AZURE Assignment 2 – Introduction to DevOps
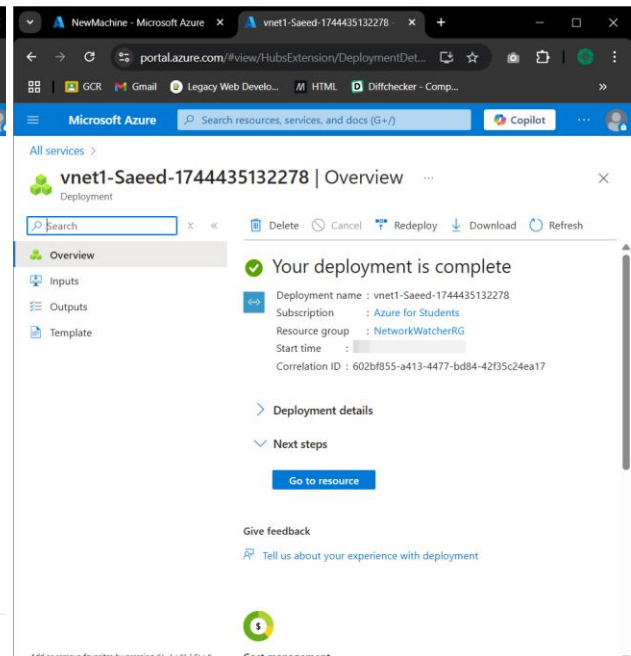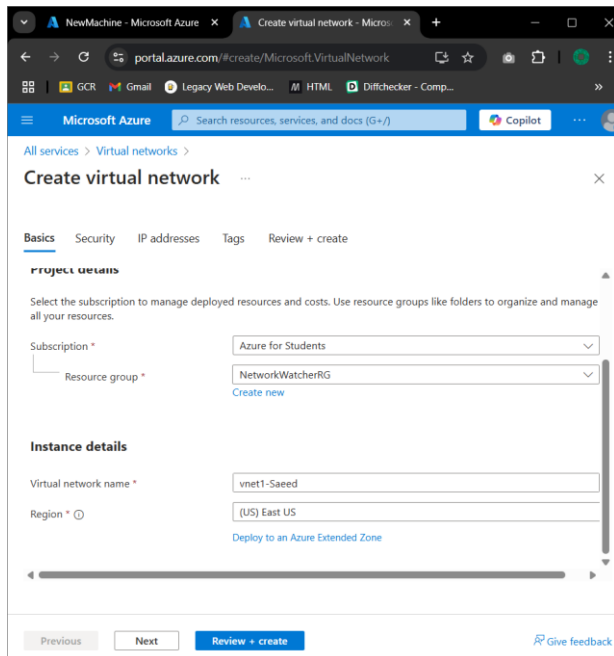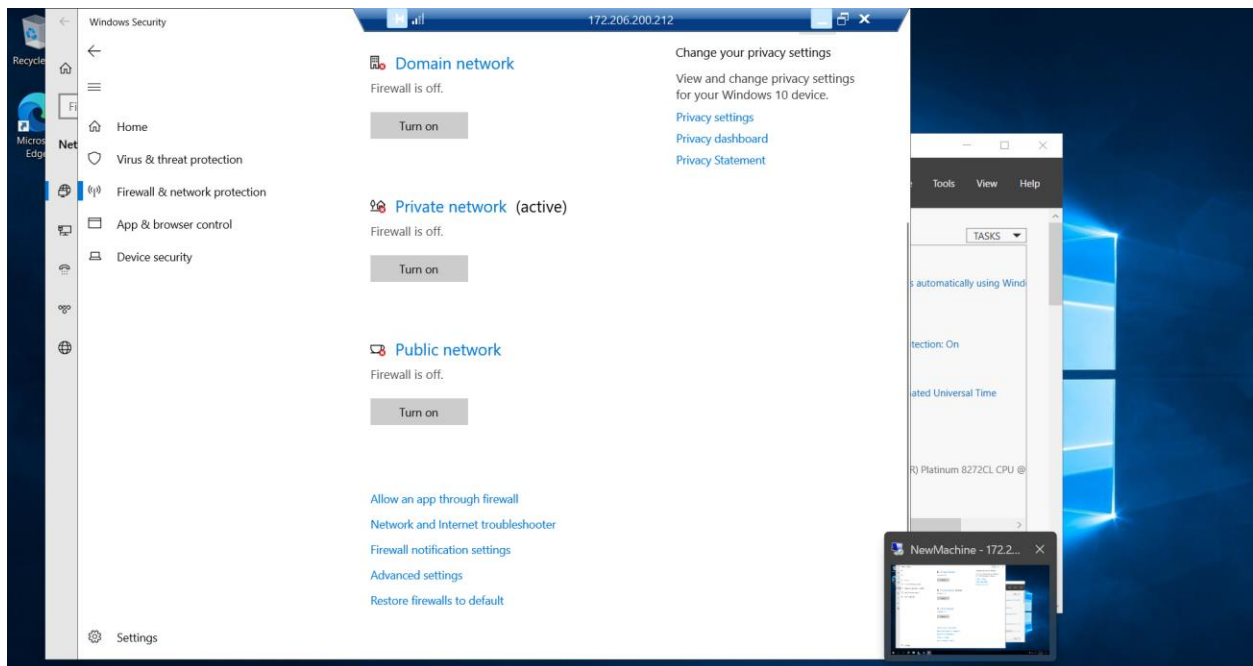
Creating a Virtual Network

Saeedulkhair – 2212302   Luvai Yahya – 2212290

TASK 1

TASK 2

Create a virtual machine

☑ Validation passed

| Help me create a low cost VM | Help me create a VM optimized for high availability |
| Help me choose the right VM size for my workload |

Basics   Disks   Networking   Management   Monitoring   Advanced   Tags   **Review + create**

Price

1 X Standard D2s v3
by Microsoft
Terms of use | Privacy policy

Subscription credits apply ⓘ
0.1880 USD/hr
Pricing for other VM sizes

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the Azure Marketplace Terms for additional details.

⚠ **You have set RDP port(s) open to the internet.** This is only recommended for testing. If you want to change this setting, go back to Basics tab.

Basics

Subscription	Azure for Students
Resource group	NewMachine_group
Virtual machine name	NewMachine2
Region	East US
Availability options	No infrastructure redundancy required
Zone options	Self-selected zone
Security type	Standard
Image	Windows Server 2019 Datacenter - Gen2
VM architecture	x64
Size	Standard D2s v3 (2 vcpus, 8 GiB memory)
Enable Hibernation	No
Username	azureuser_Saeed
Public inbound ports	RDP
Already have a Windows license?	No
Azure Spot	No

Disks

OS disk size	Image default
OS disk type	Premium SSD LRS
Use managed disks	Yes
Delete OS disk with VM	Enabled
Ephemeral OS disk	No

Networking

Virtual network	NewMachine-vnet
Subnet	default (10.0.0.0/24)
Public IP	(new) NewMachine2-ip
Accelerated networking	On
Place this virtual machine behind an existing load balancing solution?	No
Delete public IP and NIC when VM is deleted	Disabled

Management

Microsoft Defender for Cloud	None
System assigned managed identity	Off
Login with Microsoft Entra ID	Off
Auto-shutdown	Off
Enable periodic assessment	Off
Enable hotpatch	Off
Patch orchestration options	OS-orchestrated patching: patches will be installed by OS

Monitoring

Alerts	Off
Boot diagnostics	On
Enable OS guest diagnostics	Off
Enable application health monitoring	Off

Advanced

Extensions	None
VM applications	None
Cloud init	No
User data	No
Disk controller type	SCSI
Proximity placement group	None
Capacity reservation group	None

| < Previous | Next > | **Create** | Download a template for automation | Give feedback |

TASK 3