

LAB MANUAL

**CSA1517 - CLOUD COMPUTING AND BIG DATA
ANALYTICS FOR HADOOP APPLICATIONS**

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EXP NO 24. CREATE A STORAGE SERVICE USING ANY PUBLIC CLOUD SERVICE PROVIDER (AZURE/GCP/AWS) AND CHECK THE PUBLIC ACCESSIBILITY OF THE STORED FILE TO DEMONSTRATE STORAGE AS A SERVICE.

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 VIRTUAL MACHINE.

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:

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List of Experiments

Resource groups - Microsoft A

portal.azure.com/#browse/resourcegroups

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

192411086.simats@sav...
DEFAULT DIRECTORY (98241086...

Home >

Resource groups

Export resource groups using Bicep or Terraform

Default Directory (192411086simatsaveetha.onmicrosoft.com)

CreateManage viewRefreshExport to CSVOpen queryAssign tagsGroup by none

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

Filter for any field...Subscription equals allLocation equals allAdd filter

<input type="checkbox"/>	Name ↑	Subscription	Location
<input type="checkbox"/>	DefaultRecord	Azure for Students	East US
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Showing 1 - 3 of 3. Display count: auto

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List of Experiments

Create a resource group - Mic

portal.azure.com/#view/HubsExtension/ResourceGroupCreate.ReactView/_provisioningContext=~/7B%3A%292aa2f-98f8-42fd-8f1f-ef5eac40996c%3C%3DreferenceType"...

Microsoft Azure

Search resources, services, and docs (G+)

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Home > Resource groups >

Create a resource group

BasicsTagsReview + 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 *

Region * (US) East US

PreviousNextReview + create

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Home > Resource groups >

Create a resource group

BasicsTagsReview + create

Automation Link

Basics

Subscription

Azure for Students

Resource group name

resources

Region

East US

Tags

None

Previous

Next

Create

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portal.azure.com/#view/HubsExtension/BrowseResourceGroups.ReactView

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Create

Manage view

Refresh

Export to CSV

Open query

Assign tags

Group by none

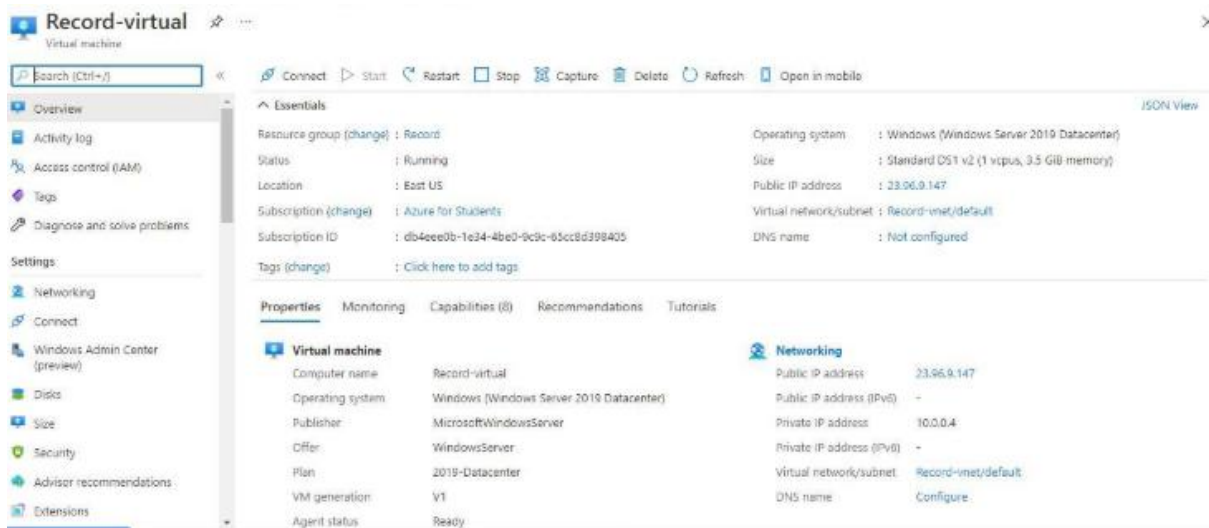
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<input type="checkbox"/>	StudRecords	... Azure for Students	East US

Showing 1 - 3 of 3. Display count: auto

Give feedback



Result:

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 has been demonstrated.