

Lab 2

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DevOps assignment

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Task 1:

The screenshot displays the Microsoft Azure portal interface. At the top, the header includes the Microsoft Azure logo, a search bar, and the user profile 'kebad58@gmail.com'. The breadcrumb trail shows 'Home > vnet1-1744979014553 | Overview >'. The main content area is titled 'vnet1 Virtual network'. On the left, a sidebar lists navigation options: Overview (selected), Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Settings, Monitoring, Automation, and Help. The main panel shows the 'Overview' tab with a search bar and action buttons (Move, Delete, Refresh, Give feedback). Below this, the 'Essentials' section lists key properties: Resource group (Ebad), Location (East US), Subscription (Azure for Students), and Subscription ID. To the right, it shows Address space (10.0.0.0/16), DNS servers (Azure provided DNS service), BGP community string (Configure), and Virtual network ID. The 'Capabilities (5)' section is expanded, showing three cards: DDoS protection (Not configured), Azure Firewall (Not configured), and Peerings (Not configured). The bottom of the page has a footer with the text 'Add or remove favorites by pressing Ctrl+Shift+F'.

Task 2:

The screenshot displays the Microsoft Azure portal interface for a virtual machine named 'vm1'. The breadcrumb trail shows 'Home > vm1'. The main content area is titled 'vm1 | Connect Virtual machine'. On the left, a sidebar lists navigation options: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Connect (selected), Bastion, Windows Admin Center, Networking, Settings, Availability + scale, Security, and Backup + disaster recovery. The main panel shows the 'Connect' tab with a search bar and a list of connection methods. The 'Most common' section highlights 'Native RDP' with a description: 'Connect via native RDP without any additional software needed. Recommended for testing only.' It also shows the 'Public IP address (172.191.146.23)'. Below this, there are buttons for 'Select' and 'Download RDP file'. The bottom of the page shows a Windows taskbar with various application icons and a system tray displaying the date and time (4:19 am, 06/04/2025).

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

kebad58@gmail.com

Home >

vm2
Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

Automation

Advisor (1 of 2): Use Azure Capacity Reservation for virtual machine (VM) →

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback CU / PS

Essentials

Resource group (move) : [YNResourceGroup](#)

Status : Running

Location : East US

Subscription (move) : [Azure subscription 1](#)

Subscription ID : b66021fe-798c-48c3-b945-4826f4575449

Operating system : Windows (Windows Server 2019 Datacenter)

Size : Standard B1s (1 vcpu, 1 GiB memory)

Public IP address : [13.92.195.73](#)

Virtual network/subnet : [Vnet1/default](#)

DNS name : [Not configured](#)

Health state : -

Time created : 4/5/2025, 3:54 PM UTC

Tags (edit) : [Add tags](#)

JSON View

Properties Monitoring Capabilities (8) Recommendations (2) Tutorials

Windows Security

Who and what can access your networks.

Windows Defender Firewall is using settings that may make your device unsafe.

Restore settings

Domain network

Firewall is off.

Turn on

Private network

Firewall is off.

Turn on

Public network (active)

Firewall is off.

Turn on

Windows Community videos

Learn more about Firewall & network protection

Who's protecting me?

Manage providers

Change your privacy settings

View and change privacy settings for your Windows 10 device.

Privacy settings

Privacy dashboard

Privacy Statement

Settings

11:15 PM 4/5/2025

```
vm1 - 172.203.218.116:3389 - Remote Desktop Connection
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\azureuser> ping vm2

Pinging vm2.kxfqy4qc4dvejev2t1bz3e1mg.bx.internal.cloudapp.net [10.0.0.5] with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 10.0.0.5:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
PS C:\Users\azureuser> ping vm2

Pinging vm2.kxfqy4qc4dvejev2t1bz3e1mg.bx.internal.cloudapp.net [10.0.0.5] with 32 bytes of data:
Request timed out.
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PS C:\Users\azureuser> ping vm2

Pinging vm2.kxfqy4qc4dvejev2t1bz3e1mg.bx.internal.cloudapp.net [10.0.0.5] with 32 bytes of data:
Reply from 10.0.0.5: bytes=32 time<1ms TTL=128
Reply from 10.0.0.5: bytes=32 time<1ms TTL=128
Reply from 10.0.0.5: bytes=32 time<1ms TTL=128
Reply from 10.0.0.5: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
PS C:\Users\azureuser> 
```