

## **EXP13. DEMONSTRATE INFRASTRUCTURE AS A SERVICE (IAAS) BY CREATING A VIRTUAL MACHINE USING A PUBLIC CLOUD SERVICE PROVIDER (AZURE), CONFIGURE WITH REQUIRED MEMORY AND CPU.**

### **AIM:**

To demonstrate infrastructure as a service (iaas) by creating a virtual machine using a public cloud service provider (azure), configure with required memory and cpu.

### **PROCEDURE:**

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

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

**STEP3:** GIVE NECESSARY THINGS FOR 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 MACHINE.

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

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

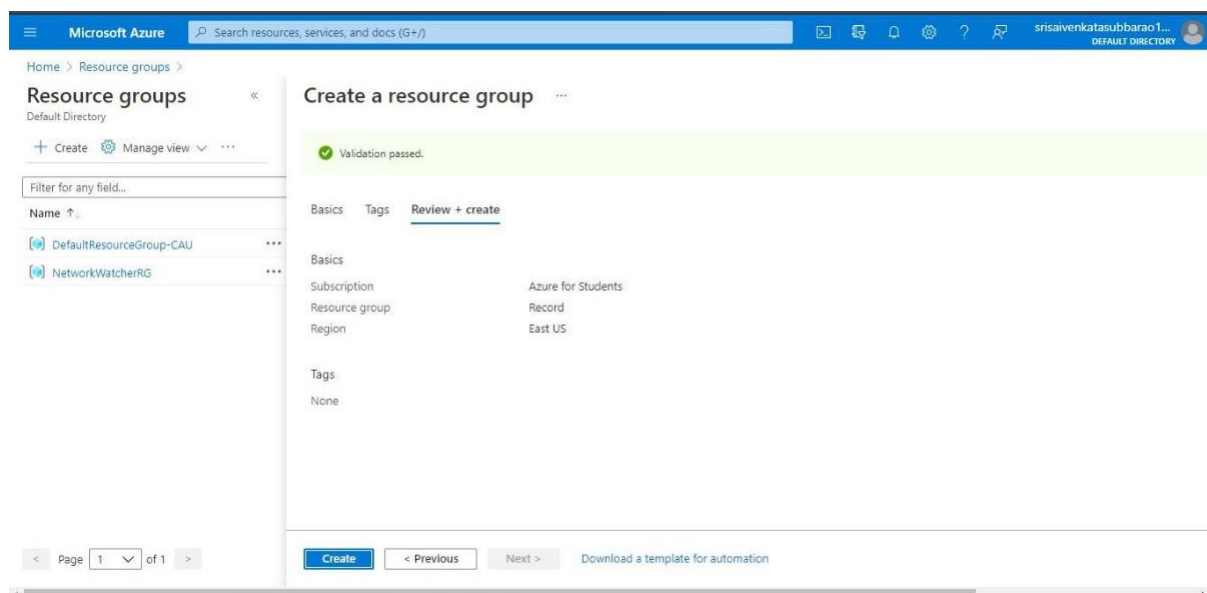
**STEP8:** NOW RESIZE THE VIRTUAL MACHINE SIZE.

**STEP9:** CREATED A NEW WINDOWS VIRTUAL MACHINE

### **IMPLEMENTATION:**

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

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



### STEP3: GIVE NECESSARY THINGS FOR RESOURCE GROUP.

The first screenshot shows the 'Create a resource group' wizard in the 'Basics' tab. The 'Subscription' is set to 'Azure for Students', the 'Resource group' is 'Record', and the 'Region' is '(US) East US'.

The second screenshot shows the 'Tags' tab. It includes a table for adding tags:

Name	Value	Resource
		Resource group

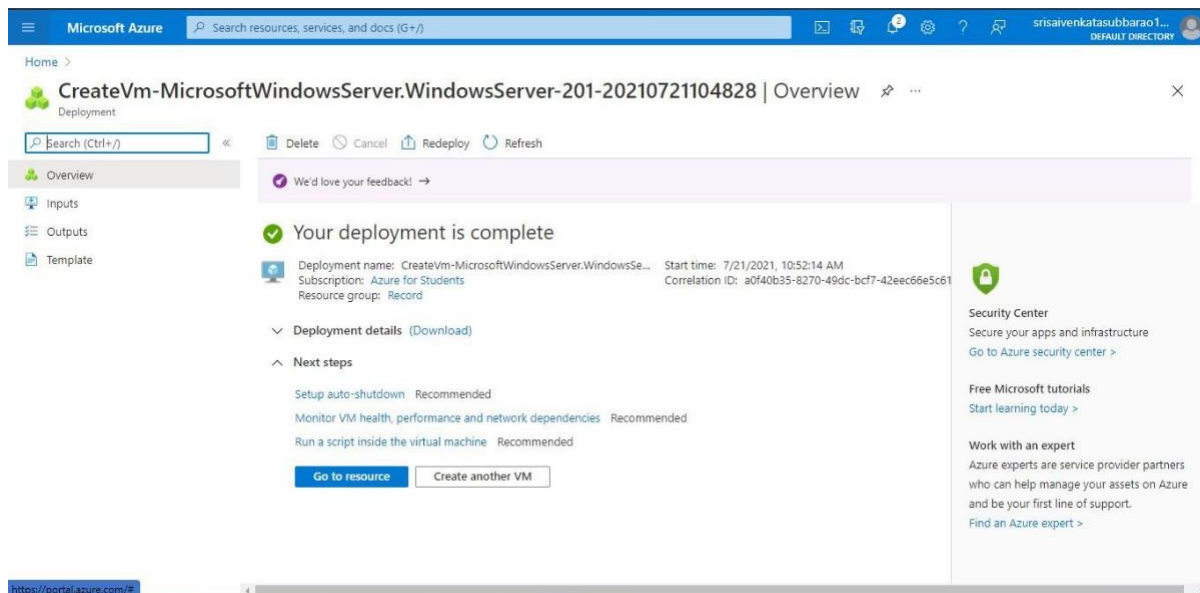
### STEP4: CREATE A VIRTUAL NETWORK FOR TO CREATE A VIRTUALMACHINE .

The screenshot shows a list of resource groups in the Azure portal. The table displays the following data:

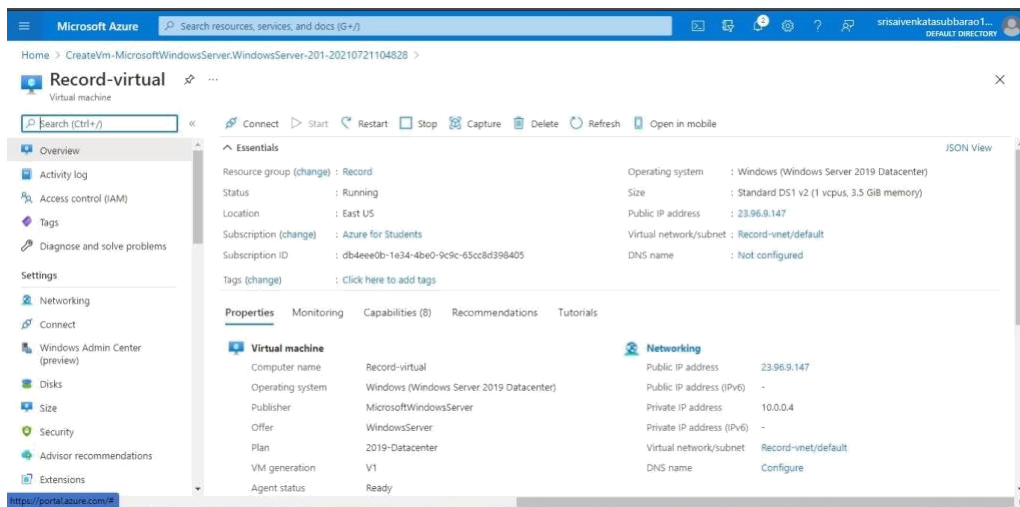
Name	Subscription	Location
DefaultResourceGroup-CAU	Azure for Students	Australia Central
NetworkWatcherRG	Azure for Students	East US
Record	Azure for Students	East US

**STEP5: NOW CREATE A VIRTUAL MACHINE WITH UR IP ADDRESS ANUSERNAME 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.**

