

**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 VIRTUALMACHINE .

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 FILETO OPEN YOUR
WINDOWS VIRTUAL MACHINE.

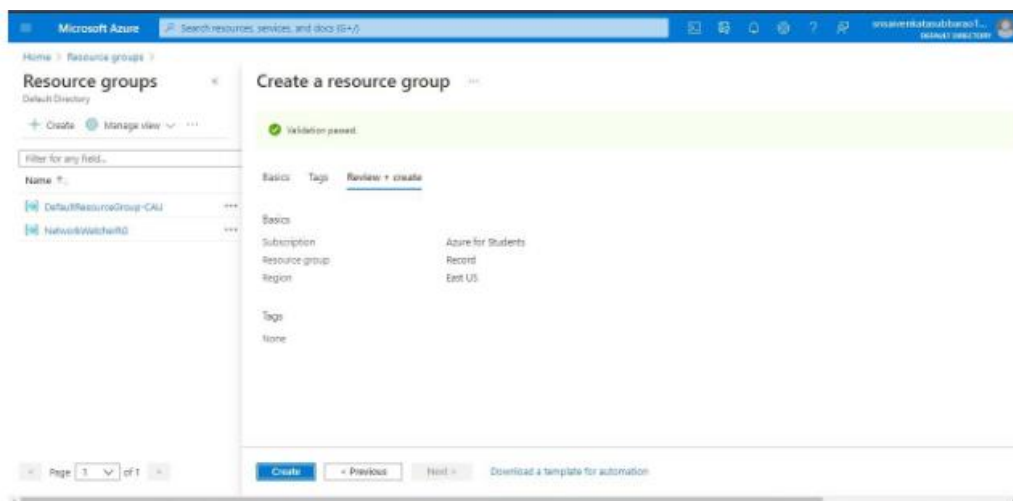
STEP8: NOW RESIZE THE VIRTUAL MACHINE SIZE.

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 Microsoft Azure portal. The 'Basics' tab is selected, and the following information is entered:

- Subscription: Azure for Students
- Resource group: Record
- Region: East US

The second screenshot shows the 'Tags' tab of the same wizard. A tag is being added with the following details:

Name	Value	Resource
Resource group	Record	Resource group

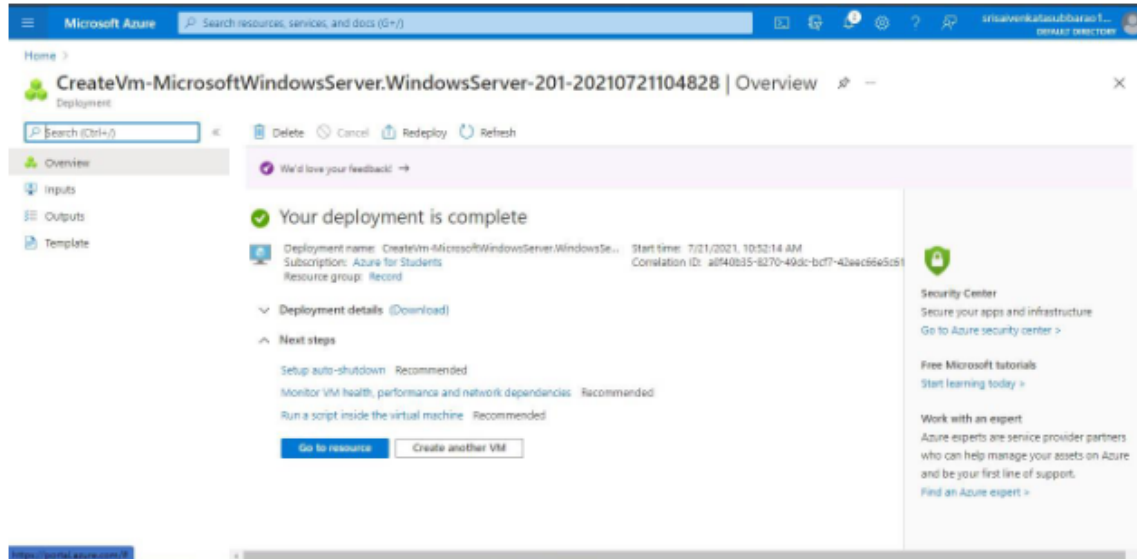
STEP4: CREATE A VIRTUAL NETWORK FOR TO CREATE A VIRTUALLMACHINE .

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

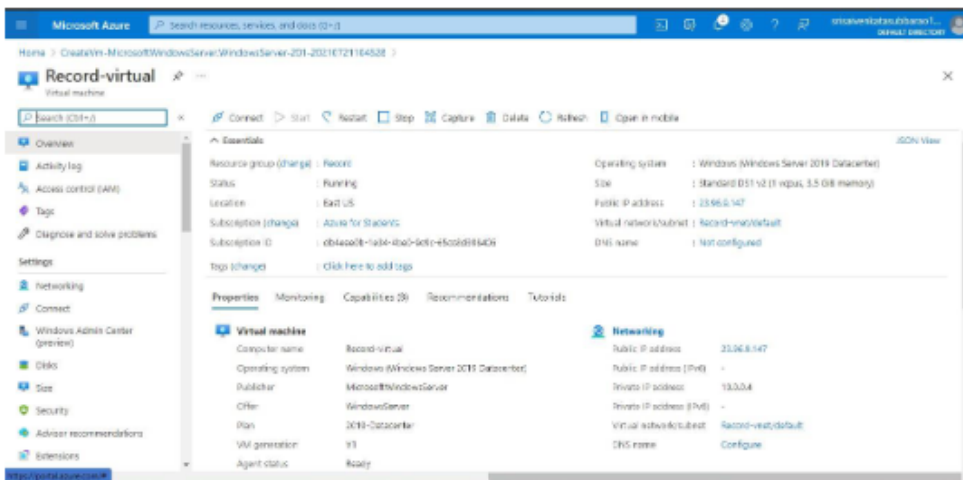
Name	Subscription	Location
DefaultResourceGroup-CAU	Azure for Students	Australia Central
NetworkWatcherRG	Azure for Students	East US
Record	Azure for Students	East US

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

