

**EXP 17 .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.**

**AIM:**

To 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:**

**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.

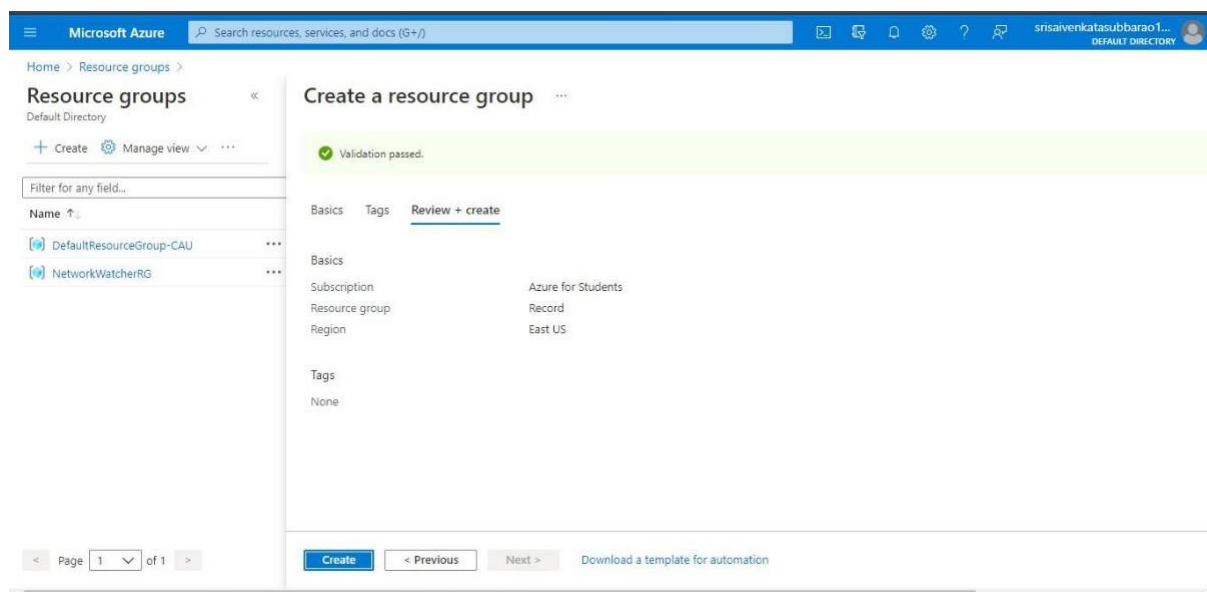
**STEP7:** NOW CONNECT THE VIRTUAL MACHINE AND DOWNLOAD THE RDP FILE TO OPEN YOUR WINDOWS VIRTUAL MACHINE.

**STEP8:** 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 'Review + create' button is visible at the bottom.

The second screenshot shows the 'Tags' tab of the same wizard. It explains that tags are used to logically organize resources by categories. Below the explanation is a table for adding tags:

Name	Value	Resource
		Resource group

The 'Review + create' button is also visible at the bottom of the second screenshot.

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

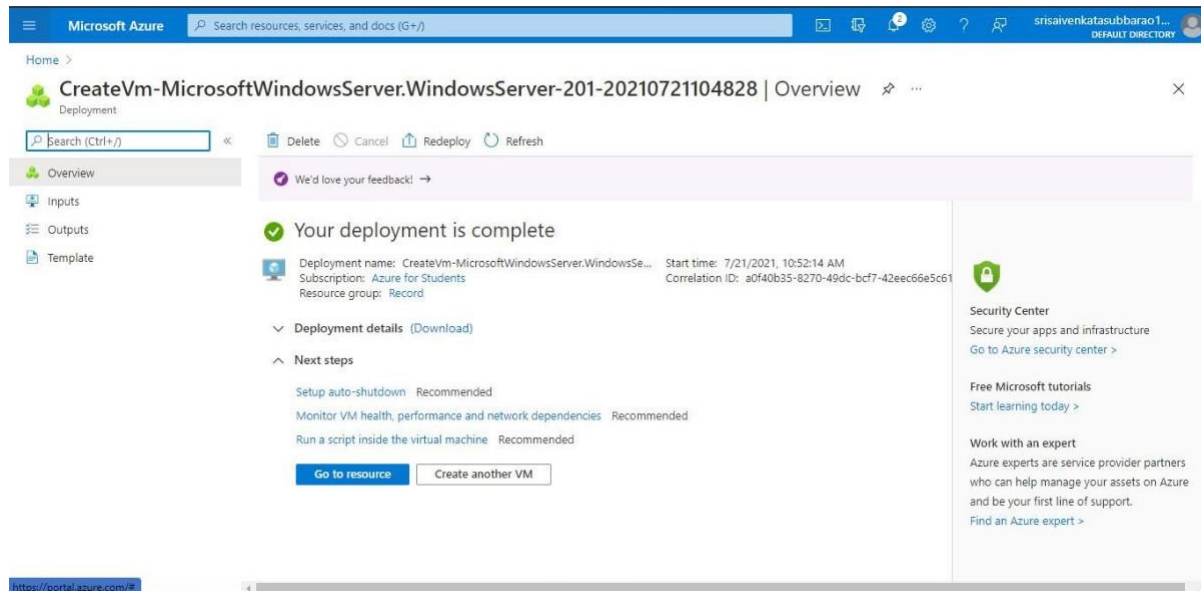
The screenshot shows a list of resource groups in the Azure portal. The table has columns for Name, Subscription, and Location. There are 3 records displayed.

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

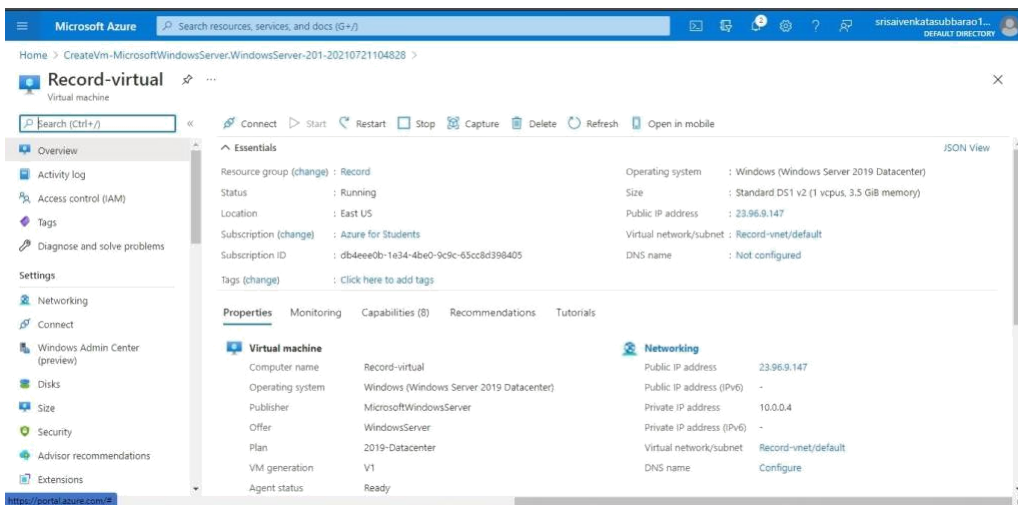
The table is sorted by Name. The 'Subscription' column is set to 'all' and the 'Location' column is set to 'all'. The 'Add filter' button is visible. The 'Showing 1 to 3 of 3 records' text is displayed. The 'No grouping' and 'List view' dropdowns are also visible.

**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.**

