# LAB EXPERIMENTS

## 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.

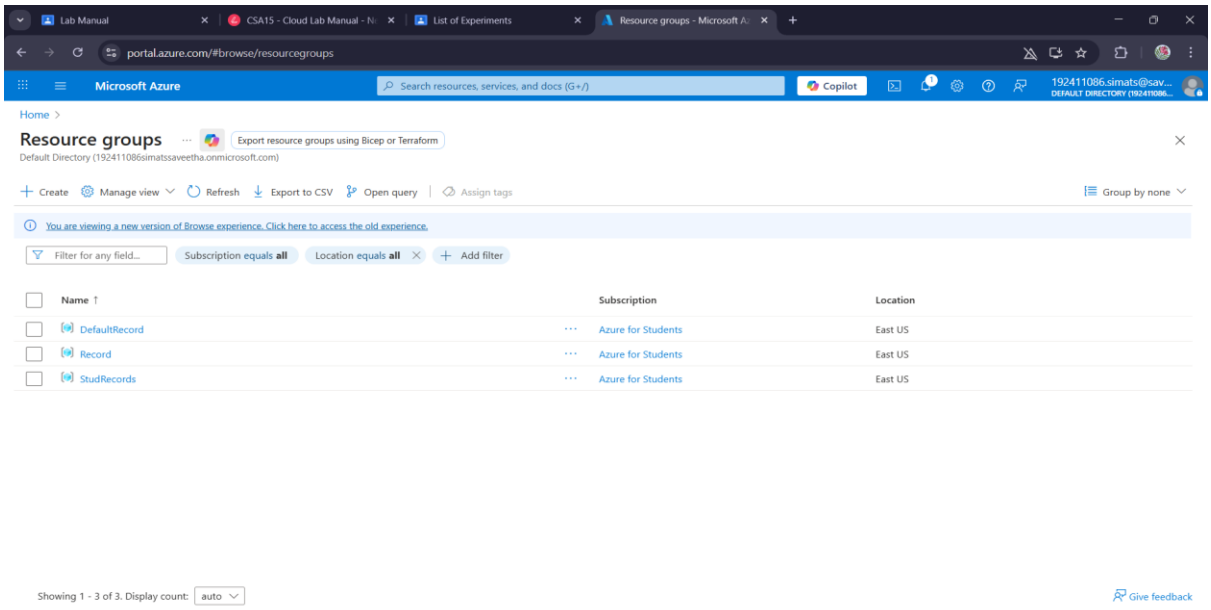
STEP6: AND YOUR VIRTUAL MACHINE IS DEPLOYED.

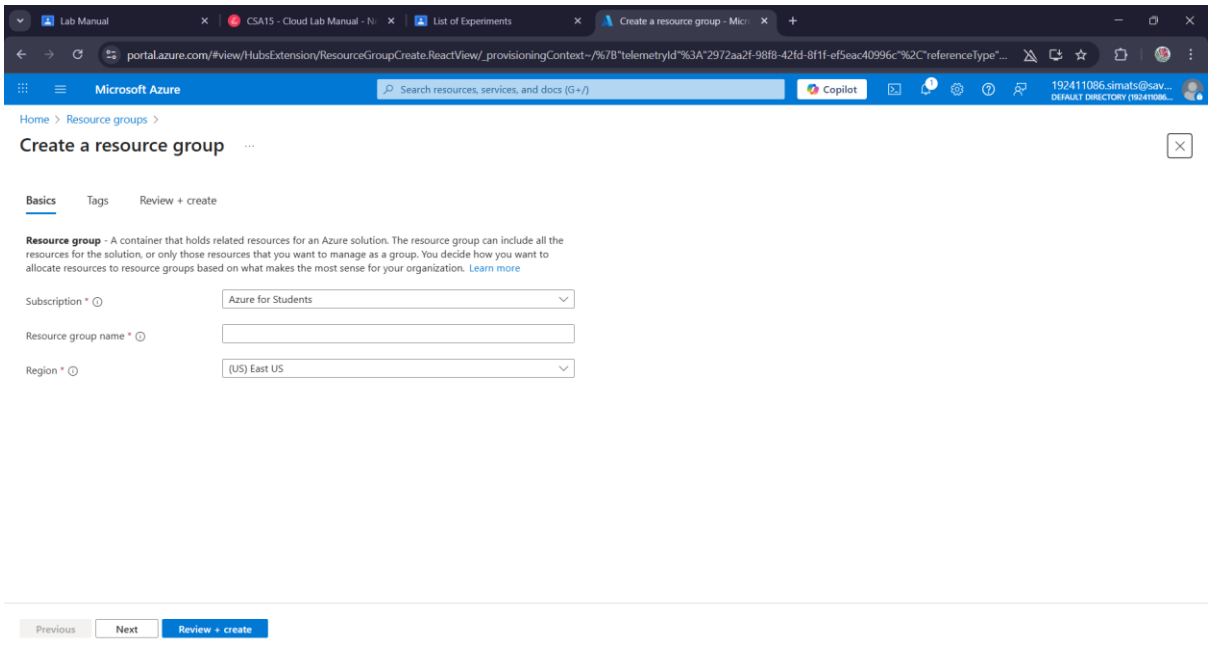
STEP7: NOW CONNECT THE VIRTUAL MACHINE AND DOWNLOAD THE RDP FILE TO OPEN YOUR

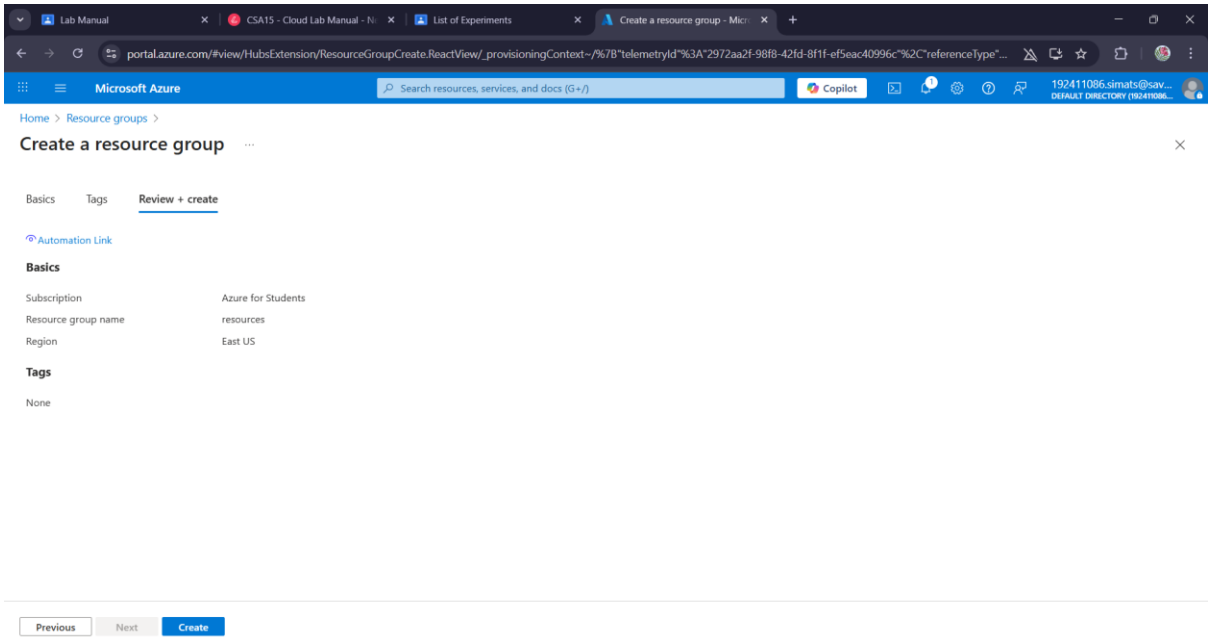
WINDOWS VIRTUAL MACHINE.

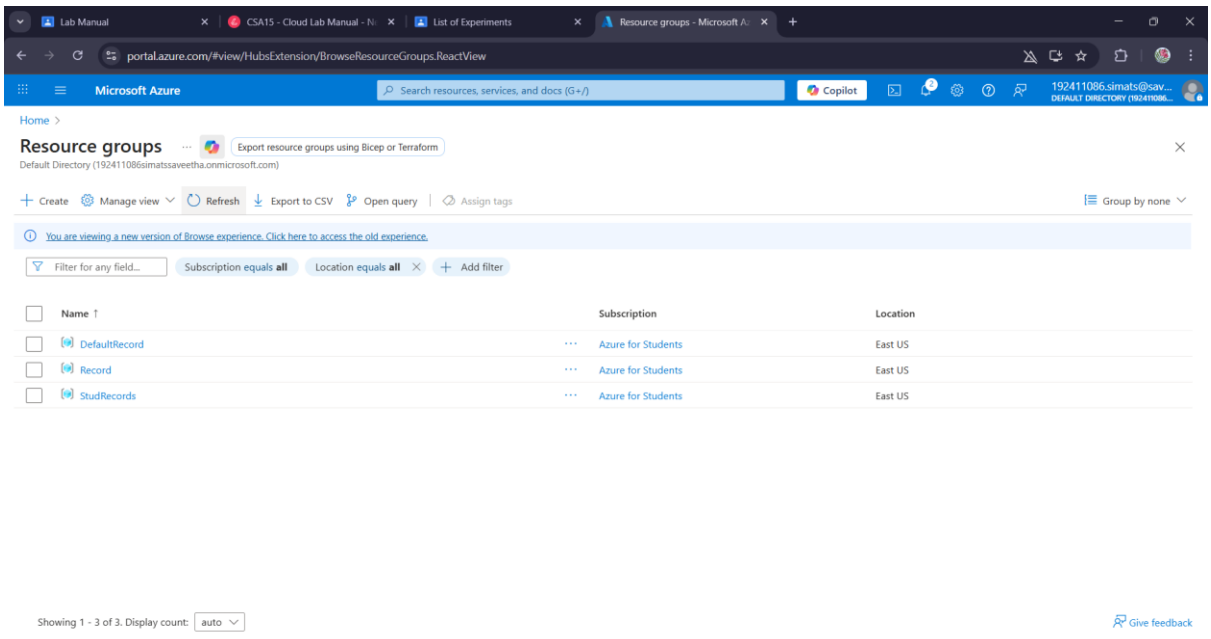
STEP8: CREATED A NEW WINDOWS VIRTUAL MACHINE

# IMPLEMENTATION:




Lab Manual
CSA15 - Cloud Lab Manual - N
List of Experiments
Create a resource group - Micr
portal.azure.com/#view/HubsExtension/ResourceGroupCreate.ReactView/_provisioningContext~/%7B"telemetryId"%3A"2972aa2f-98f8-42fd-8f1f-ef5eac40996c"%2C"referenceType"...
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
192411086.simats@sav...
DEFAULT DIRECTORY (192411086...
Home > Resource groups >
Create a resource group
Basics
Tags
Review + create
Automation Link
Basics
Subscription
Azure for Students
Resource group name
resources
Region
East US
Tags
None
Previous
Next
Create


Lab Manual
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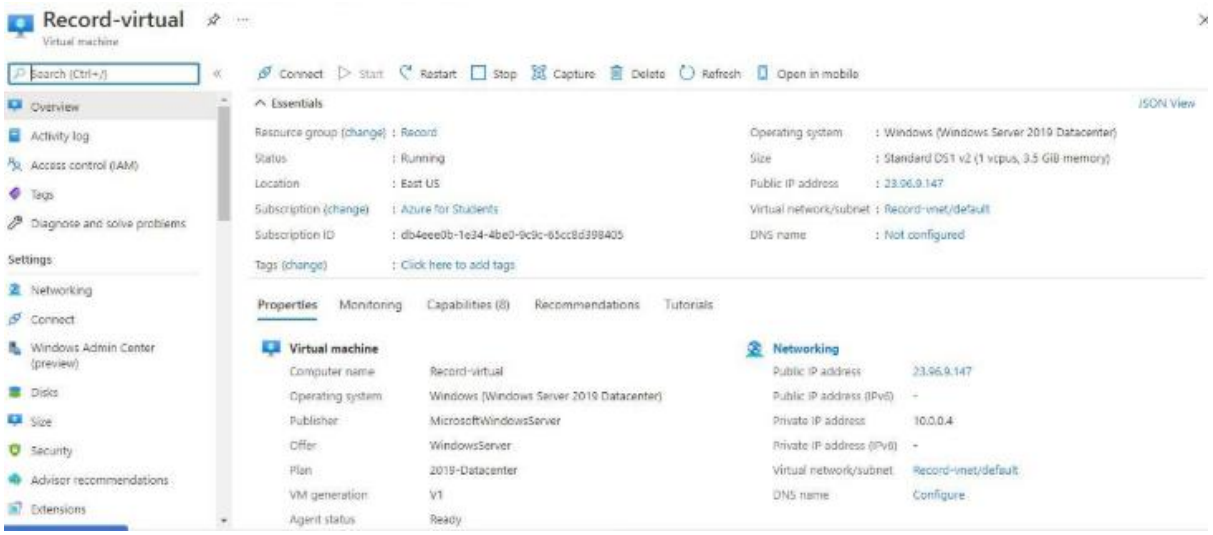
Resource groups - Microsoft A
portal.azure.com/#view/HubsExtension/BrowseResourceGroups.ReactView
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
192411086.simats@sav...
DEFAULT DIRECTORY (192411086...
Home >
Resource groups
Export resource groups using Bicep or Terraform
Default Directory (192411086simatssaveetha.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
Name
Subscription
Location
DefaultRecord
Azure for Students
East US
Record
Azure for Students
East US
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.