



# ***SZABIST***

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Section	BSCS 8 <sup>th</sup> A
Course	Introduction to DevOps
Instructor	Tariq Khan Ghouri

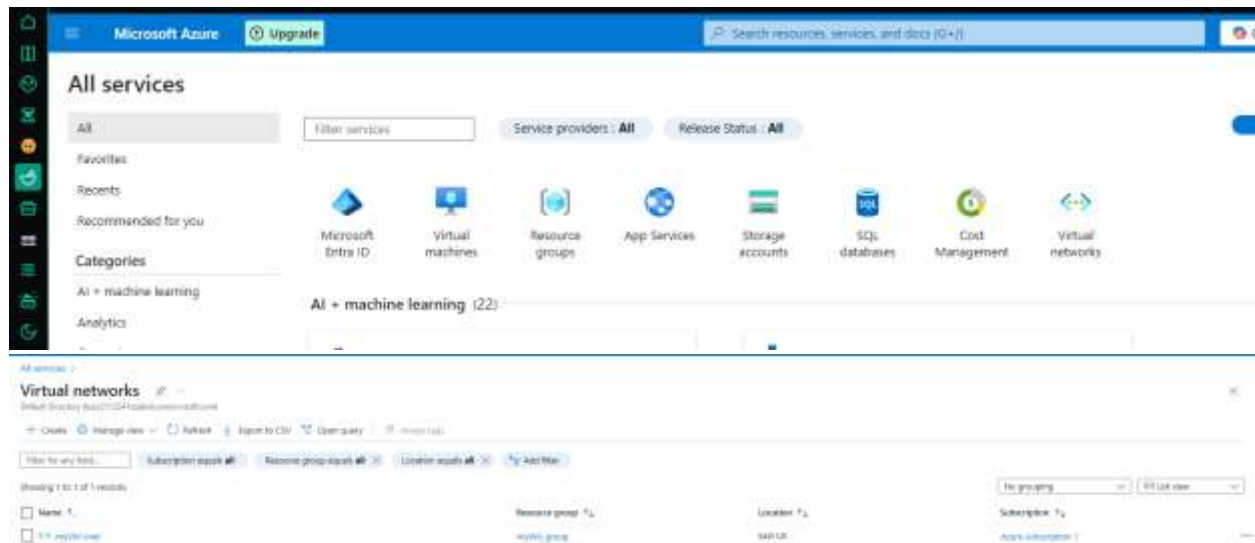
# DevOps

## LAB02

By Umer Amir \_ 2112241

M. Taha Jamal \_ 2112244

### TASK 1:



# Create virtual network ...

- Basics
- Security
- IP addresses
- Tags
- Review + create

[View automation template](#)

## Basics

Subscription	Azure subscription 1
Resource Group	vnet1_group
Name	vnet1
Region	East US

## Security

Azure Bastion	Disabled
Azure Firewall	Disabled
Azure DDoS Network Protection	Disabled

## IP addresses

Address space	10.0.0.0/16 (65,536 addresses)
Subnet	default (10.0.0.0/24) (256 addresses)

## Tags

## TASK 2:

[illegible]

Microsoft Azure | Upgrade | Search resources, services, and docs (Ctrl-F) | Create VM

Home | CreateVm-MicrosoftWindowsServer.WindowsServer-201-20250408184518 | Overview

Deployment

Search

Overview | Health | Outputs | Templates

**Your deployment is complete**

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsServer-201-20250408184518 | Start time: 4/8/2025, 4:45:49 PM | Correlation ID: f0e5c7f-d813-4231-8a8a-481c3d3a2117

Subscription: Azure subscription 1 | Resource group: test

Deployment details

Next steps

Setup auto-extensions | Recommended

Monitor VM health, performance and network dependencies | Recommended

Run a script inside the virtual machine | Recommended

[Go to resource](#) | [Create another VM](#)

Give feedback

Let us know about your experience with deployment

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Microsoft Azure | Upgrade | Search resources, services, and docs (Ctrl-F) | Create VM

Home | CreateVm-MicrosoftWindowsServer.WindowsServer-201-20250408185204 | Overview

Deployment

Search

Overview | Health | Outputs | Templates

**Your deployment is complete**

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsServer-201-20250408185204 | Start time: 4/8/2025, 4:52:02 PM | Correlation ID: 48782d7f-6c36-469f-b91c-4569-fa3d3a2117

Subscription: Azure subscription 1 | Resource group: test

Deployment details

Next steps

Setup auto-extensions | Recommended

Monitor VM health, performance and network dependencies | Recommended

Run a script inside the virtual machine | Recommended

[Go to resource](#) | [Create another VM](#)

Give feedback

Let us know about your experience with deployment

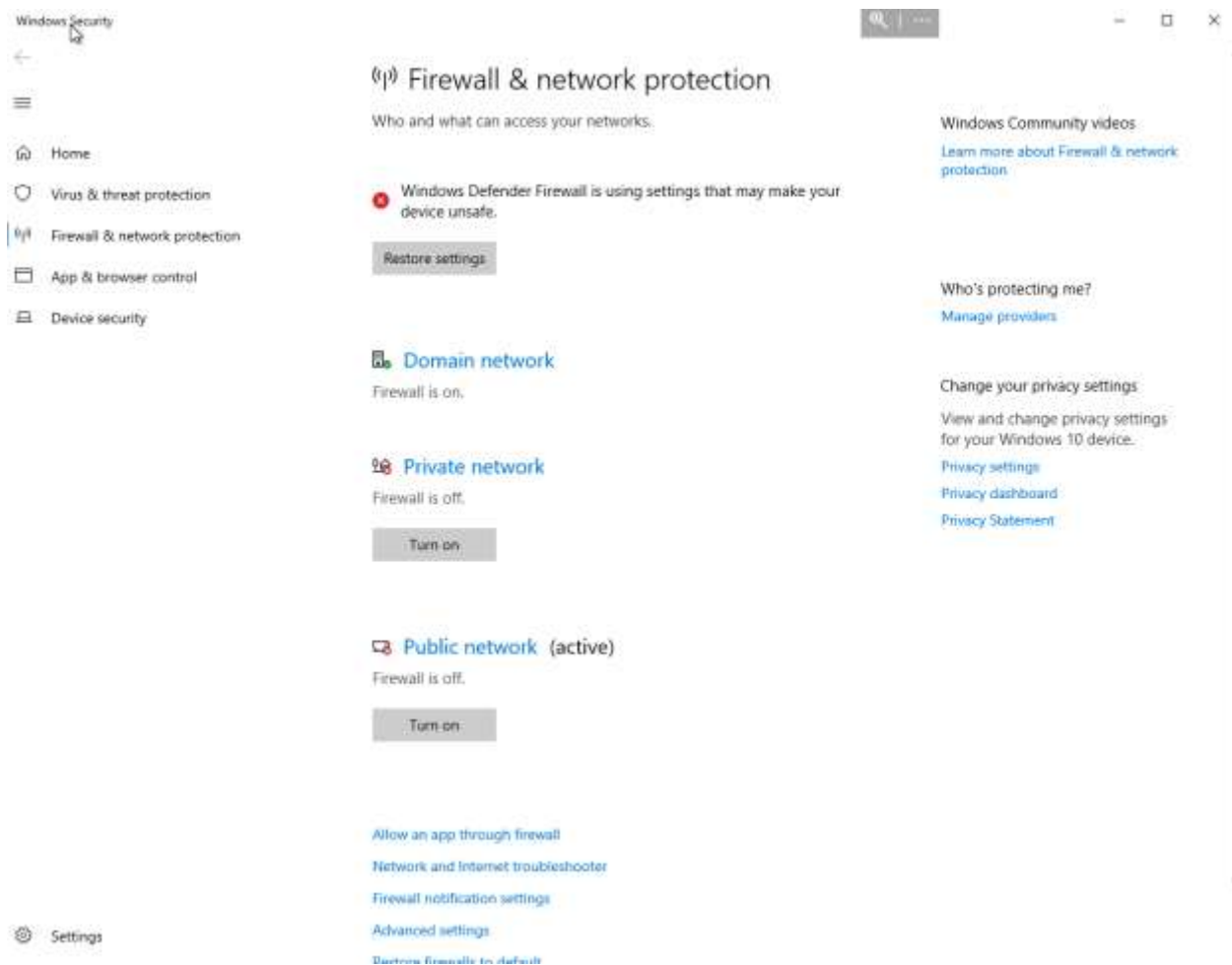
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### TASK 3:



```
C:\Users\azureuser> ping vm2

Pinging vm2.1c33qjzxfucepdynxs114c5gee.bx.internal.cloudapp.net [10.0.0.5] with 32 bytes of data:
Reply from 10.0.0.5: bytes=32 time=5ms 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=4ms 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 = 1ms, Maximum = 5ms, Average = 2ms
PS C:\Users\azureuser>
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\azureuser> ping vm1

Pinging vm1.1c33qjzxfucepdynxs114c5gee.bx.internal.cloudapp.net [10.0.0.4] with 32 bytes of data:
Reply from 10.0.0.4: bytes=32 time=2ms TTL=128
Reply from 10.0.0.4: bytes=32 time=1ms TTL=128
Reply from 10.0.0.4: bytes=32 time=1ms TTL=128
Reply from 10.0.0.4: bytes=32 time=1ms TTL=128

Ping statistics for 10.0.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 2ms, Average = 1ms
PS C:\Users\azureuser> ■
```