CSA1555-Cloud Computing and Big Data Analytics for Education.

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Reg no:192124019

Lab Activity-Day3

**EXPNO 4: CREATE A SNAPSHOT AND CLONING OF A VM AND TEST IT BY**

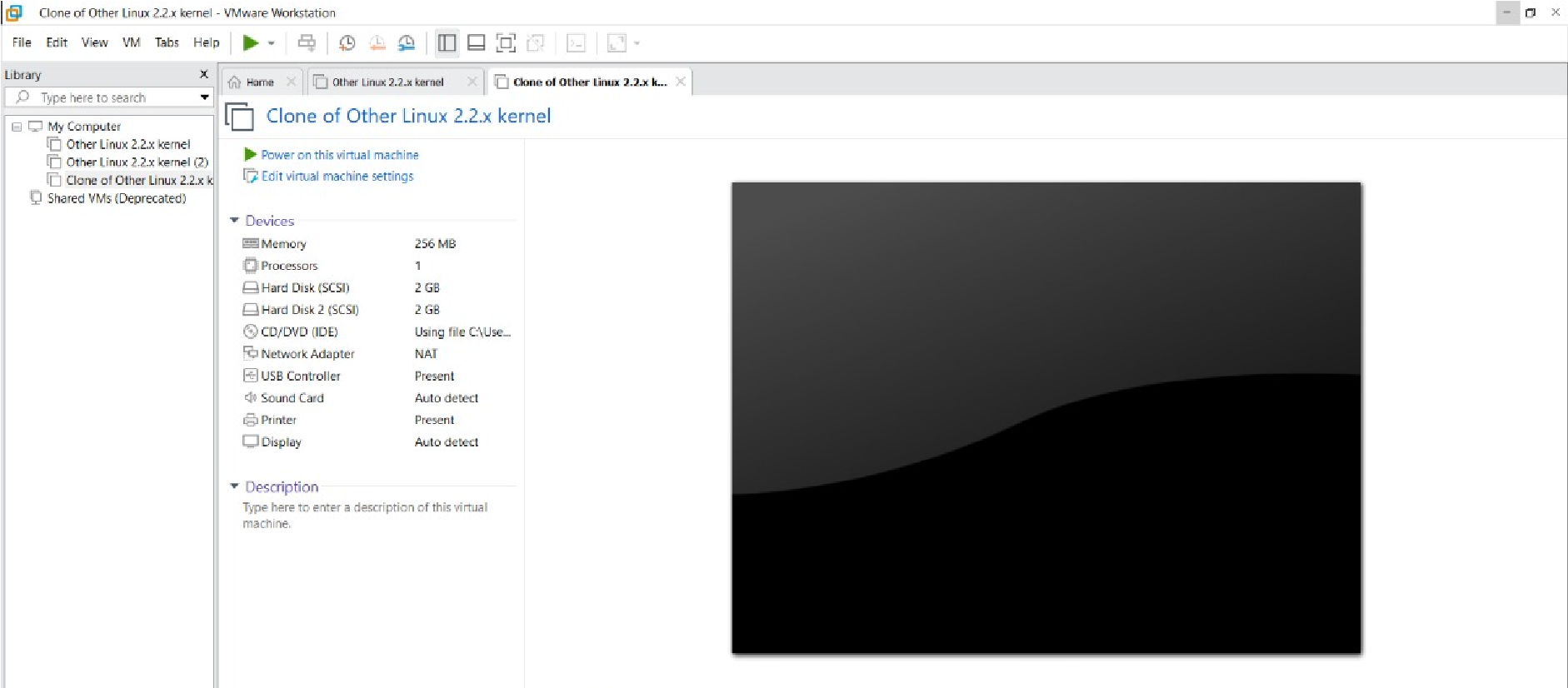
**LOADING THE PREVIOUS VERSION/CLONED VM**

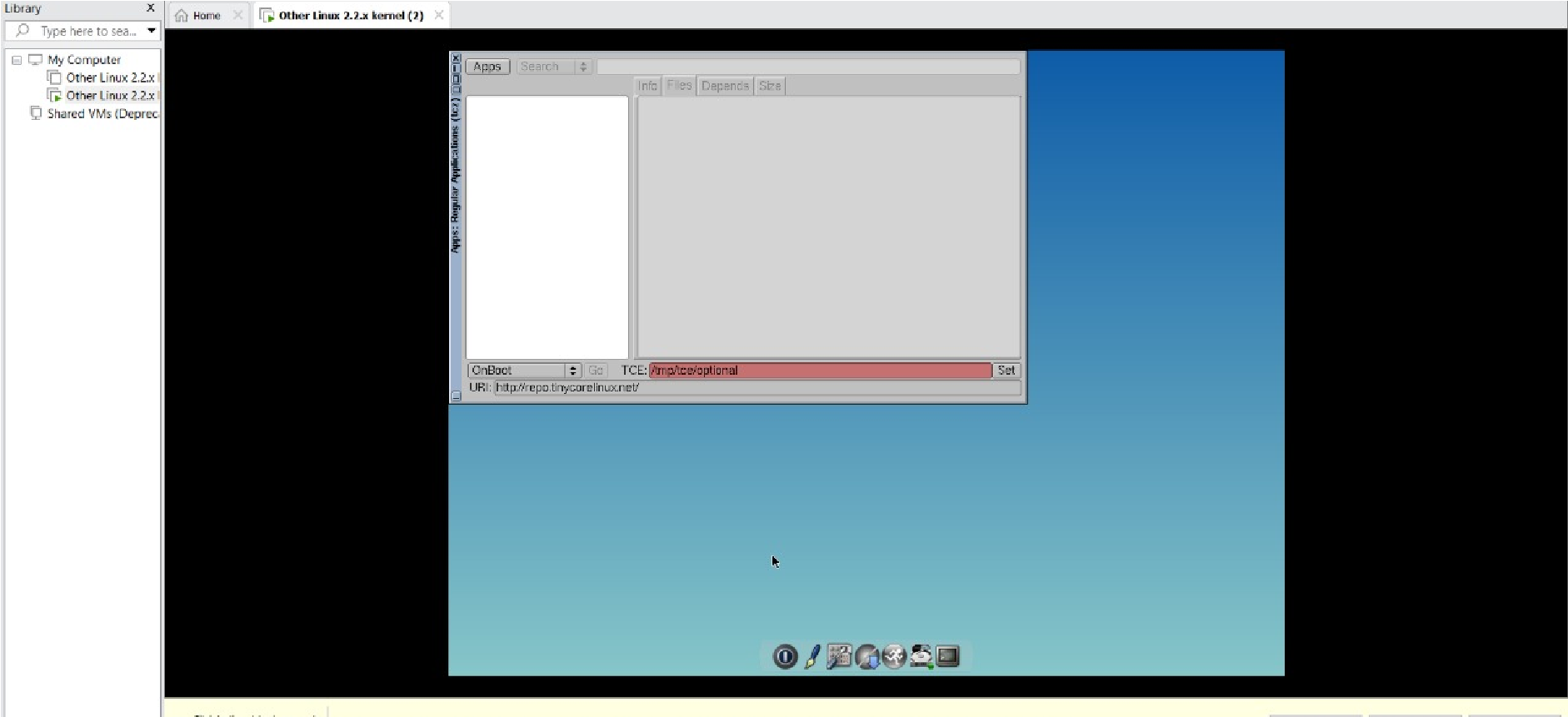
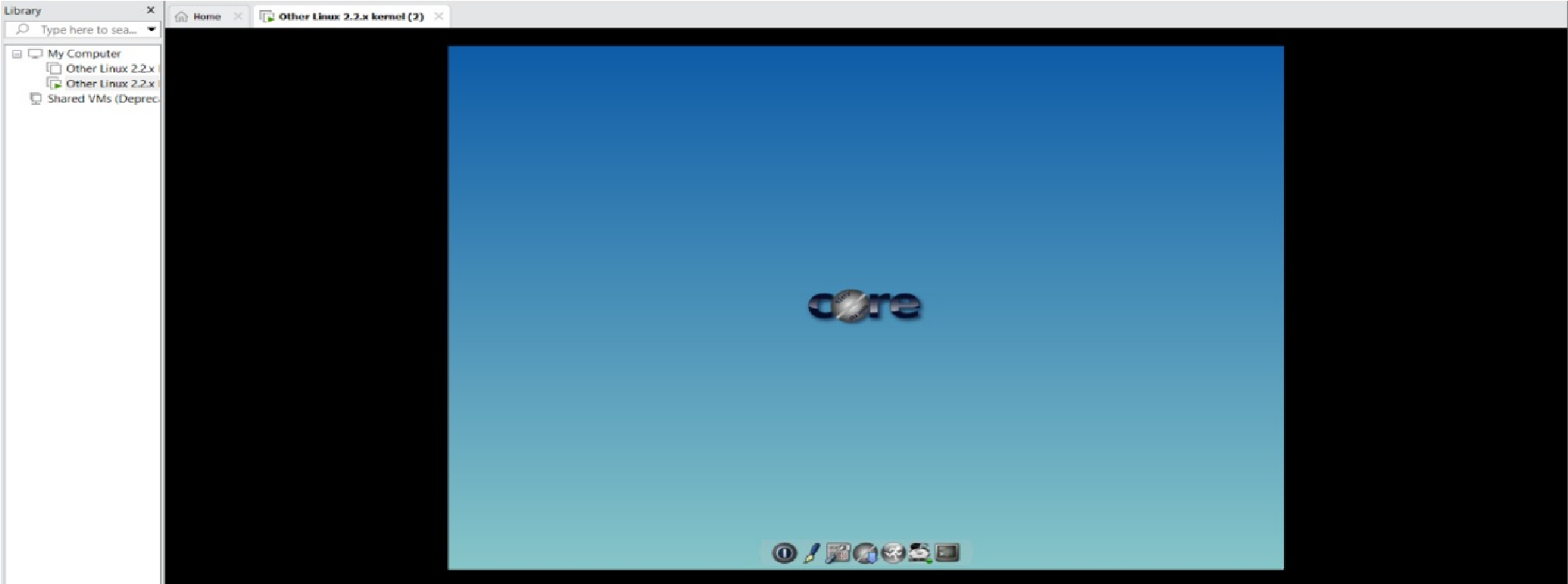
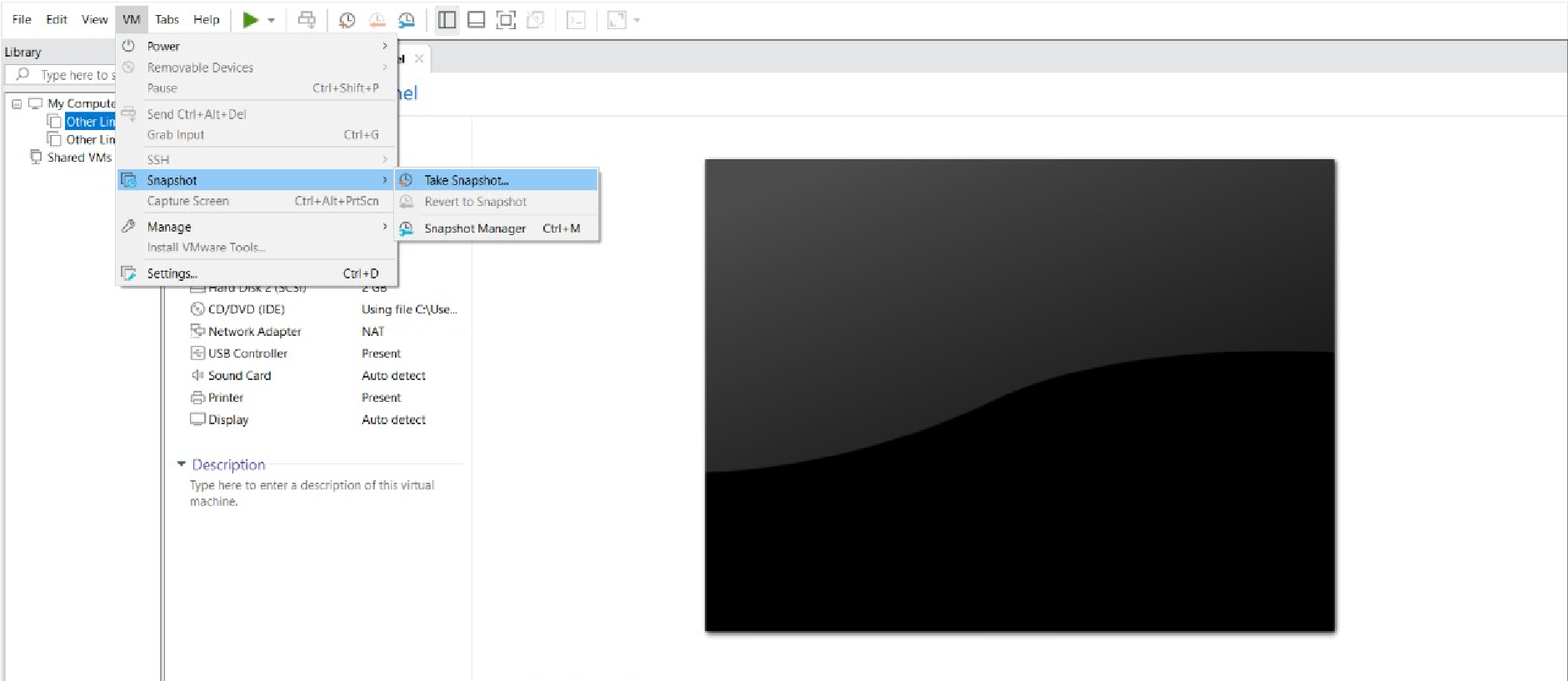
AIM:To create a snapshot and cloning of a VM and test it by loading the previous version/cloned VM.

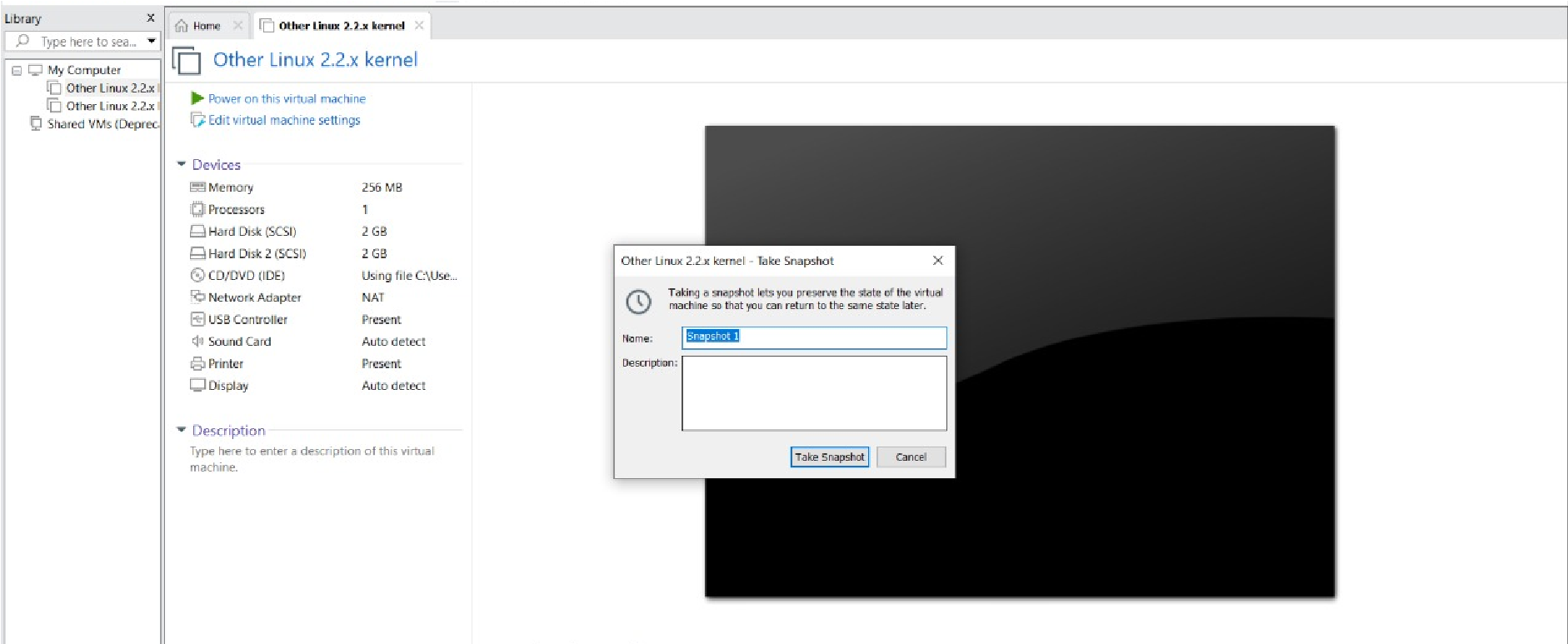
PROCEDURE:

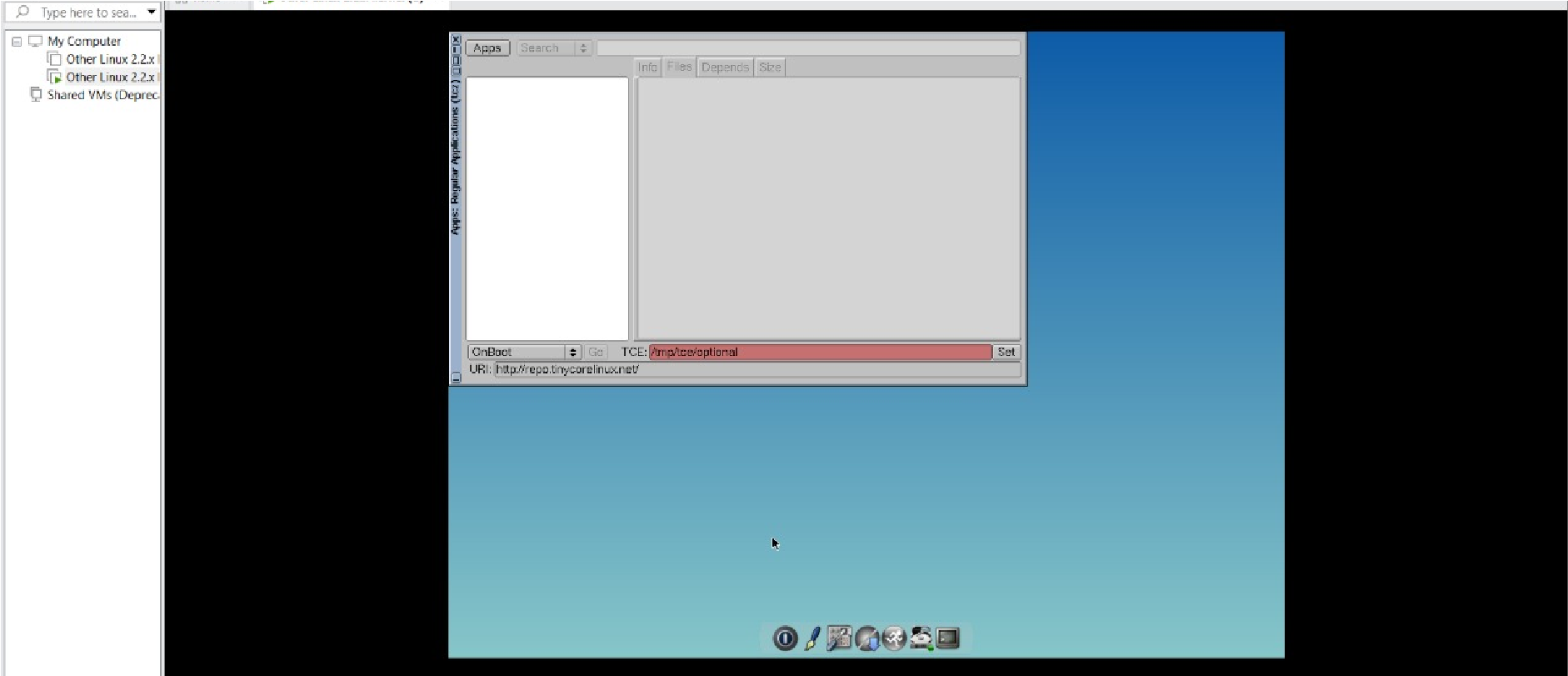
**IMPLEMENTATION:**

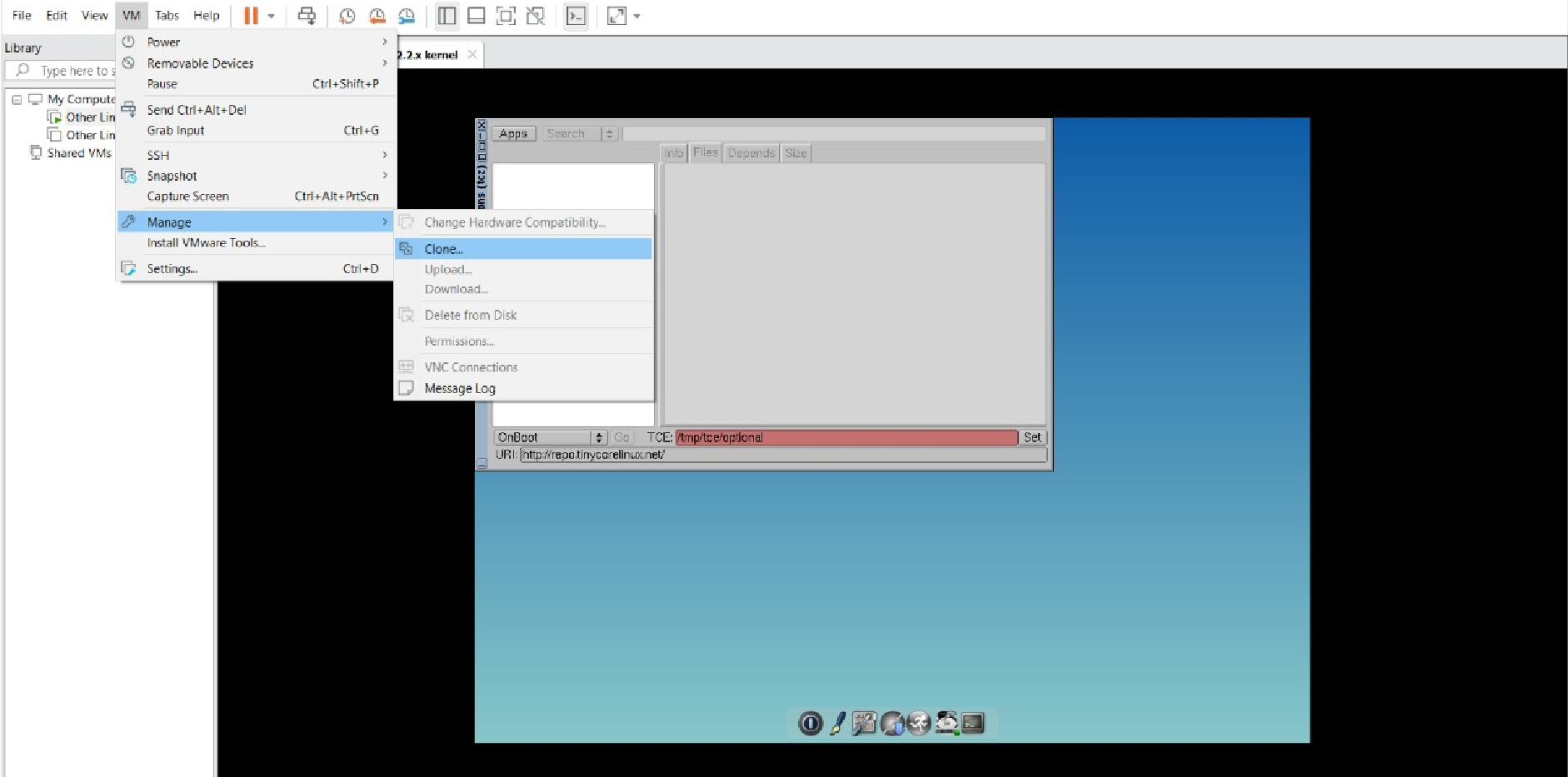
**STEP 1: GOTO VMWARE WORKSTATION**

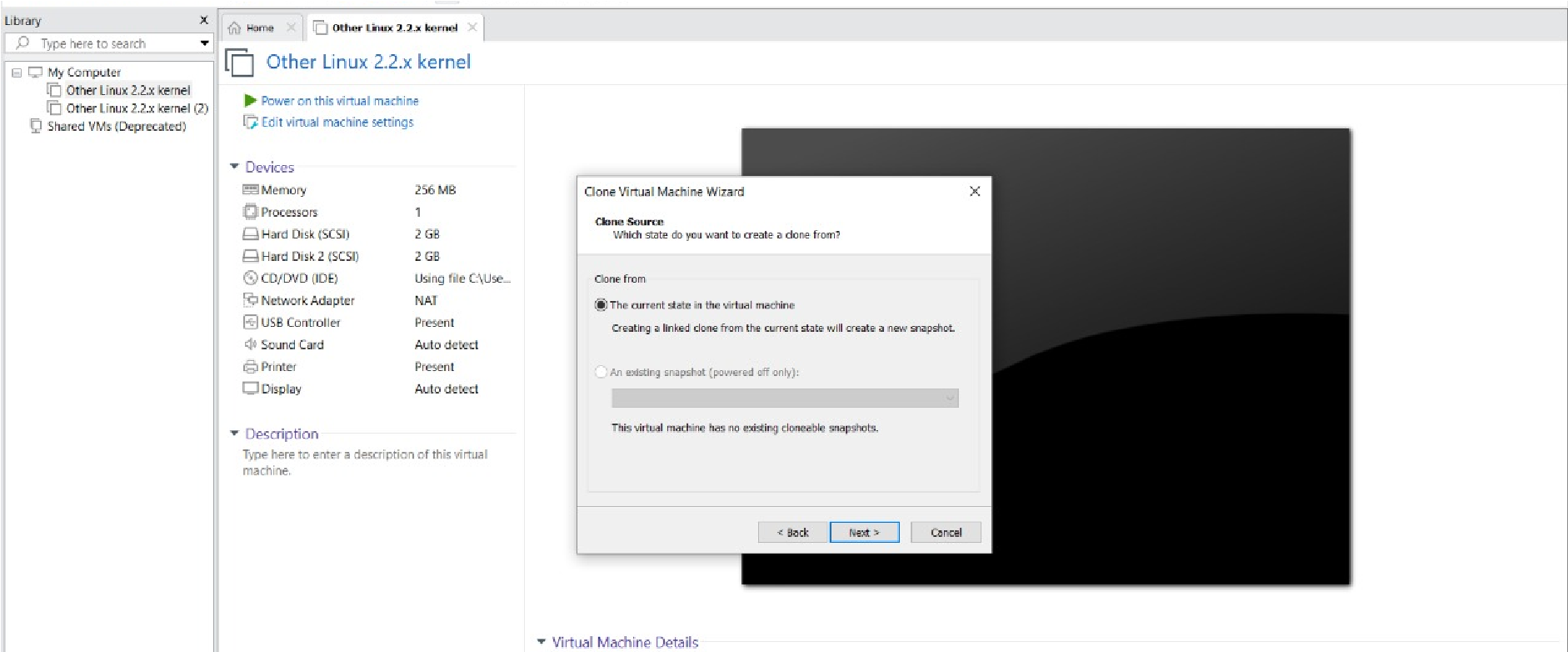
 **STEP 2: CREATE FILES ON DESKTOP**

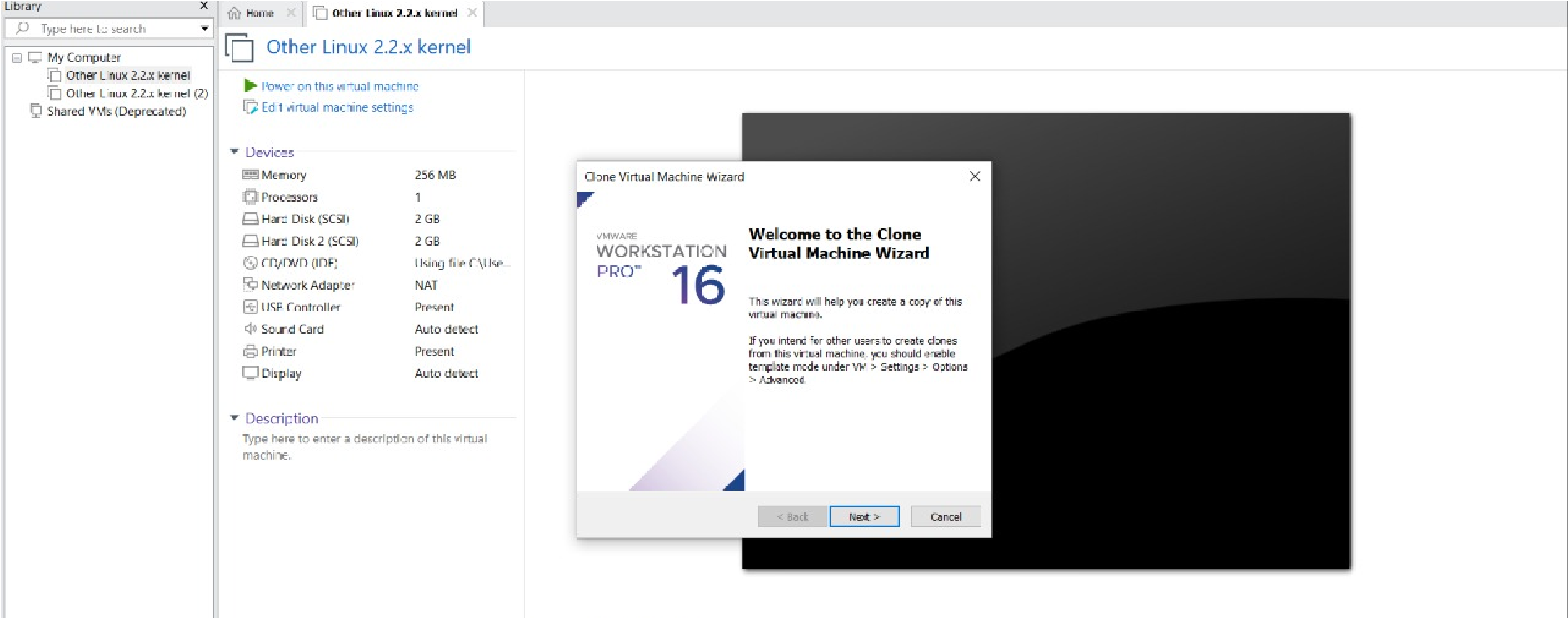
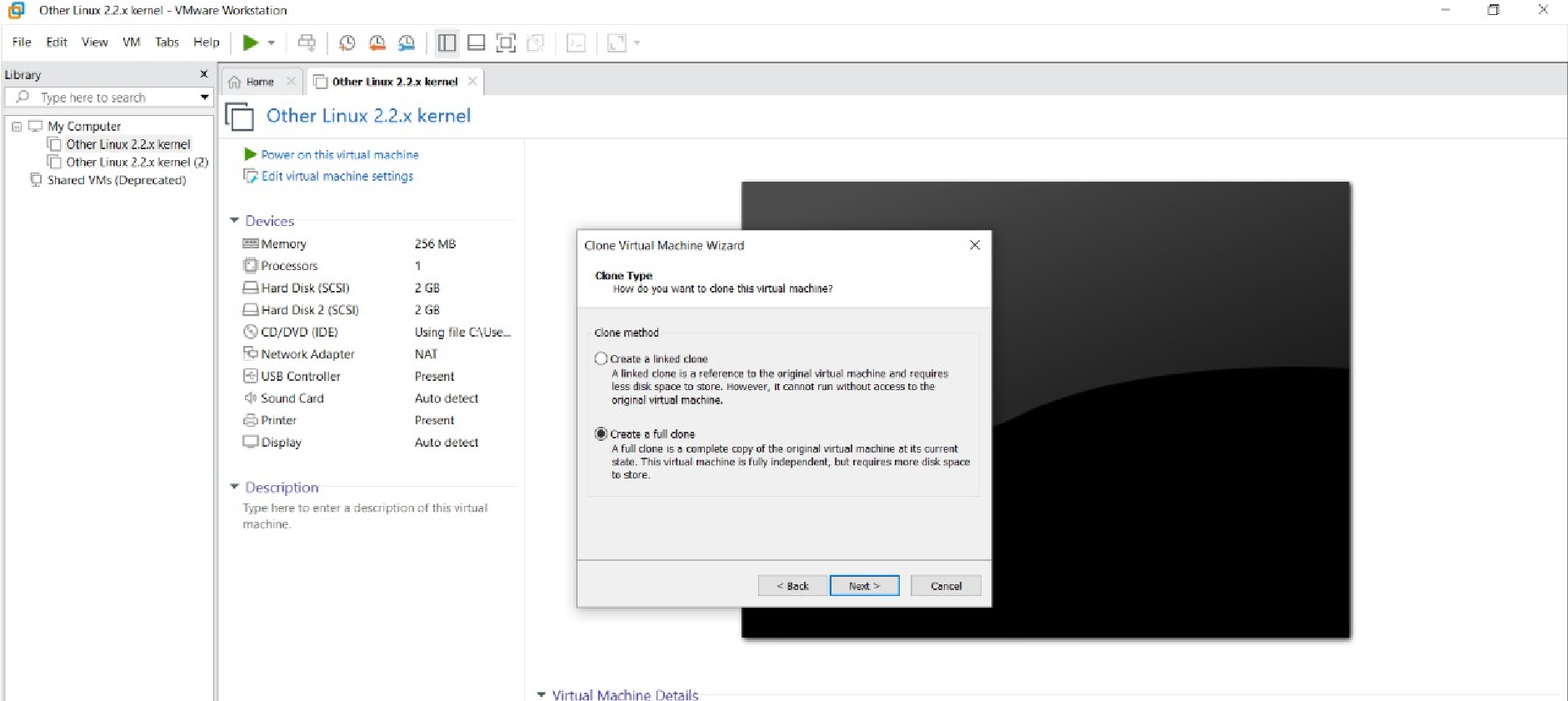
 **STEP 2: CLICK ON VM AND SELECTS SNAPSHOT-> TAKE SNAPSHOT.**

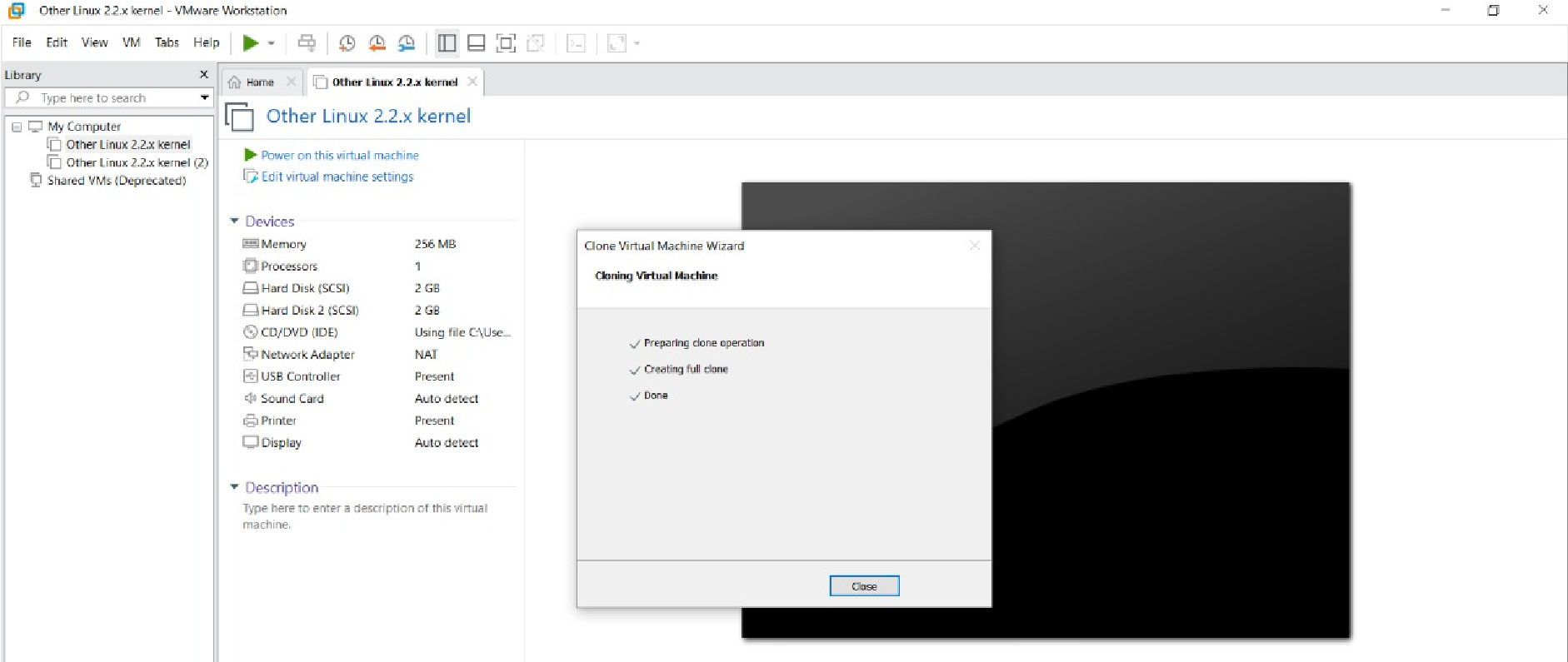
 **STEP 4: SNAPSHOT IS BEING DONE**

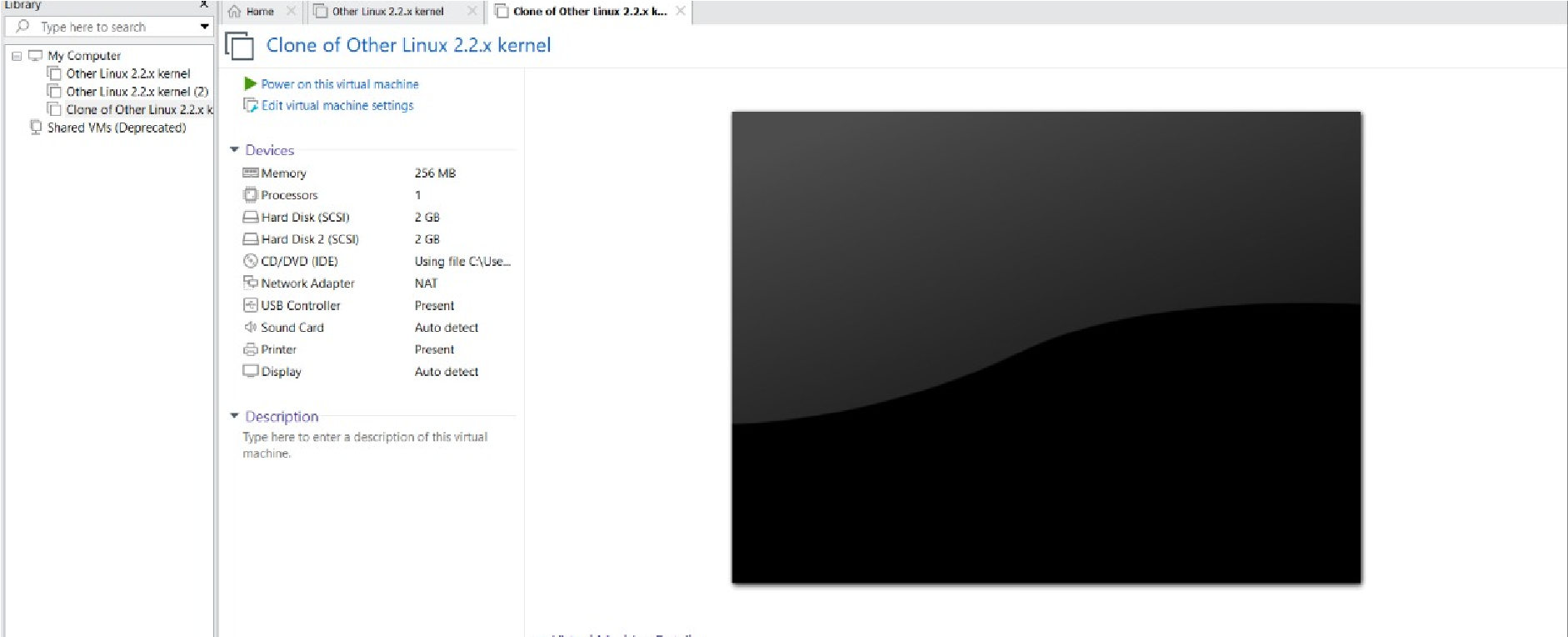
 **CLONING OF A VM**

**STEP 1: GO TO VM AND GOTO MANAGE AND CLICK CLONE** **STEP 2: CLICK CLONE**



 **STEP 3: SELECT THE FULL CLONE**

 **STEP 4: AFTER CLONE AGAIN OR VM IS OPENED.**



RESULT:A Snapshot is being created and cloning of a VM and testing it is done successfully.

**5.DEMONSTRATE INFRASTRUCTURE AS A SERVICE(IAAS) BY CREATING A VIRTUAL MACHINE USING A PUBLIC CLOUD SERVICE**

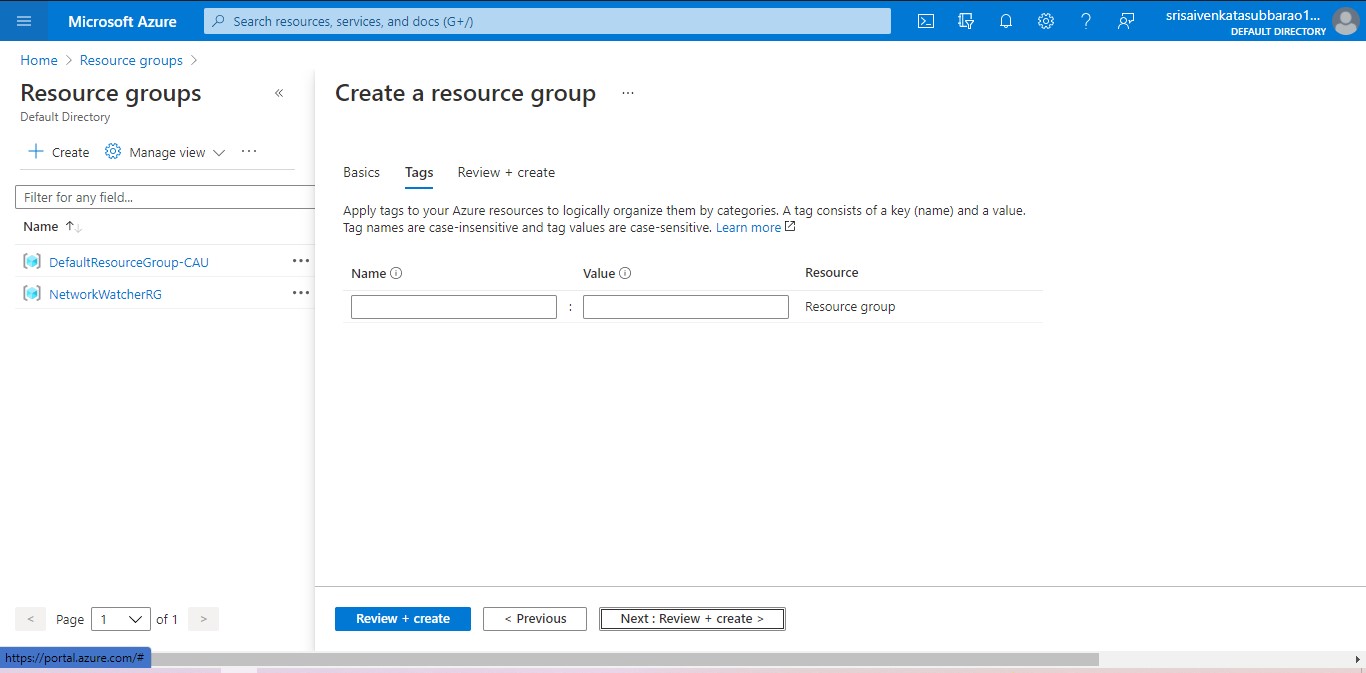
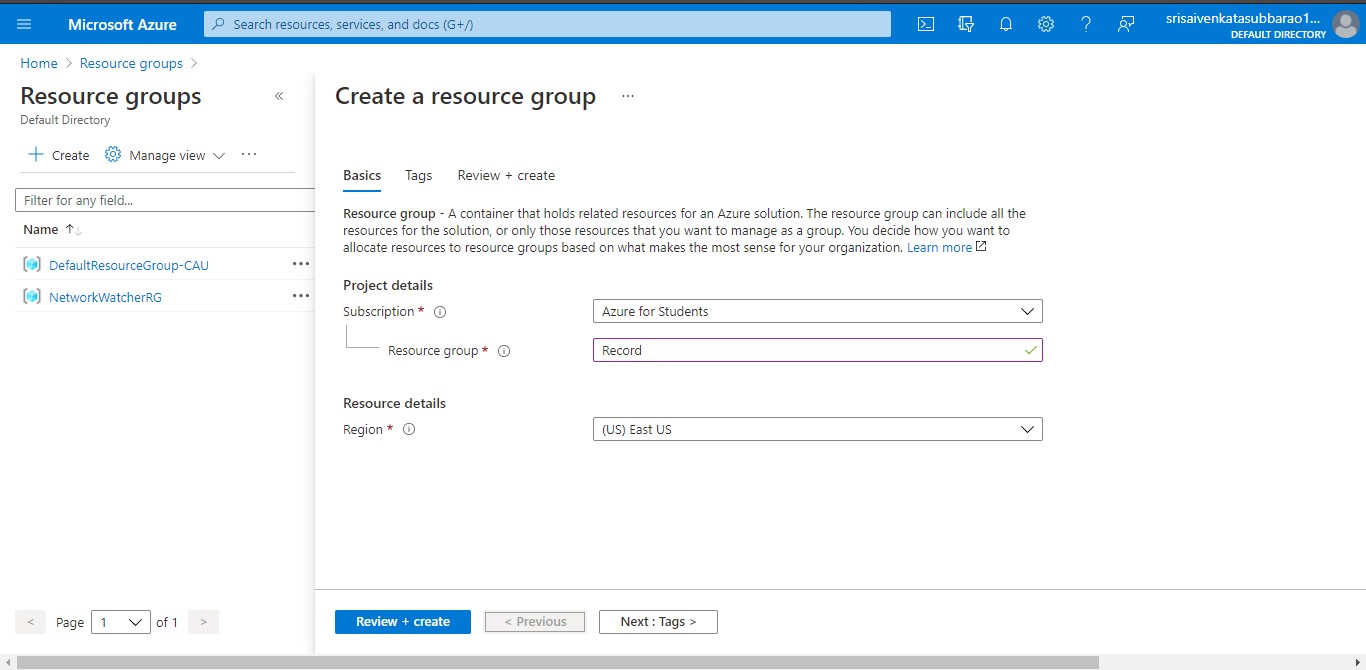
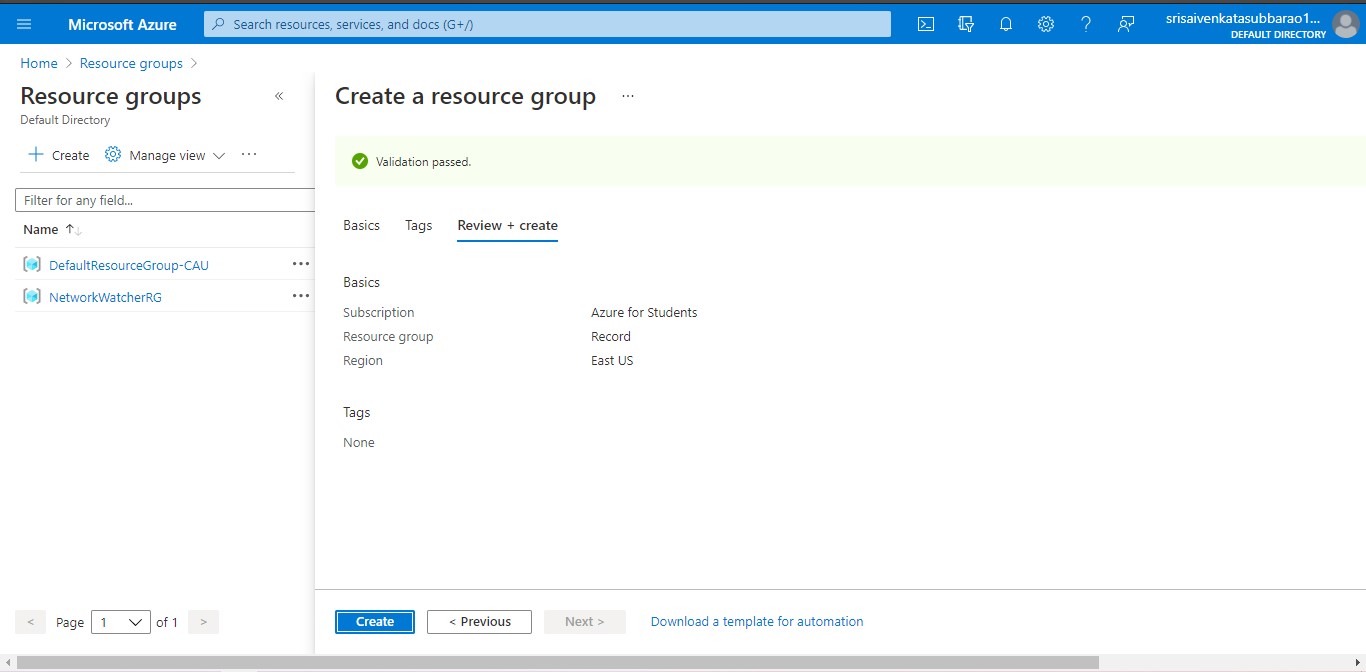
**PROVIDER(AZURE/GCP/AWS) CONFIGURE WITH MINIMUM CPU,RAM AND STORAGE AND LAUNCH THE VM IMAGE.**

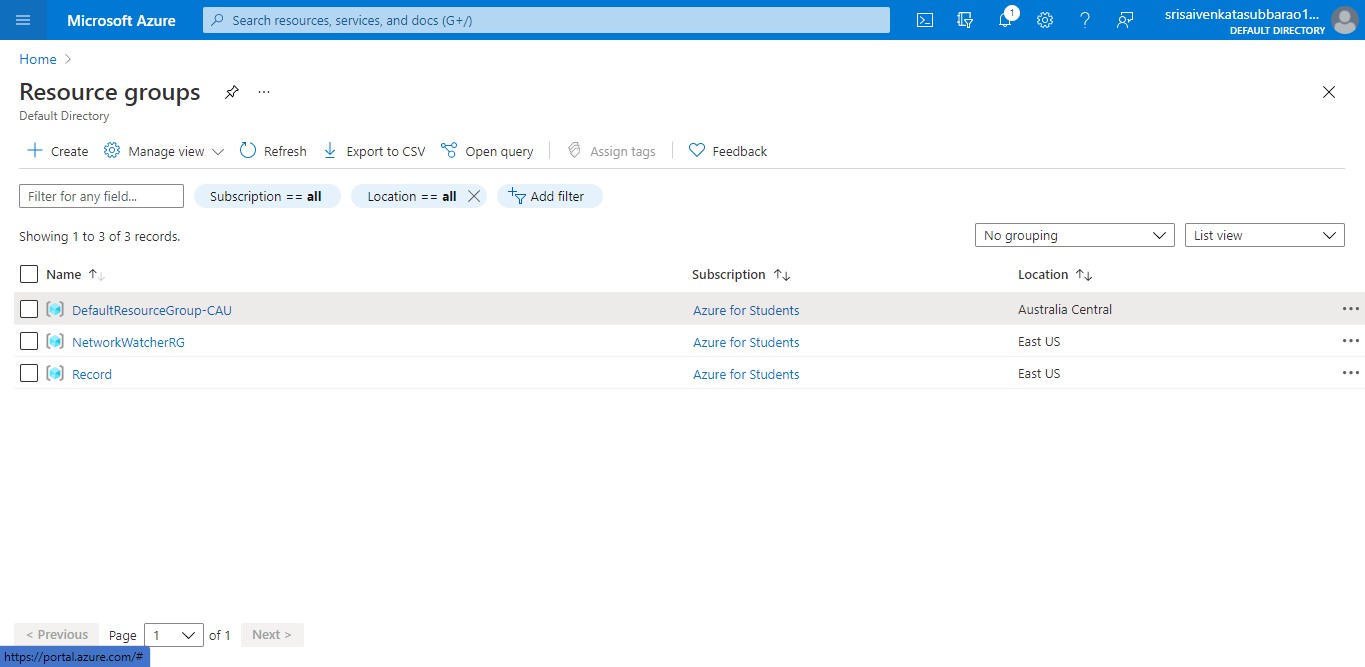
PROCEDURE:

**Implementation:**

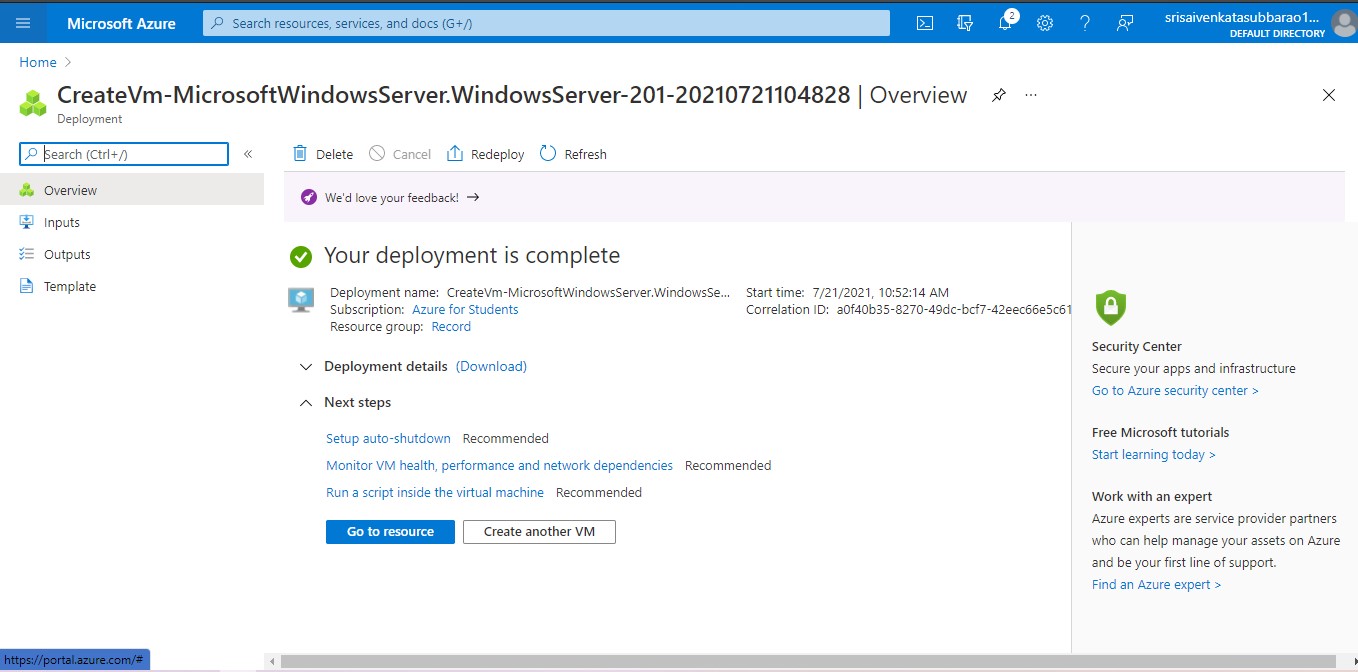
**STEP1:CREATE AN ACCOUNT IN MICROSOFT AZURE.**

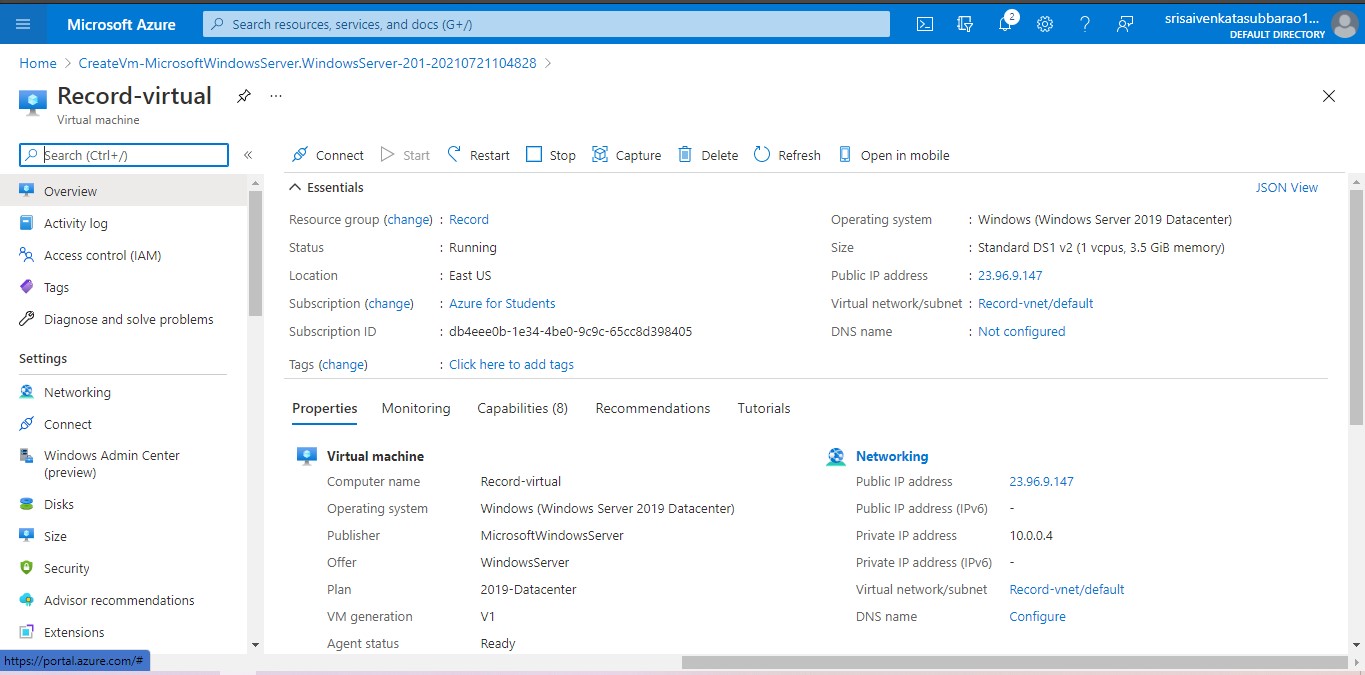
**STEP2: GOTO RESOURCE GROUP AND CREATE A RESOURCE GROUP.**

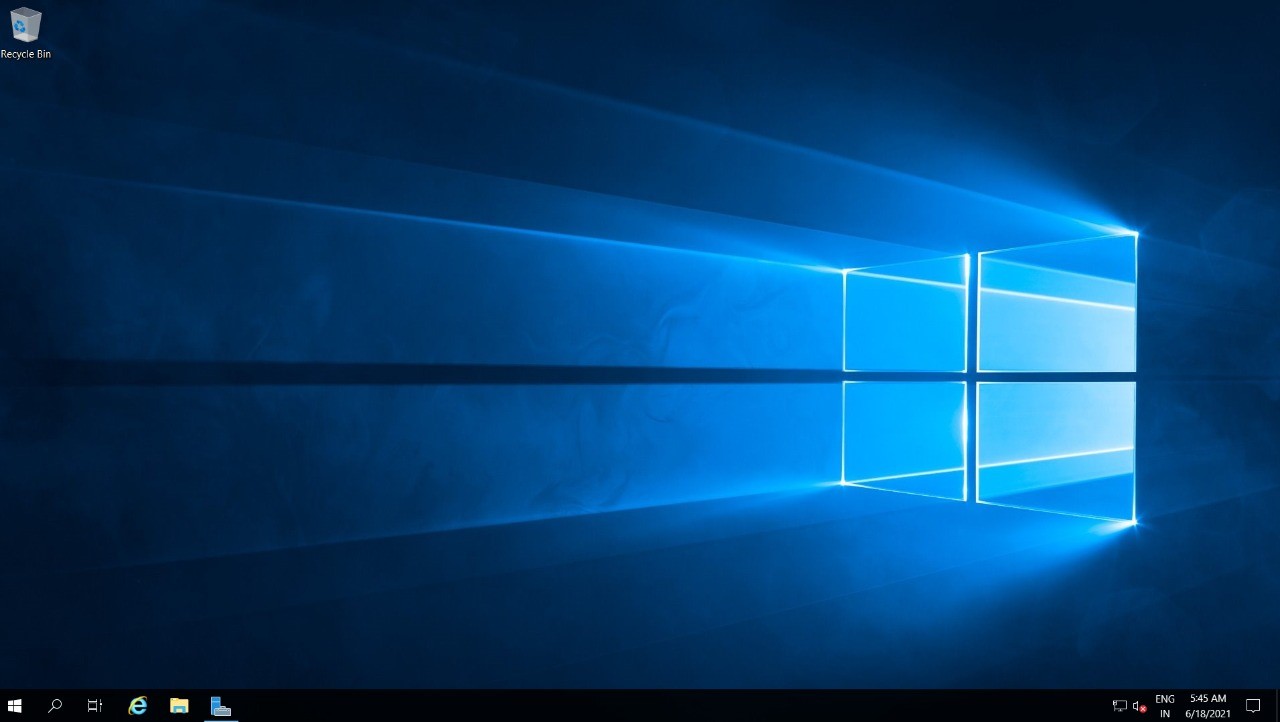
 **STEP4: CREATE A VIRTUAL NETWORK FOR TO CREATE A VIRTUAL MACHINE .**

 **STEP5: NOW CREATE A VIRTUAL MACHINE WITH UR IP ADDRESS AN USERNAME AND PASSWORD FOR YOUR VIRTUAL MACINE.**

**STEP6: AND YOUR VIRTUAL MACHINE IS DEPLOYED.**

 **STEP7: NOW CONNECT THE VIRTUAL MACHINE AND DOWNLOAD THE RDP FILE TO OPEN YOUR WINDOWS VIRTUAL MACHINE.**

 **STEP8: CREATED A NEW WINDOWS VIRTUAL MACHINE.**



RESULT:to demonstrate iaas by creating a virtual machine using public cloud service.