

Exp 20 :Creating a virtual machine using public cloud services in Microsoft Azure.

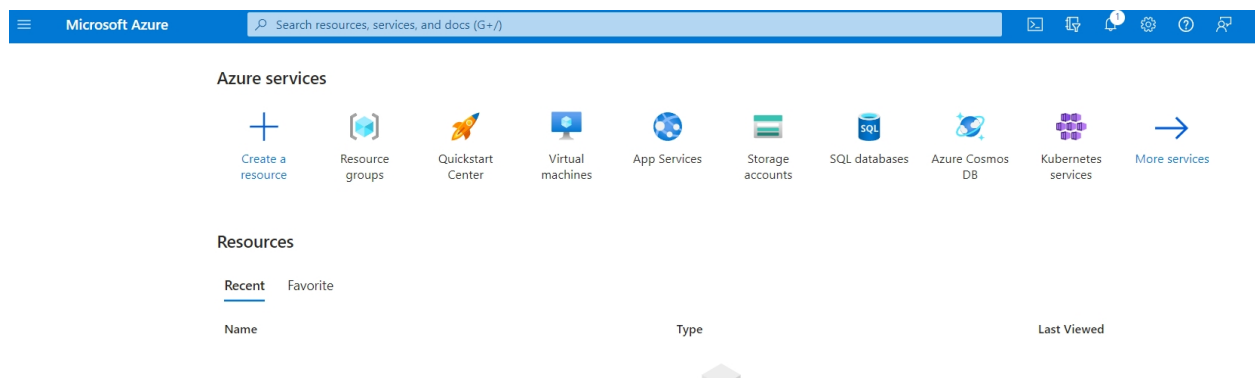
Aim

To create and configure a **Virtual Machine (VM)** using **Microsoft Azure public cloud services**, and to understand the steps involved in provisioning, accessing, and managing a VM in the cloud environment.

Procedure:

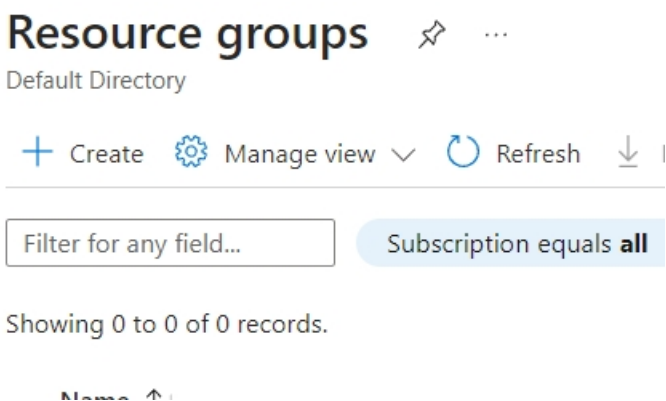
Step 1:

Click on resource group.



Step 2:

click on create.



Step 3:

Enter resource group as “record”.

Select region accordingly.

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 * ⓘ

(Asia Pacific) South India

Click on Next:Tags > .

Step 4:

Click on Next: review + create > .

Create a resource group ...

Basics **Tags** Review + create

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

Name ⓘ	Value ⓘ	Resource
<input type="text"/>	: <input type="text"/>	Resource grou

Review + create

< Previous

Next : Review + create >

Step 5 :
Click on Create .

Create a resource group ...

✔ Validation passed.

Basics Tags Review + create

Basics

Subscription	Azure for Students
Resource group	Record9
Region	South India

Tags

None

Create

< Previous

Next >

[Download a template for automation](#)

Resource group is created successfully.

Output:

A virtual machine is successfully created and accessed using Microsoft Azure. The experiment demonstrates how cloud services can provision computing resources on demand, with flexible configuration and global accessibility.

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

Filter for any field...

Subscription equals all

Location equals all

Add filter

Showing 1 to 1 of 1 records.

<input type="checkbox"/> Name ↑↓	Subscription ↑↓	Location
<input type="checkbox"/> Record9	Azure for Students	So