

AZURE Assignment 1 – Introduction to DevOps

Creating a Virtual Machine

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TASK 1 - Creating a Virtual Machine

Microsoft Azure

Search resources, services, and docs (G+/I)

Copilot

bcbs2212290@szabist...
DEFAULT DIRECTORY

All services > Compute infrastructure | Virtual machines >

Create a virtual machine

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

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. [Learn more](#)

This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Azure for Students

Resource group * (New) Create_New
[Create new](#)

Instance details

Virtual machine name * myVM

Region * (US) East US

Availability options No infrastructure redundancy required

Security type Trusted launch virtual machines
[Configure security features](#)
Trusted launch virtual machine is required when using 1P Gallery images.

Image * Windows Server 2019 Datacenter - x64 Gen2
[See all images](#) | [Configure VM generation](#)

VM architecture ☐ Arm64 ☒ x64
Arm64 is not supported with the selected image.

Run with Azure Spot discount ☐

Size * Standard_D2s_v3 - 2 vcpus, 8 GiB memory (\$137.24/month)
[See all sizes](#)

Enable Hibernation ☐
Hibernation is not supported by the size that you have selected. Choose a size that is compatible with Hibernation to enable this feature. [Learn more](#)

Administrator account

Username * azureuser_saeed

Password *

Confirm password *

Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports * ☐ None ☒ Allow selected ports

Select inbound ports * HTTP (80), RDP (3389)

This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

< Previous Next: Disks > Review + create

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Diagnostics

Boot diagnostics ☐ Enable with managed storage account (recommended) ☐ Enable with custom storage account ☒ Disable


✔ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe...

Subscription: [Azure for Students](#)

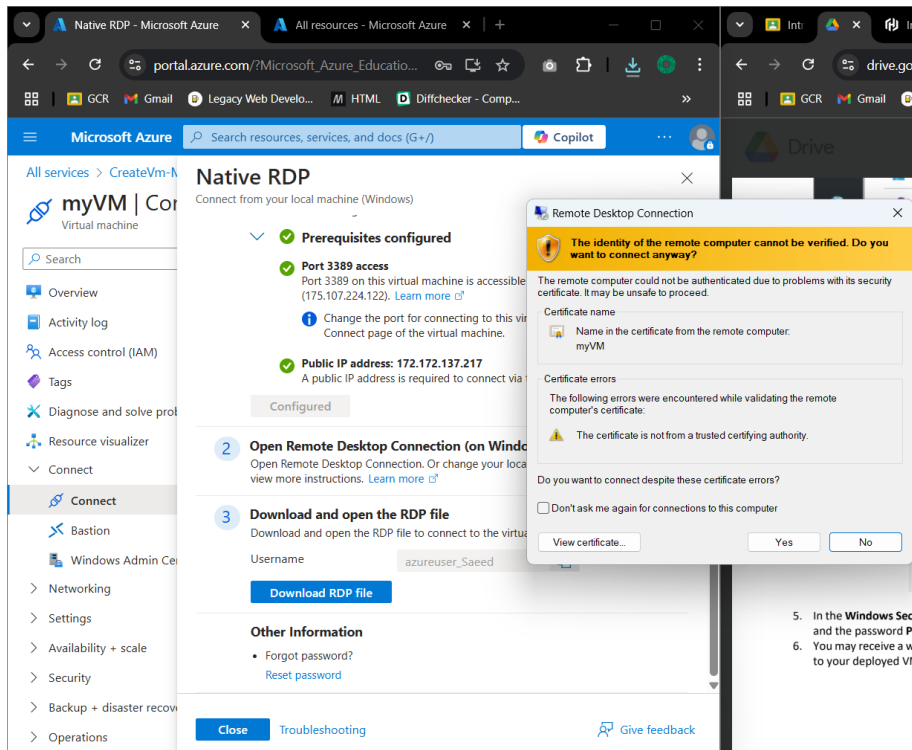
Resource group: [Create_New](#)

Start time: 4/12/2025, 8:39:09 AM

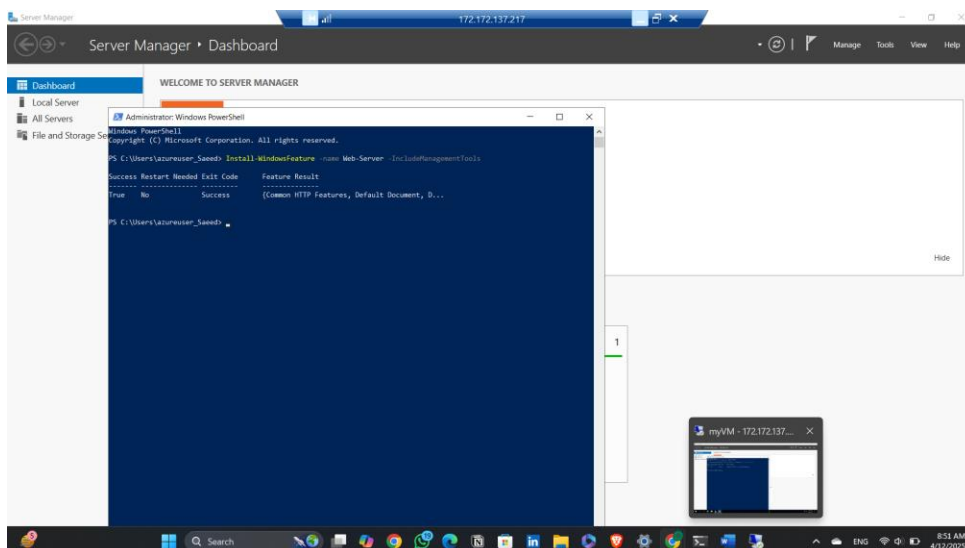
Correlation ID: a1a831a5-bfe8-44ed-93db-1460633532b 

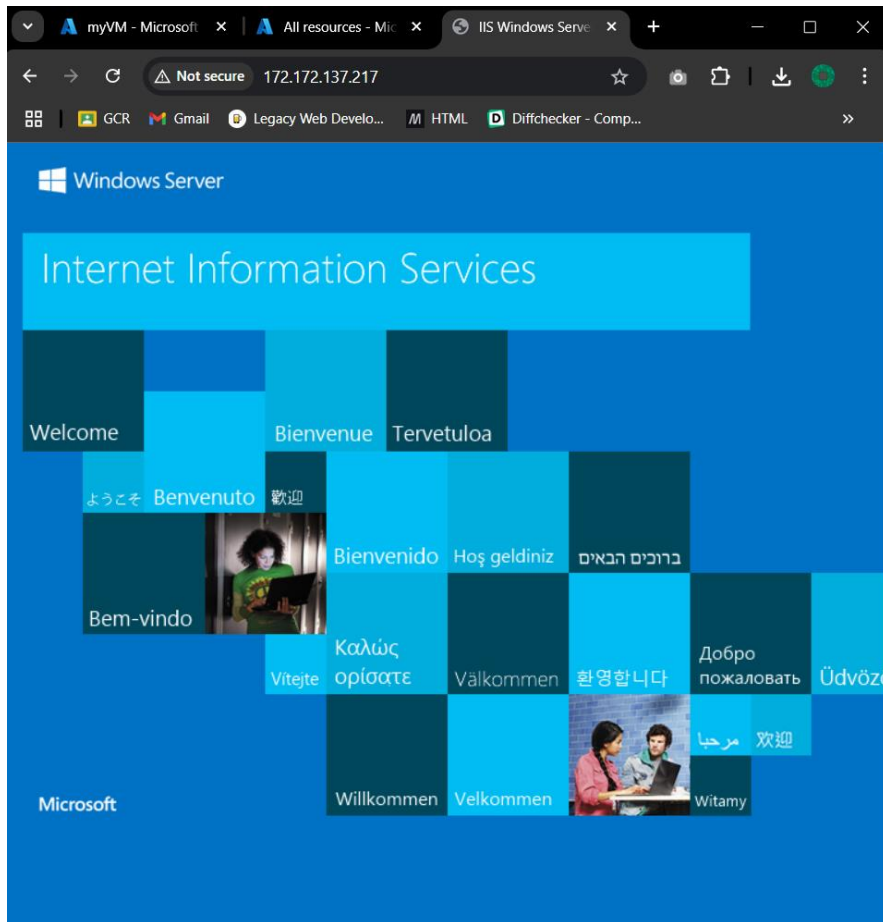


TASK 2



TASK 3





Notifications



[More events in the activity log →](#)

[Dismiss all](#) 

Deleted resource group Create_New



Deleted resource group Create_New

a few seconds ago

Deployment succeeded



Deployment 'CreateVm-MicrosoftWindowsServer.WindowsServer-201-20250412082403' to resource group 'Create_New' was successful.

[Go to resource](#)

[Pin to dashboard](#)

22 minutes ago