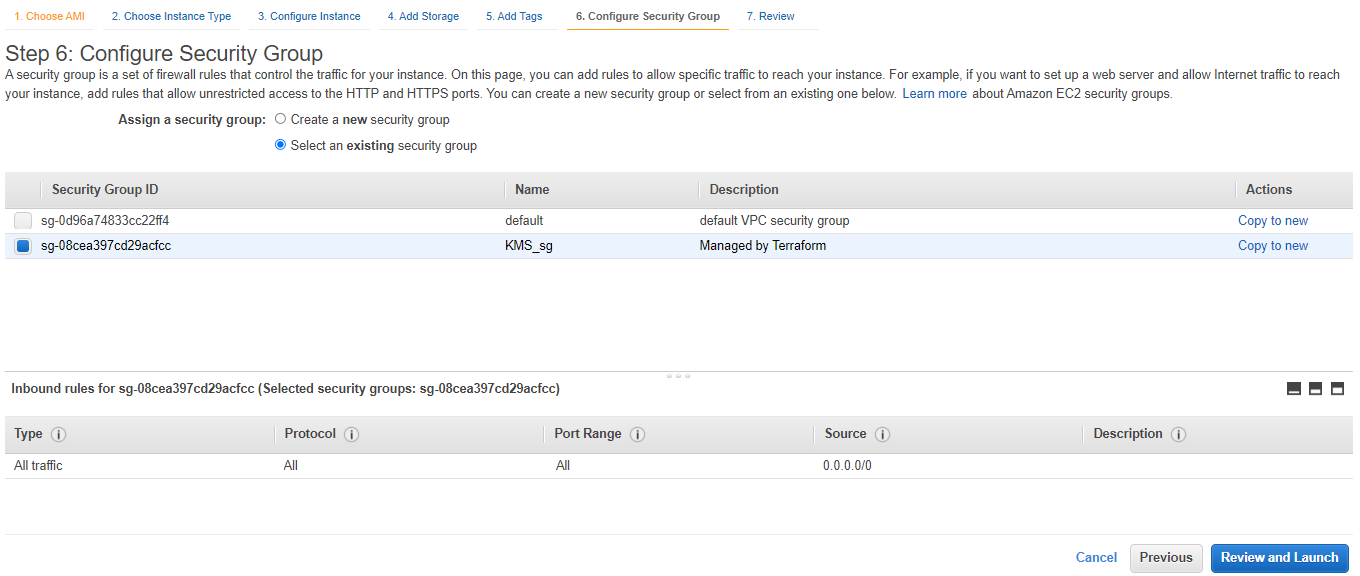
Step 5: Add storage.



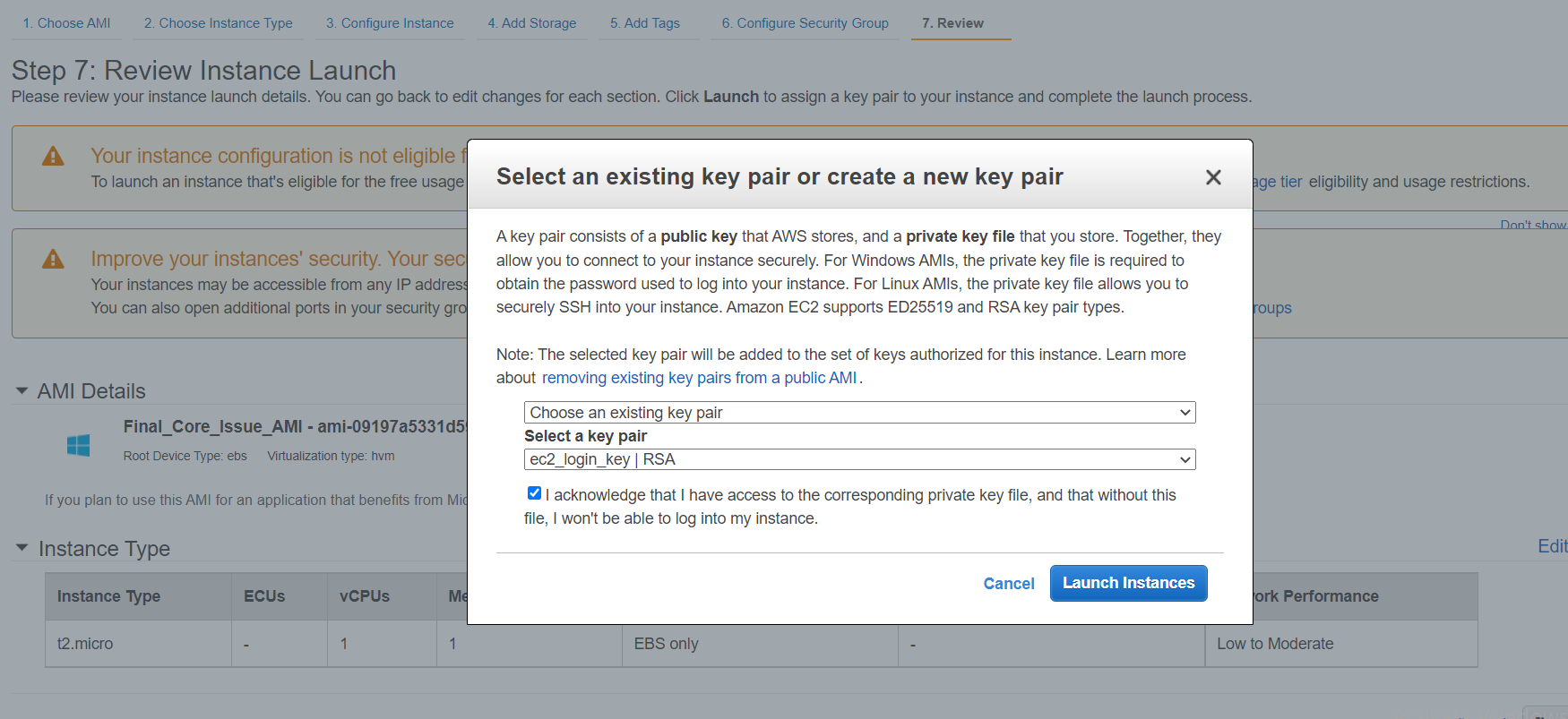
Step 6: Give the Tags if needed.



Step 7: Select the security group with name KMS\_**sg**.



Step 8: Review and launch, Select the existing key pair or create new and launch.



Step 9: It will take some time to configure the whole server and the scripts will be running in background.

#### **To see the output of application configuration automation:**

1. User should connect to bastion host.
2. Then, from bastion host user can connect to server through RDP.

Note: Access key and secret key to be explicitly provided in the **powershell\_aws\_commands** script in Application\_Configuration\_Server folder.