

Date: 11/01/23

Exp: 14

Aim Demonstrate infrastructure as a Service (IaaS) by establishing the remote connection, launch the created VM image and run in your desktop.

Procedure:-

- (i) Create an account in MS Azure
- (ii) Goto Virtual machines.
- (iii) Click on the created VM
- (iv) Connect the Virtual machine to the network by using your IP address and login credentials.
- (v) RDP file will be downloaded in your desktop.
- (vi) After entering Login credentials, it will launch the Virtual machine.
- (vii) Finally VM image is displayed & launched.

Output:-

Result :-

Hence, Establishing the remote connection and launching created VM image in desktop has been established successfully.

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Name ↑	Type ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓	Size ↑↓	Public IP address ↑↓	Disk 1
<input type="checkbox"/> VM1	Virtual machine	Azure for Students	VMlab	Central India	Running	Windows	Standard_DS1_v2	20.193.129.222	1

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Microsoft Azure

Virtual machines > VM1

VM1 | Networking

Name: vm187_z1

IP configuration: ipconfig1 (Primary)

Network Interface: vm187_z1

Effective security rules Troubleshoot VM connection issues Topology

Virtual network/subnet: VMLab-vnet/default NIC Public IP: 20.193.129.222 NIC Private IP: 10.0.0.4 Accelerated networking: Enabled

Inbound port rules

Priority	Name	Port	Protocol	Source	Destination
300	RDP	3389	TCP	Any	Any
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork
65001	AllowAzureLoadBalancerInBo...	Any	Any	AzureLoadBalancer	Any
65500	DenyAllInBound	Any	Any	Any	Any

Add inbound port rule

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RDP SSH Bastion

Connect with RDP

To improve security, enable just-in-time access on this VM. →

Suggested method for connecting

To connect to your virtual machine via RDP, select an IP address, optionally change the port number, and download the RDP file.

IP address * Public IP address (20.193.129.222)

Port number * 3389

Download RDP File

Can't connect? Test your connection Troubleshoot RDP connectivity issues

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Settings Networking Connect

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VM1 | Connect

Remote Desktop Connection

The identity of the remote computer cannot be verified. Do you want to connect anyway?

The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.

Certificate name Name in the certificate from the remote computer: VM1

Certificate errors The following errors were encountered while validating the remote computer's certificate:

The certificate is not from a trusted certifying authority.

Do you want to connect despite these certificate errors?

Don't ask me again for connections to this computer

[View certificate...](#) Yes No

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VM1 | Connect Virtual machine

Windows Security

Enter your credentials

These credentials will be used to connect to 20.193.129.222.

BHARGAV Password DESKTOP-NH9Q9T9\bhargav

Remember me

More choices OK Cancel

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Remember me

More choices OK Cancel

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Overview Activity log Access control (IAM) Tags Diagnose and solve problems Settings Networking Connect Windows Admin Center Disks Size Microsoft Defender for Cloud Advisor recommendations Extensions + applications Continuous delivery Availability + scaling

To improve security, enable just-in-time access on this VM. →

Remote Desktop Connection

The publisher of this remote connection can't be identified. Do you want to connect anyway?

This remote connection could harm your local or remote computer. Do not connect unless you know where this connection came from or have used it before.

Publisher: Unknown publisher Type: Remote Desktop Connection Remote computer: 20.193.129.222

Don't ask me again for connections to this computer

Show Details Connect Cancel

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