

EXP NO 13. Demonstrate Infrastructure as a Service (IaaS) by creating a resources group using a Public Cloud Service Provider (Azure), configure with minimum CPU, RAM, and Storage.

Aim:

To demonstrate Infrastructure as a Service (IaaS) by creating a Resource Group using a public cloud service provider (Microsoft Azure) and configuring it for minimal resource usage.

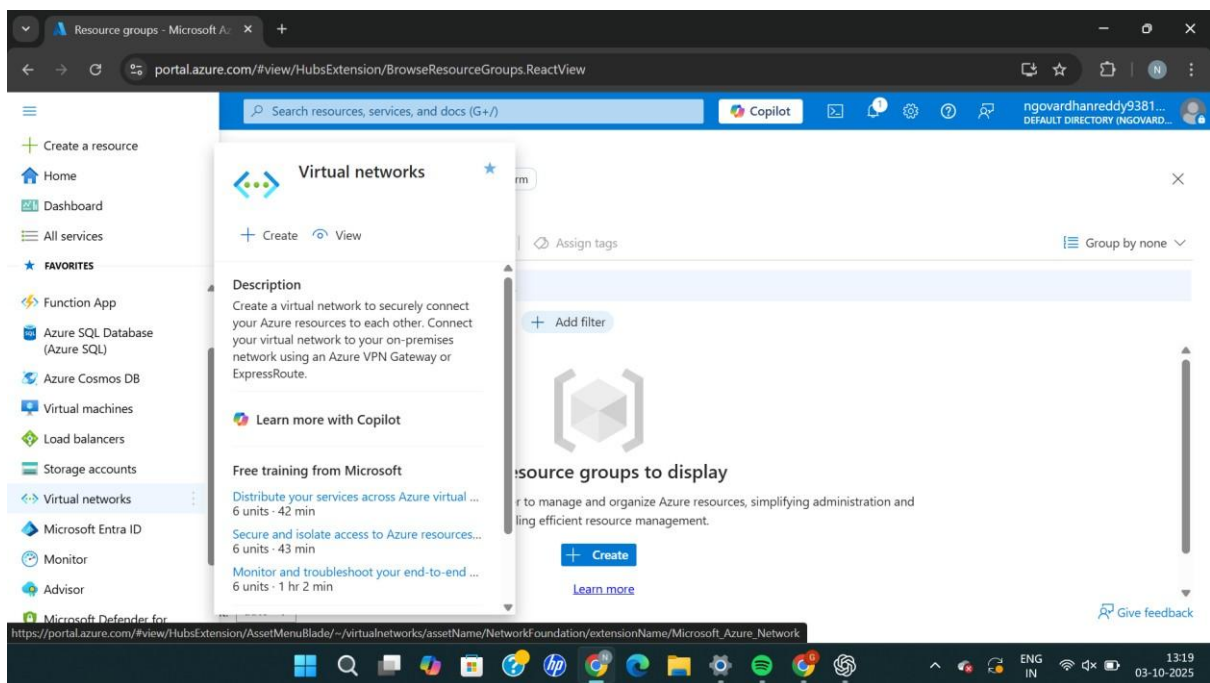
STEP1: CREATE AN ACCOUNT IN MICROSOFT AZURE.

STEP 2: CREATE A NEW RESOURCE GROUP

STEP 3: VERIFY THE RESOURCE GROUP

STEP 4: (OPTIONAL) ADD A RESOURCE

STEP 5: STOP / DELETE RESOURCE GROUP (OPTIONAL) DESIGN:



Resource groups - Microsoft Azure

portal.azure.com/#browse/resourcegroups

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

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVARD...)

Home >

Resource groups

Export resource groups using Bicep or Terraform

Default Directory (ngovardhanreddy9381@gmail996.onmicrosoft.com)

+ Create Manage view Refresh Export to CSV Open query Assign tags Group by none

You are viewing a new version of Browse experience. Click here to access the old experience.

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

No resource groups to display

Resource groups provide a logical container for related resources, simplifying administration and management.

Create new resource group

+ Create

Learn more

Showing 1 - 0 of 0. Display count: auto

https://portal.azure.com/#blade/HubsExtension/ResourceGroupCreate.ReactView

Windows taskbar: 13:16 03-10-2025

Create a resource group - Microsoft Azure

portal.azure.com/#view/HubsExtension/ResourceGroupCreate.ReactView/_provisioningContext~/7B%3A%3A89fbc78-25af-44eb-94b...

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Home > Resource groups >

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](#)

Subscription * Azure for Students

Resource group name * laaS-RG

Region * (Asia Pacific) Central India

Previous Next Review + create

Windows taskbar: 13:17 03-10-2025

The first screenshot shows the 'Create a resource group' wizard in the Microsoft Azure portal. The 'Review + create' tab is selected. Under the 'Basics' section, the 'Subscription' is 'Azure for Students', the 'Resource group name' is 'IaaS-RG', and the 'Region' is 'Central India'. The 'Tags' section shows 'None'. At the bottom, there are 'Previous', 'Next', and 'Create' buttons.

The second screenshot shows the 'Resource groups' page in the Microsoft Azure portal. A filter for 'IaaS' is applied, showing one resource group: 'IaaS-Demo-RG'. The table below shows the details of the resource groups.

Name	Subscription	Location
IaaS-Demo-RG	Azure for Students	East Asia

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Result:

A Resource Group was successfully created in Microsoft Azure, demonstrating the initial step of Infrastructure as a Service (IaaS) setup.