

## **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 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.

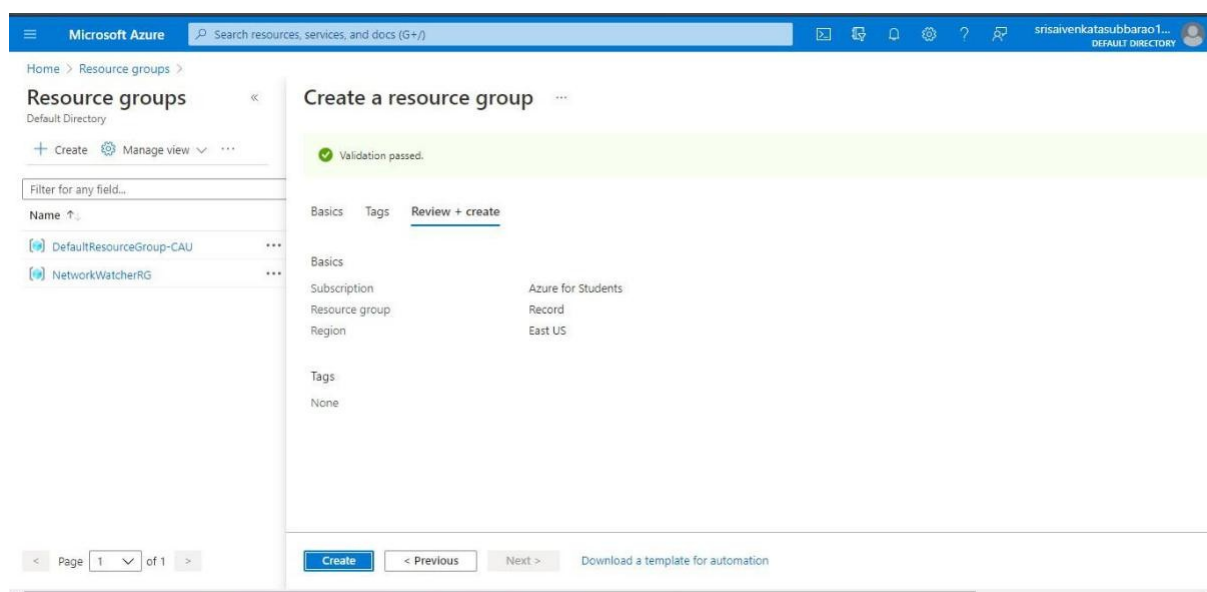
**STEP8:** NOW RESIZE THE VIRTUAL MACHINE SIZE.

**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 'Azure for Students', the resource group is 'Record', and the region is '(US) East US'. The second screenshot shows the 'Tags' tab where a tag is being added with the name 'Resource group'.

Microsoft Azure | Search resources, services, and docs (G+/I)

Home > Resource groups >

Resource groups

Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑↓

- DefaultResourceGroup-CAU
- NetworkWatcherRG

Page 1 of 1

Review + create < Previous Next: Tags >

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Filter for any field...

Name ↑↓

- DefaultResourceGroup-CAU
- NetworkWatcherRG

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Review + create < Previous Next: Review + create >

https://portal.azure.com/#

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

The screenshot shows a list of resource groups in the Microsoft Azure portal. The table has columns for Name, Subscription, and Location. The resource groups listed are DefaultResourceGroup-CAU, NetworkWatcherRG, and Record.

Microsoft Azure | Search resources, services, and docs (G+/I)

Home >

Resource groups

Default Directory

+ Create Manage view Refresh Export to CSV Open query Assign tags Feedback

Filter for any field... Subscription == all Location == all Add filter

Showing 1 to 3 of 3 records.

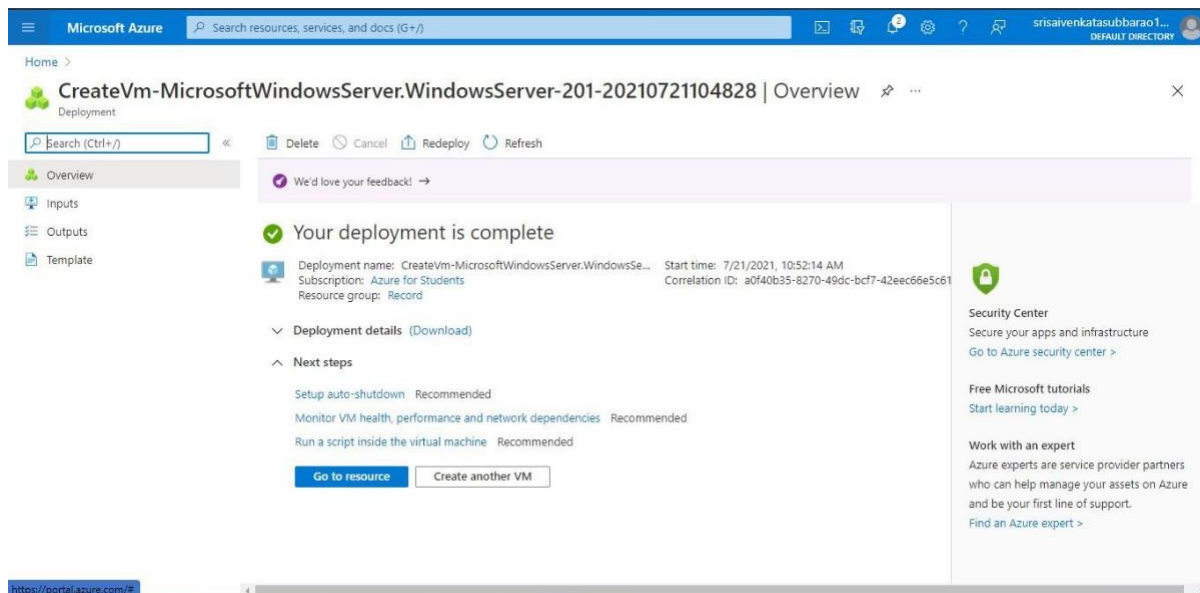
Name ↑↓	Subscription ↑↓	Location ↑↓
DefaultResourceGroup-CAU	Azure for Students	Australia Central
NetworkWatcherRG	Azure for Students	East US
Record	Azure for Students	East US

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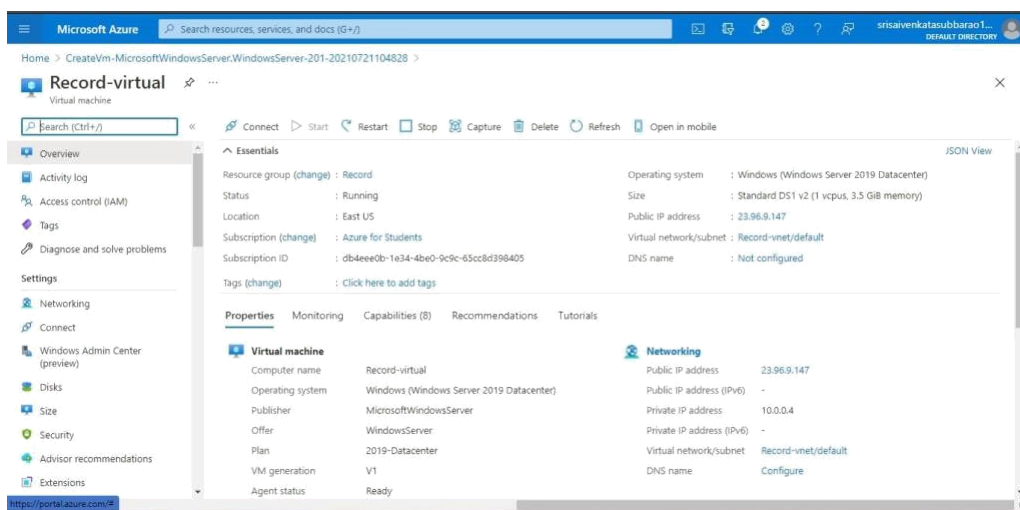
https://portal.azure.com/#

**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.**

