

EXP 20. Demonstrate Infrastructure as a Service (IaaS) by establishing the remote connection, launch the created VM image and run in your desktop using Azure.

AIM:

To demonstrate Infrastructure as a Service (IaaS) by establishing the remote connection, launch the created VM image and run in your desktop using Azure.

Date:3.10.2025

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 AVIRTUAL NETWORK FOR TO CREATE AVIRTUALMACHINE.

STEP5: NOW CREATE A VIRTUAL MACHINE WITH UR IPADDRESS ANUSERNAME AND

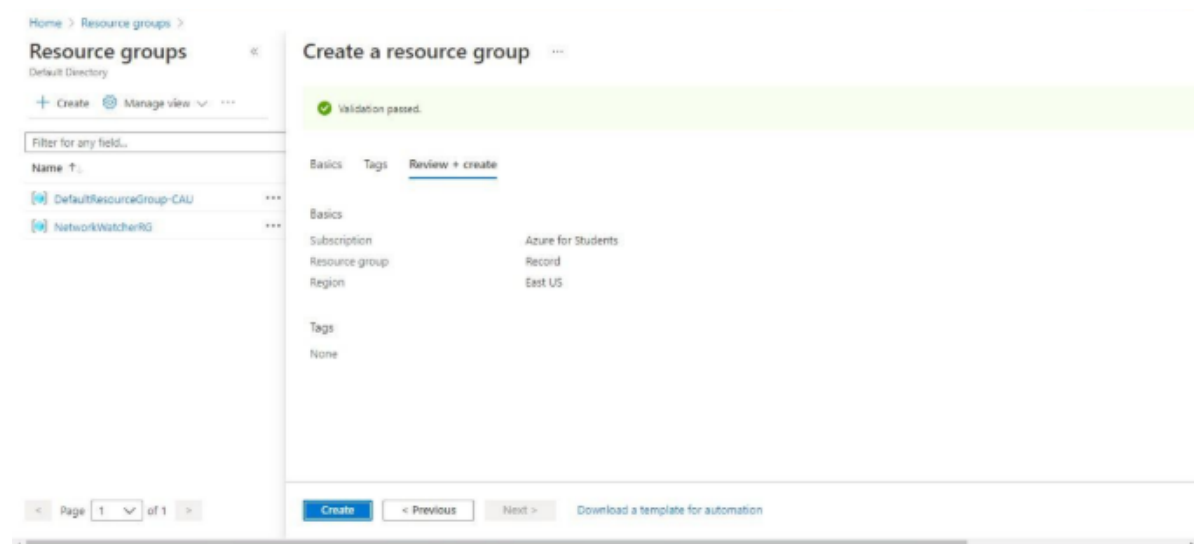
PASSWORD FOR YOUR VIRTUAL MACINE.

STEP6: AND YOUR VIRTUAL MACHINE IS DEPLOYED.

STEP7: NOW CONNECT THE VIRTUAL MACHINE AND DOWNLOAD THE RDP FILETO OPEN YOUR WINDOWS VIRTUAL MACHINE.

STEP8: CREATED ANEW 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

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 ↑	
<input type="checkbox"/> DefaultResourceGroup-CAU	Azure for Students	Australia Central	...
<input type="checkbox"/> NetworkWatcherRG	Azure for Students	East US	...
<input type="checkbox"/> 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)

Operating system

Size

Public IP address

Virtual network/subnet

DNS name

Record

Running

East US

Azure for Students

db4eeadb-1434-4b40-9c3c-930c8399405

Click here to add tags

Windows (Windows Server 2019 Datacenter)

Standard_DS1_v2 (1 vcpus, 3.5 GiB memory)

23.95.3.147

Record-vnet/default

not configured

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

VI

Ready

Networking

Public IP address

Public IP address (IPv6)

Private IP address

Private IP address (IPv6)

Virtual network/subnet

DNS name

23.95.3.147

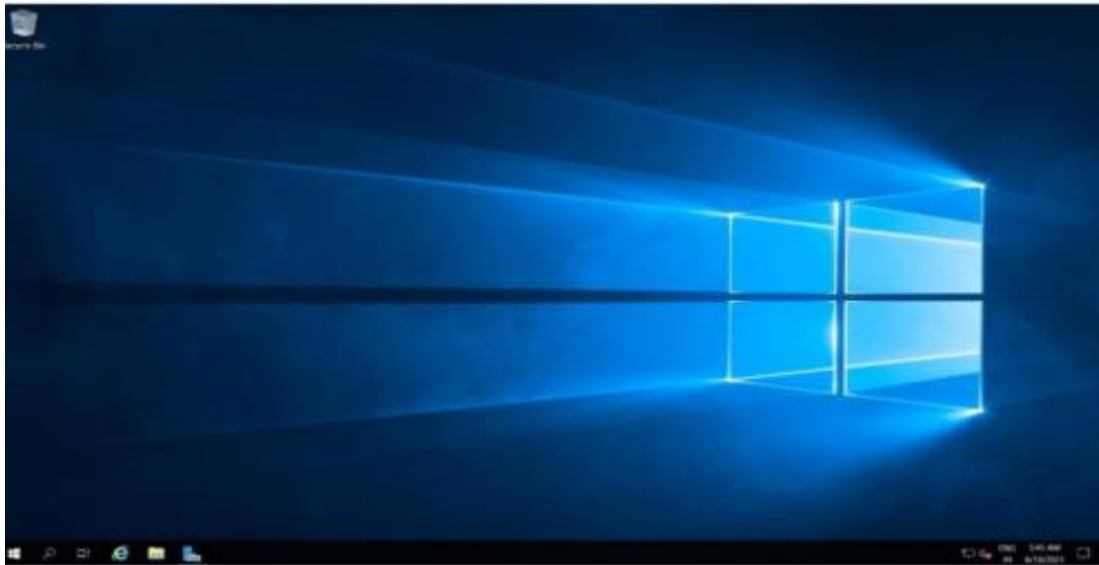
-

10.0.0.4

-

Record-vnet/default

Configure



Result:

Infrastructure as a Service (IaaS) by establishing the remote connection, launch the created VM image and run in your desktop using Azure has been demonstrated.