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EXP 15 .DEMONSTRATE INFRASTRUCTURE AS A SERVICE(IAAS) BY CREATING AVIRTUAL MACHINE USING A PUBLIC CLOUD SERVICE PROVIDER(AZURE/GCP/AWS) CONFIGURE WITH MINIMUM CPU, RAM ANDSTORAGE 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 GROUPAND 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.

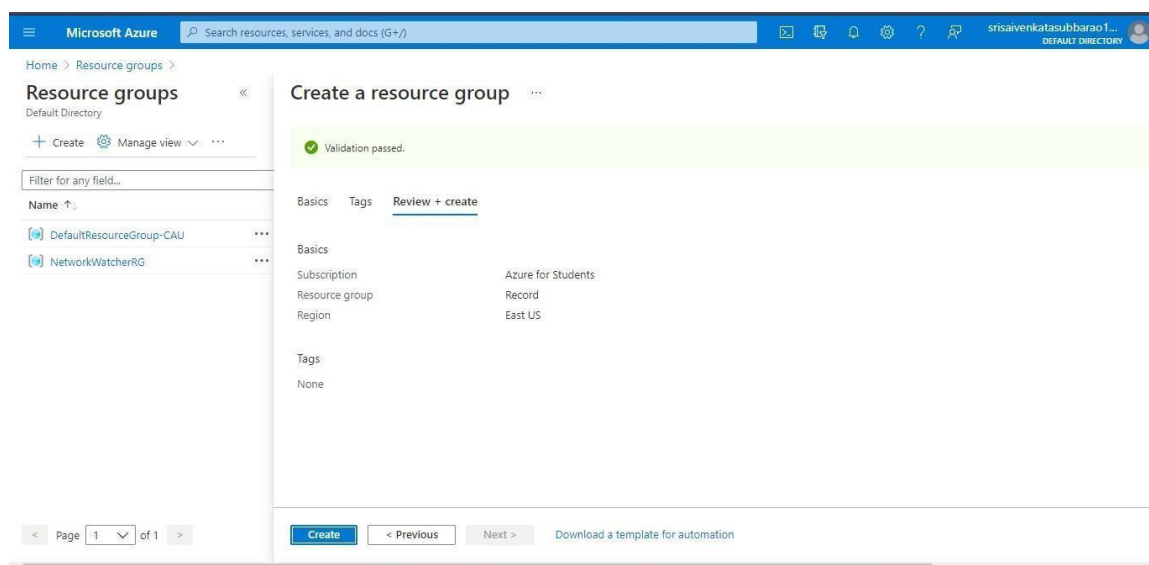
STEP7: NOW CONNECT THE VIRTUAL MACHINE AND DOWNLOAD THE RDP FILETO OPEN YOUR WINDOWS VIRTUAL MACHINE.

STEP8: CREATED A NEW WINDOWS VIRTUAL MACHINE

IMPLEMENTATION:

STEP1: CREATE AN ACCOUNT IN MICROSOFT AZURE.

STEP2: GOTO RESOURCE GROUPAND 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 includes a table for adding tags:

Name	Value	Resource
		Resource group

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

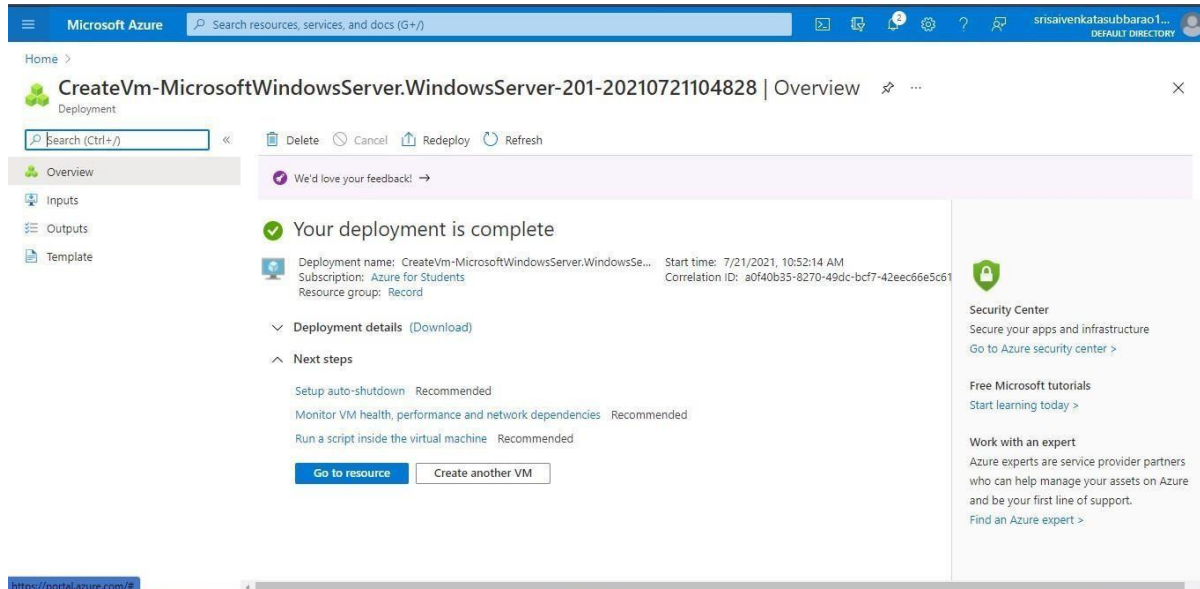
STEP4: CREATE A VIRTUAL NETWORK FOR TO CREATE A VIRTUALMACHINE .

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.

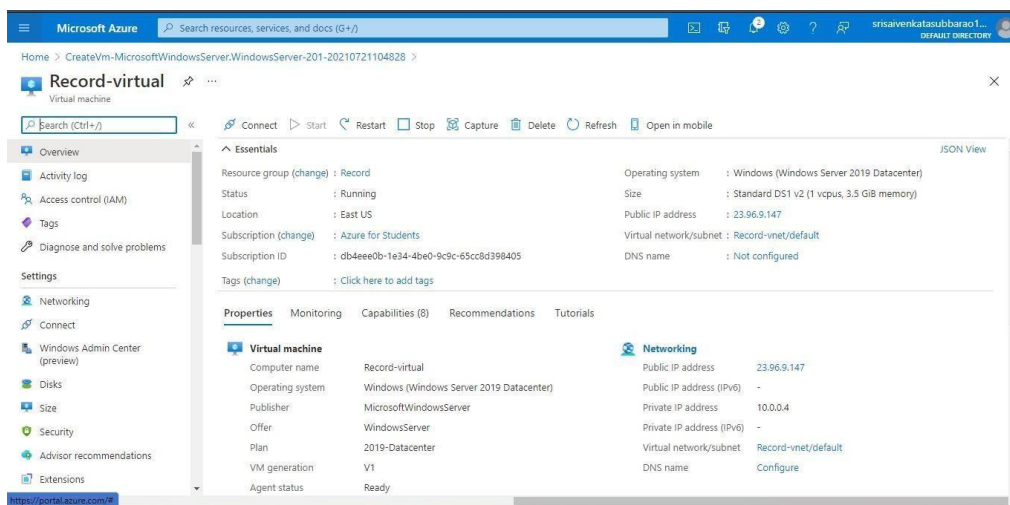
Name	Subscription	Location
DefaultResourceGroup-CAU	Azure for Students	Australia Central
NetworkWatcherRG	Azure for Students	East US
Record	Azure for Students	East US

STEP5: NOW CREATE A VIRTUAL MACHINE WITH UR IPADDRESS 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.

