

LAB MANUAL

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

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EXP NO: 21. Demonstrate Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure.

AIM:

To Demonstrate Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure.

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 IPADDRESS AN USERNAME AND

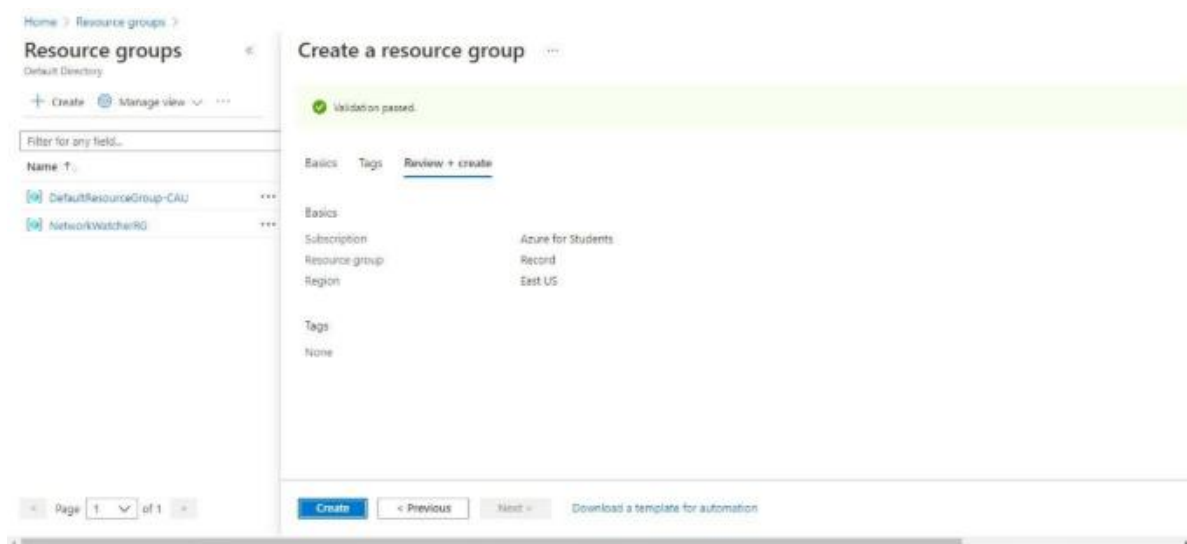
PASSWORD FOR YOUR VIRTUAL MACHINE.

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: CREATED A NEW WINDOWS VIRTUAL MACHINE

IMPLEMENTATION:



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

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

1

Resource group

Review + create

< Previous

Next: Review + create >

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	

< Previous

Page 1 of 1

Next >

Record-virtual

Virtual machine

Search (Ctrl+F)

Connect

Start

Restart

Stop

Capture

Delete

Refresh

Open in mobile

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Networking

Connect

Windows Admin Center (preview)

Disks

Size

Security

Advisor recommendations

Extensions

Essentials

Resource group (change)

Status

Location

Subscription (change)

Subscription ID

Tags (change)

Record

Running

East US

Azure for Students

db4ee62b-1e34-48e0-9c8c-95cc83399402

Click here to add tags

Operating system

Size

Public IP address

Virtual network/subnet

DNS name

Windows (Windows Server 2019 Datacenter)

Standard_DS3_v2 (1 vcpus, 5.5 GB memory)

23.95.8.147

Record-vnet/default

Not configured

JSON View

Properties

Monitoring

Capabilities (0)

Recommendations

Tutorials

Virtual machine

Computer name

Operating system

Publisher

Offer

Plan

VM generation

Agent status

Record-virtual

Windows (Windows Server 2019 Datacenter)

MicrosoftWindowsServer

WindowsServer

2019-Datacenter

V1

Ready

Networking

Public IP address

Public IP address (IPv6)

Private IP address

Private IP address (IPv6)

Virtual network/subnet

DNS name

23.95.8.147

-

10.0.2.4

-

Record-vnet/default

Configure

**Result:**

Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure has been demonstrated.