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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 AND 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.

Microsoft Azure

Search resources, services, and docs (G+)



srisaivenkatasubbarao1...
DEFAULT DIRECTORY

Home > Resource groups >

Resource groups

Default Directory

+ Create

Manage view

Filter for any field...

Name ↑

DefaultResourceGroup-CAU

NetworkWatcherRG

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Create a resource group

Validation passed.

Basics

Tags

Review + create

Basics

Subscription
Resource group
Region

Azure for Students
Record
East US

Tags

None

Create

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STEP3: GIVE NECESSARY THINGS FOR RESOURCE GROUP.

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

Home > Resource groups >

Resource groups Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑

- DefaultResourceGroup-CAU
- NetworkWatcherRG

Create a resource group ...

Basics Tags Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Project details

Subscription * Azure for Students

Resource group * Record

Resource details

Region * (US) East US

Review + create < Previous Next : Tags >

Tags

Apply tags to your Azure resources to logically organize them by categories. A tag consists of a key (name) and a value. Tag names are case-insensitive and tag values are case-sensitive. [Learn more](#)

Name	Value	Resource
		Resource group

Review + create < Previous Next : Review + create >

<https://portal.azure.com/#>

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

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

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. No grouping List view

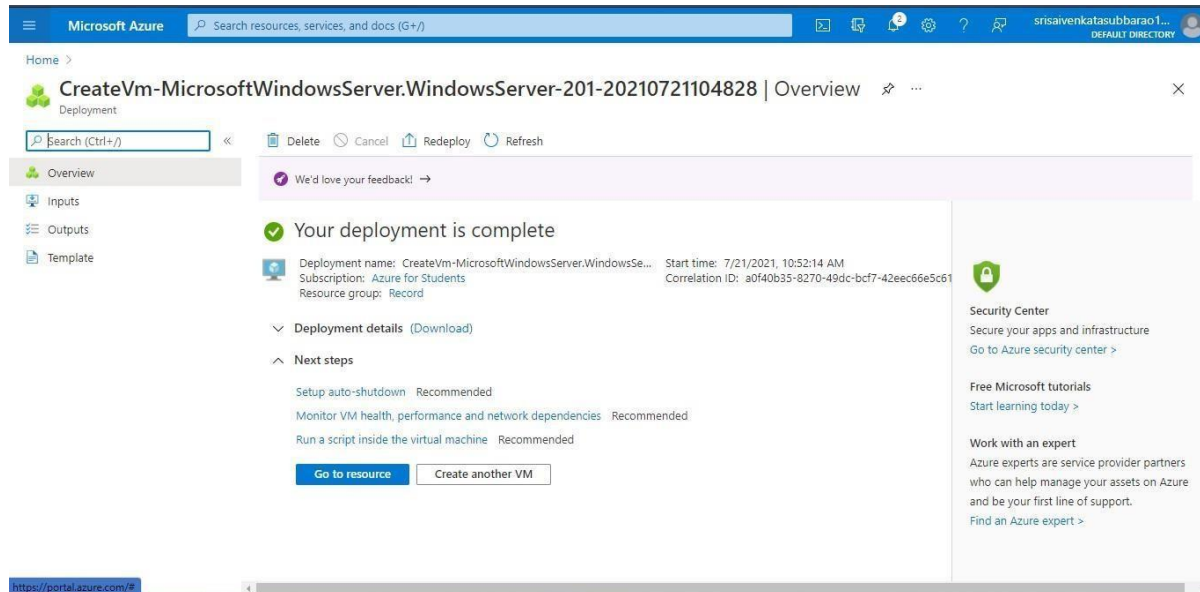
Name	Subscription	Location
DefaultResourceGroup-CAU	Azure for Students	Australia Central
NetworkWatcherRG	Azure for Students	East US
Record	Azure for Students	East US

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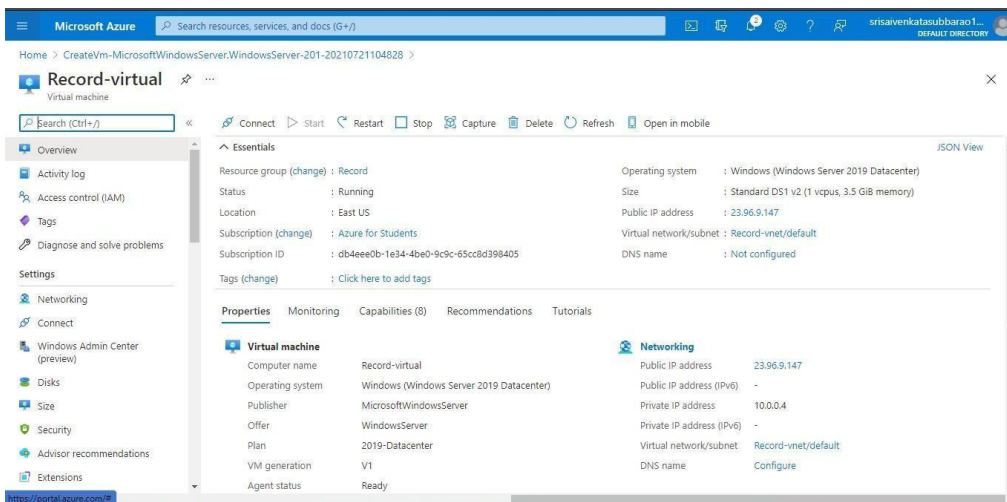
<https://portal.azure.com/#>

STEP5: NOW CREATE A VIRTUAL MACHINE WITH UR 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.

