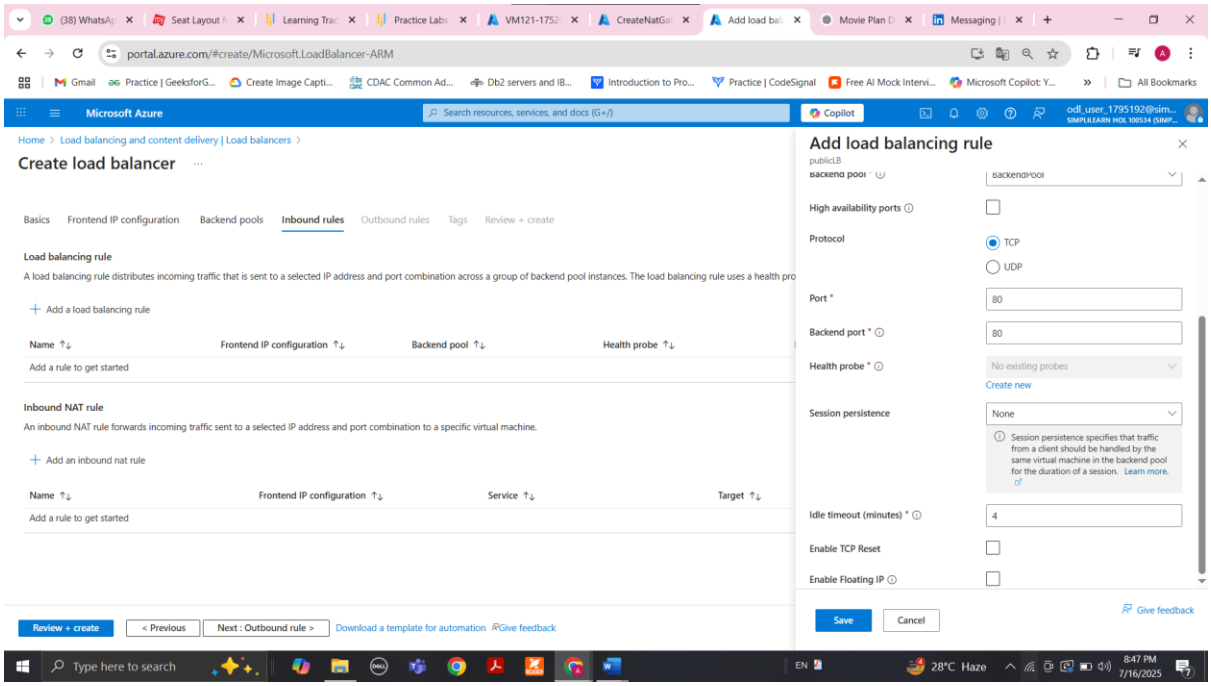
This is all I used for load balancer

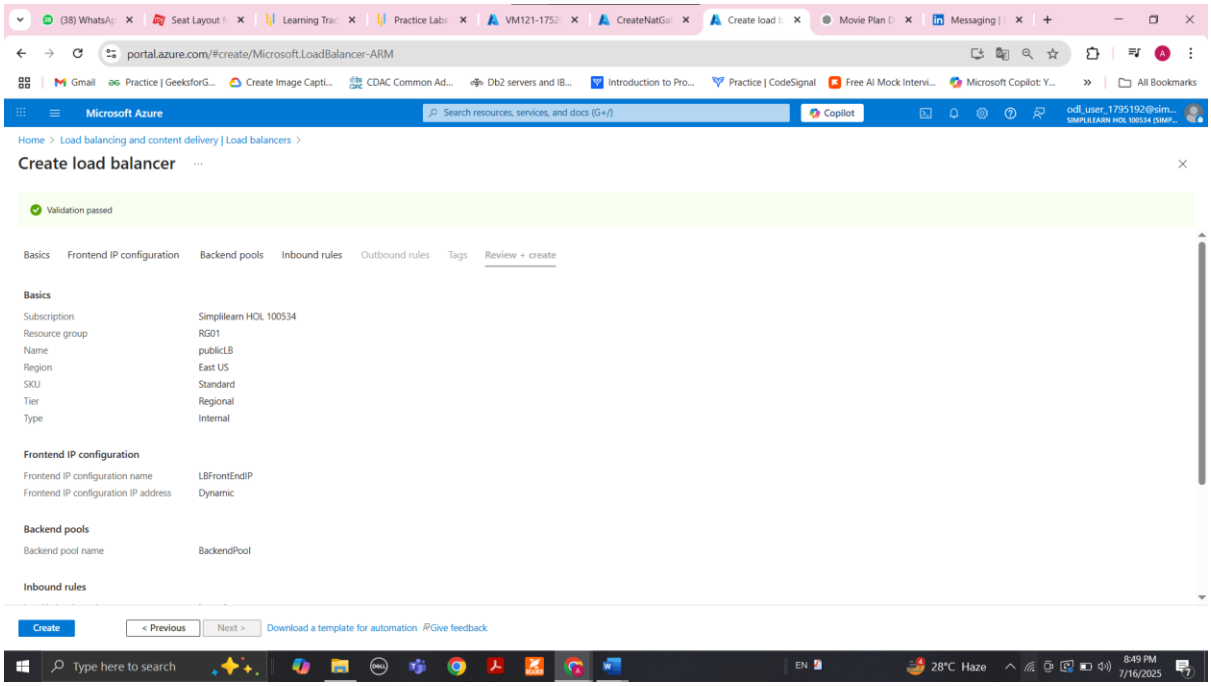
1) Create load balancer

2) Create a Virtual network

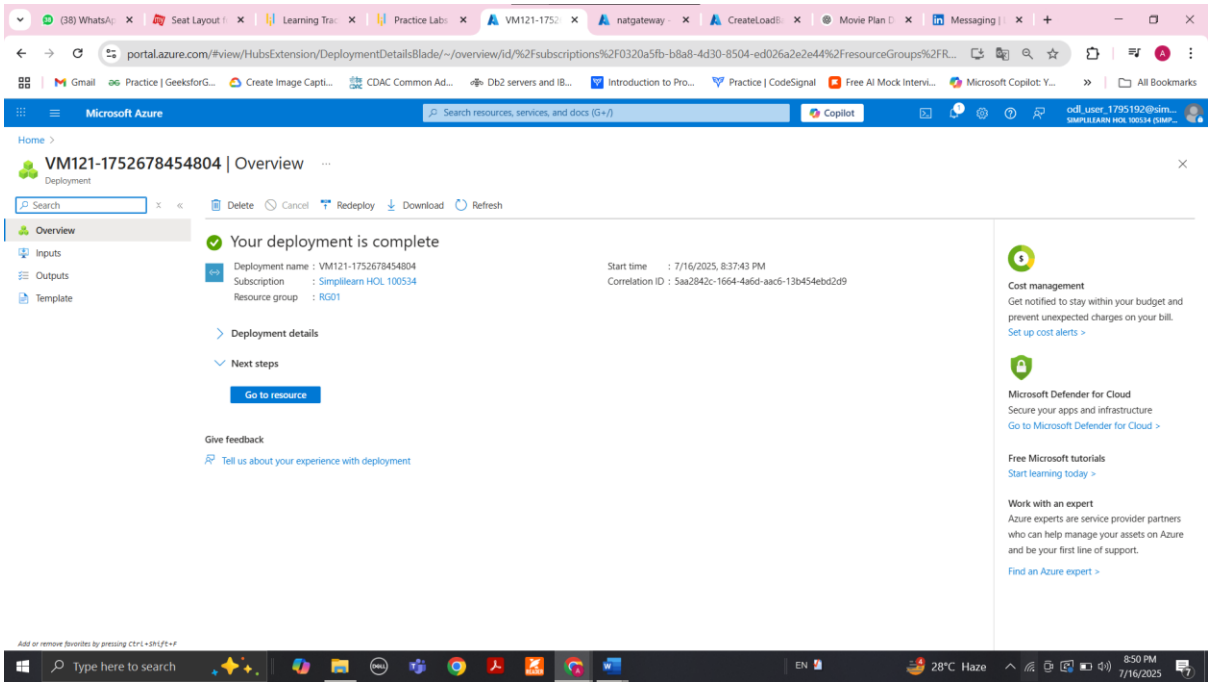
3) Create two VMs

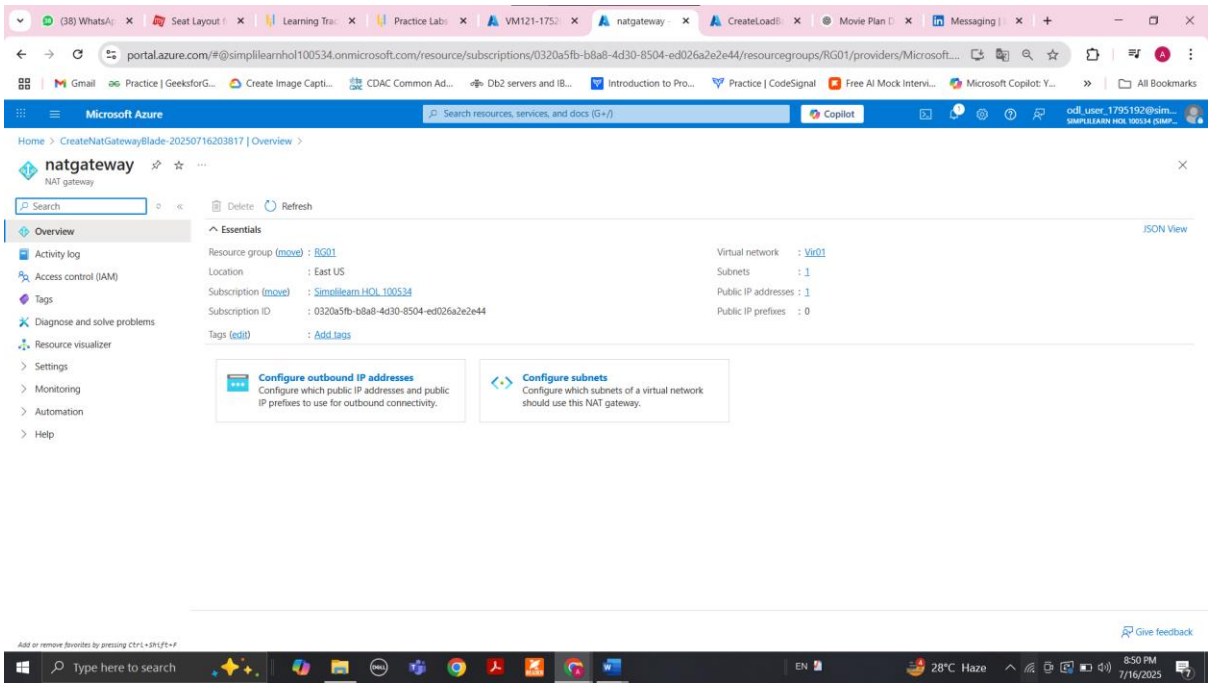
4) NAT gateways

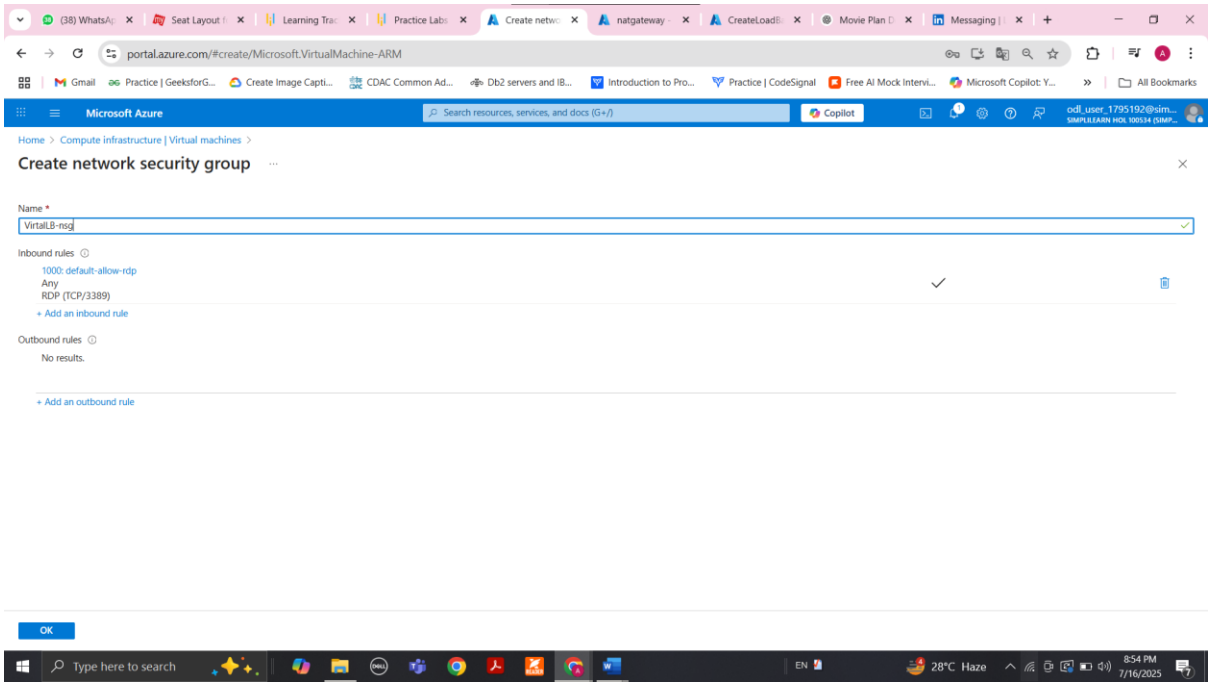




Virtual network






portal.azure.com/#create/Microsoft.VirtualMachine-ARM
Microsoft Azure
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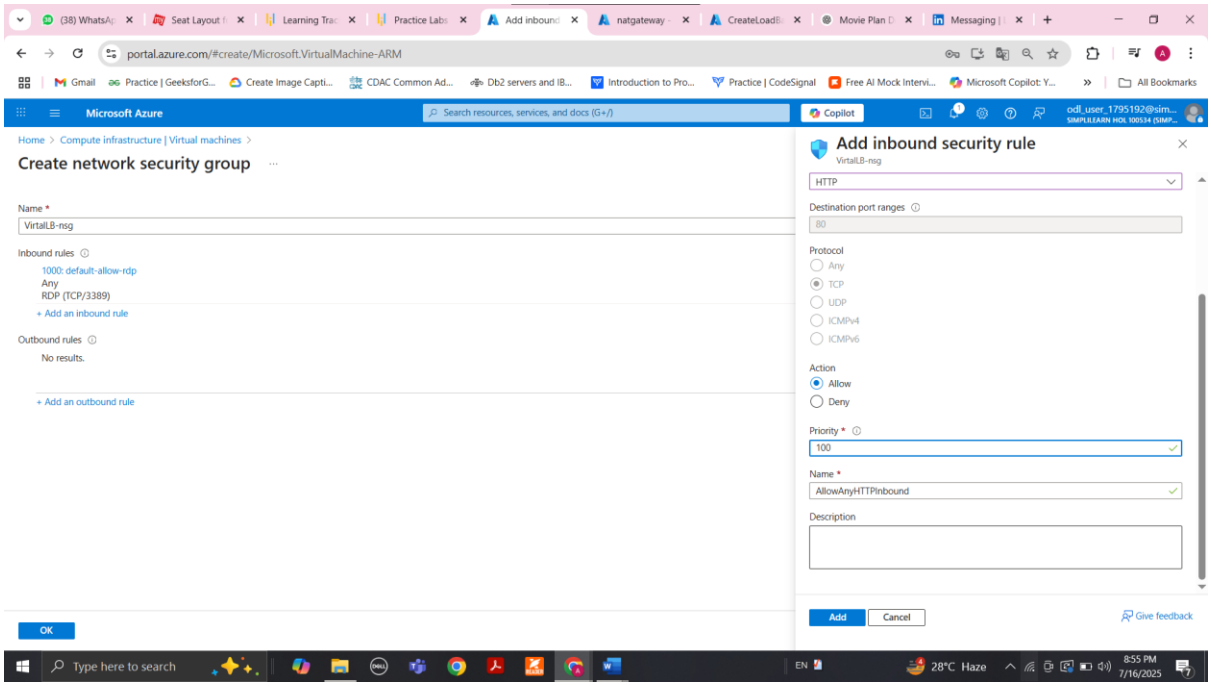
Copilot
Home > Compute infrastructure | Virtual machines >
Create network security group
Name *
VirtalLB-nsg
Inbound rules
1000: default-allow-rdp
Any
RDP (TCP/3389)
+ Add an inbound rule
Outbound rules
No results.
+ Add an outbound rule
OK
Type here to search
28°C Haze
8:54 PM
7/16/2025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Home > Compute infrastructure | Virtual machines >
Create network security group
Name *
VirtalLB-nsg
Inbound rules
1000: default-allow-rdp
Any
RDP (TCP/3389)
+ Add an inbound rule
Outbound rules
No results.
+ Add an outbound rule
OK
Add inbound security rule
VirtalLB-nsg
HTTP
Destination port ranges
80
Protocol
Any
TCP
UDP
ICMPv4
ICMPv6
Action
Allow
Deny
Priority *
100
Name *
AllowAnyHTTPInbound
Description
Add
Cancel
Give feedback
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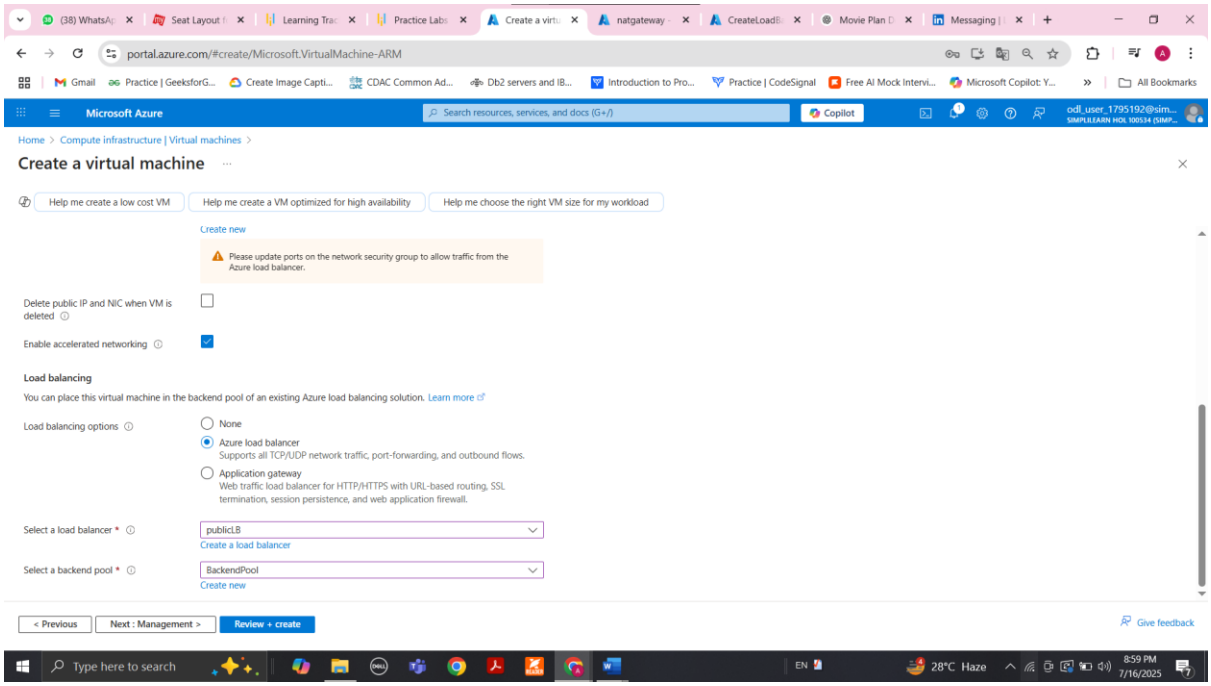
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Copilot
Home > Compute infrastructure | Virtual machines >
Create a virtual machine
Help me create a low cost VM
Help me create a VM optimized for high availability
Help me choose the right VM size for my workload
Create new
Please update ports on the network security group to allow traffic from the Azure load balancer.
Delete public IP and NIC when VM is deleted
Enable accelerated networking
Load balancing
You can place this virtual machine in the backend pool of an existing Azure load balancing solution. Learn more
Load balancing options
None
Azure load balancer
Supports all TCP/UDP network traffic, port-forwarding, and outbound flows.
Application gateway
Web traffic load balancer for HTTP/HTTPS with URL-based routing, SSL termination, session persistence, and web application firewall.
Select a load balancer *
publicLB
Create a load balancer
Select a backend pool *
BackendPool
Create new
< Previous
Next : Management >
Review + create
Give feedback
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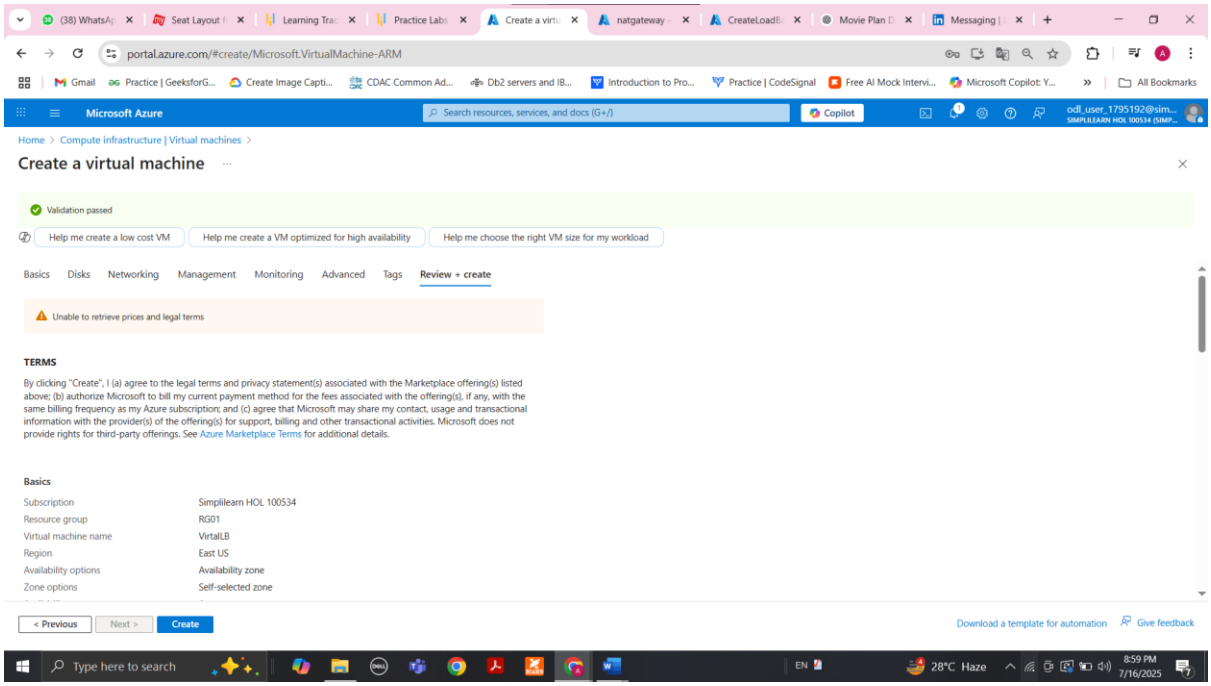
portal.azure.com/#create/Microsoft.VirtualMachine-ARM
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Home > Compute infrastructure | Virtual machines >
Create a virtual machine
Validation passed
Help me create a low cost VM
Help me create a VM optimized for high availability
Help me choose the right VM size for my workload
Basics
Disks
Networking
Management
Monitoring
Advanced
Tags
Review + create
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Basics
Subscription
Simplilearn HOL 100534
Resource group
RG01
Virtual machine name
VirtalLB
Region
East US
Availability options
Availability zone
Zone options
Self-selected zone
< Previous
Next >
Create
Download a template for automation
Give feedback
Type here to search
28°C Haze
8:59 PM
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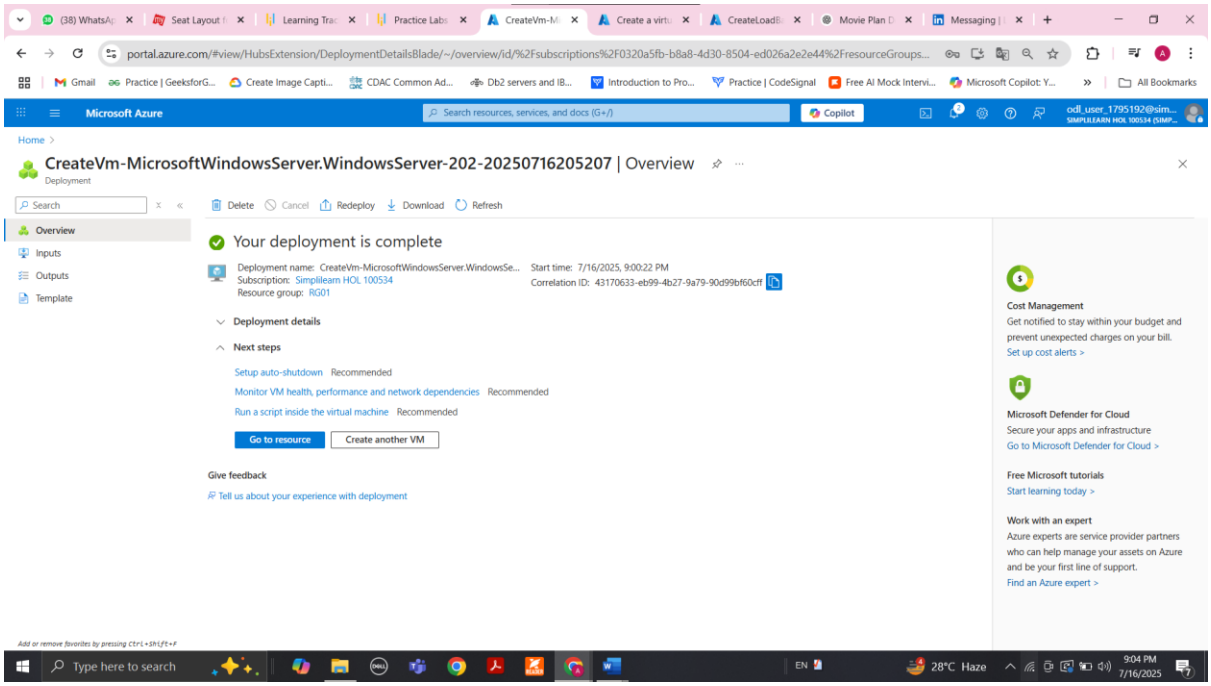
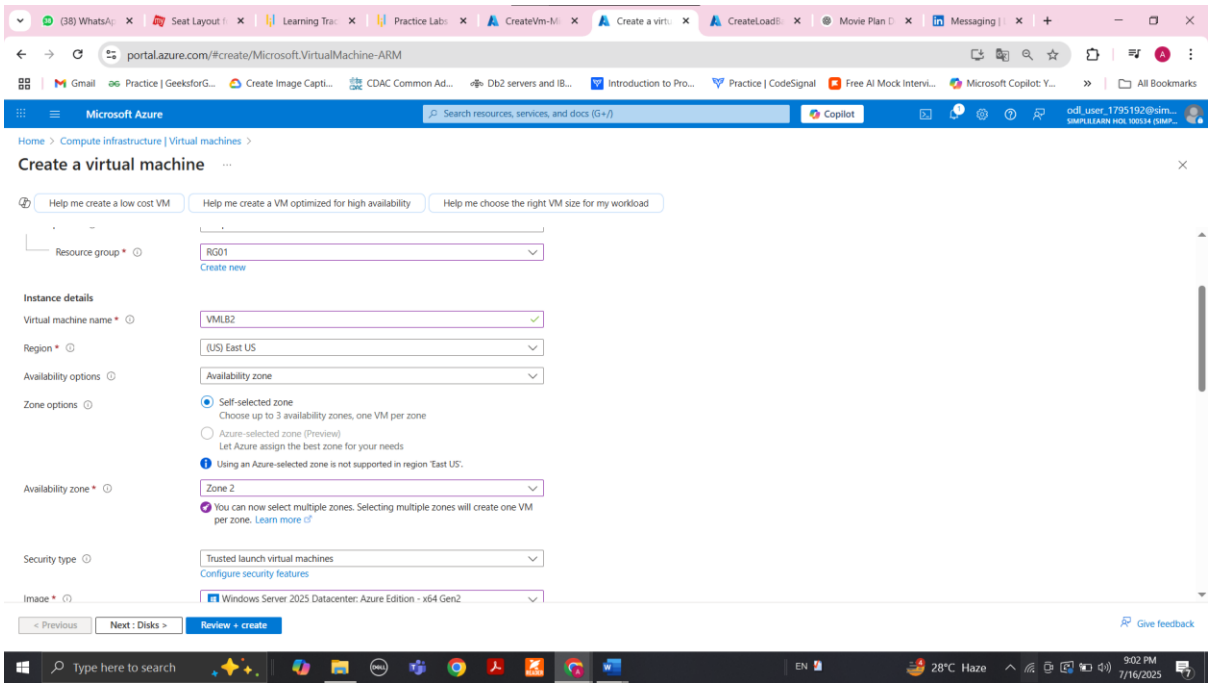
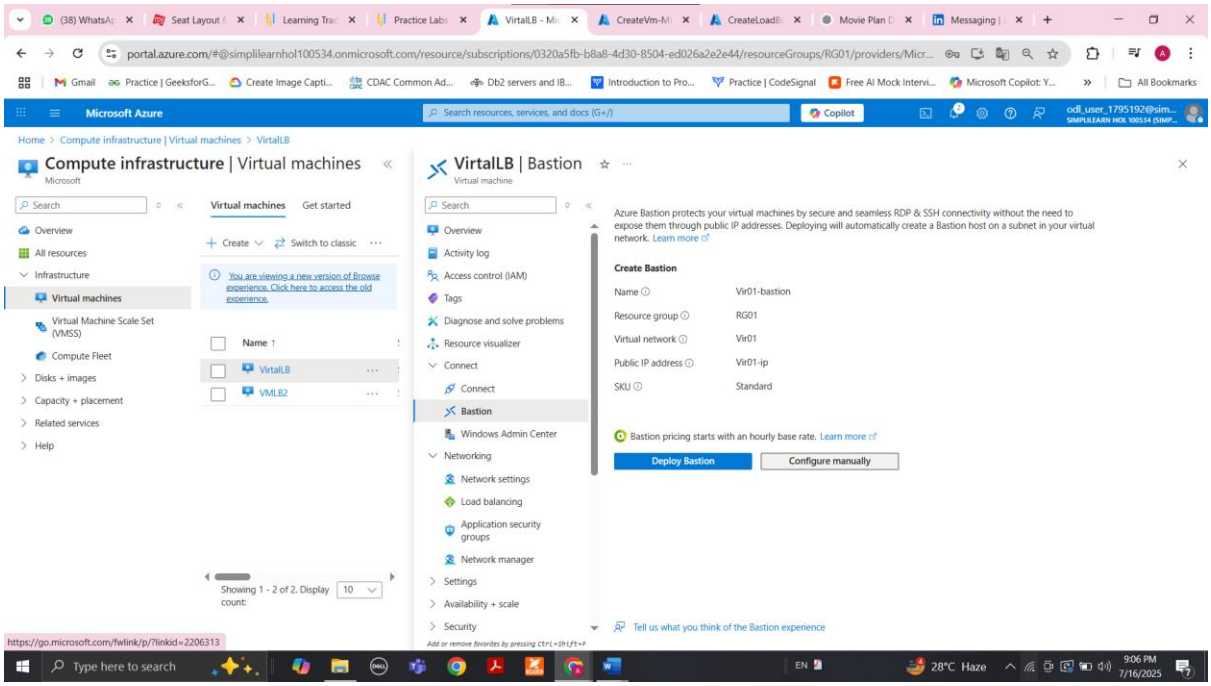


Create another VM



Connect VMfirst with Baston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Copilot
Home > Compute infrastructure | Virtual machines > VirtalLB
Compute infrastructure | Virtual machines
Microsoft
Search
Overview
All resources
Infrastructure
Virtual machines
Virtual Machine Scale Set (VMSS)
Compute Fleet
Disks + images
Capacity + placement
Related services
Help
Virtual machines
Get started
Create
Switch to classic
You are viewing a new version of Browse experience. Click here to access the old experience.
Name
VirtalLB
VMLB2
Showing 1 - 2 of 2. Display count: 10
VirtalLB | Bastion
Virtual machine
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Resource visualizer
Connect
Connect
Bastion
Windows Admin Center
Networking
Network settings
Load balancing
Application security groups
Network manager
Settings
Availability + scale
Security
Azure Bastion protects your virtual machines by secure and seamless RDP & SSH connectivity without the need to expose them through public IP addresses. Deploying will automatically create a Bastion host on a subnet in your virtual network. Learn more
Create Bastion
Name
Vir01-bastion
Resource group
RG01
Virtual network
Vir01
Public IP address
Vir01-ip
SKU
Standard
Bastion pricing starts with an hourly base rate. Learn more
Deploy Bastion
Configure manually
Tell us what you think of the Bastion experience
https://go.microsoft.com/fwlink/p/?linkid=2206313
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9:06 PM
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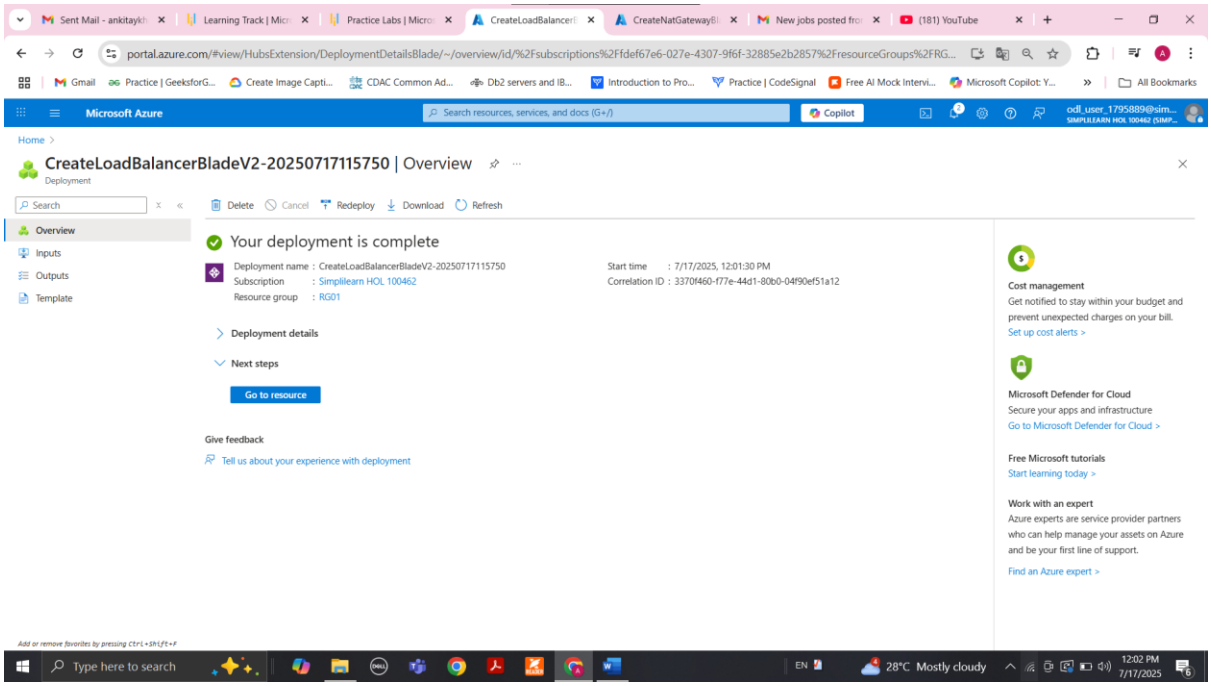
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
Home >
CreateLoadBalancerBladeV2-20250717115750 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Your deployment is complete
Deployment name : CreateLoadBalancerBladeV2-20250717115750
Subscription : Simplilearn HOL 100462
Resource group : RG01
Start time : 7/17/2025, 12:01:30 PM
Correlation ID : 3370f460-f77e-44d1-80b0-04f90ef51a12
Deployment details
Next steps
Go to resource
Give feedback
Tell us about your experience with deployment
Cost management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >
Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >
Free Microsoft tutorials
Start learning today >
Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
Find an Azure expert >
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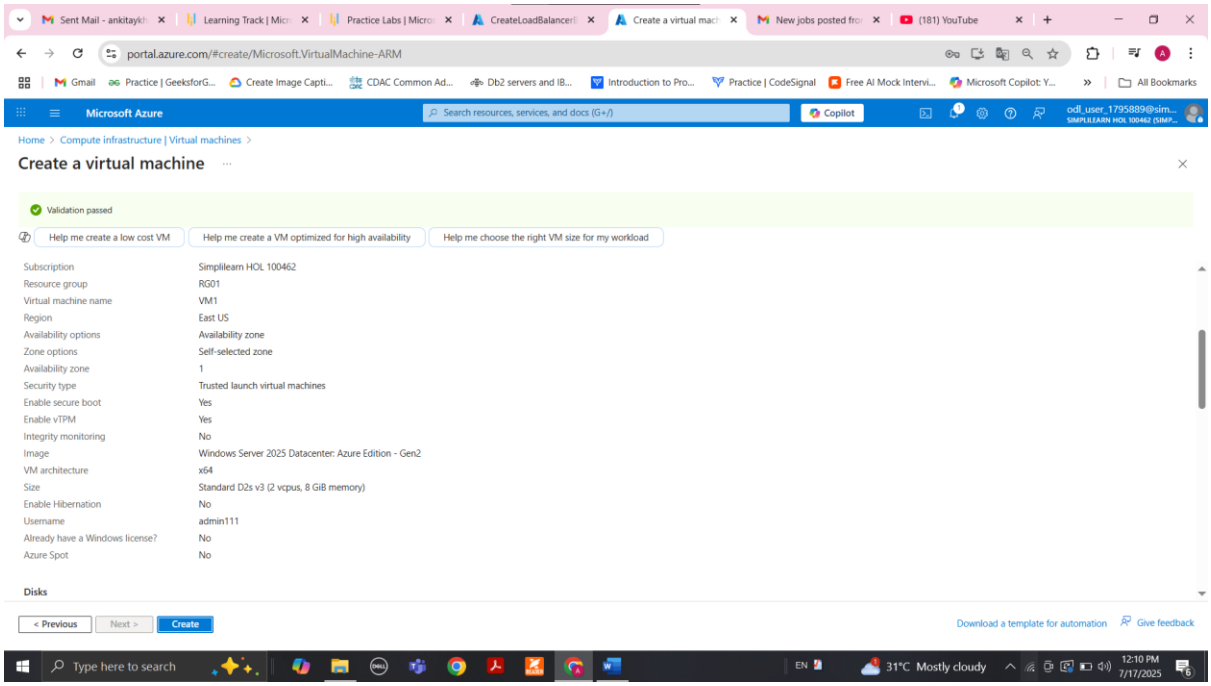
28°C Mostly cloudy
12:02 PM
7/17/2025


Microsoft Azure
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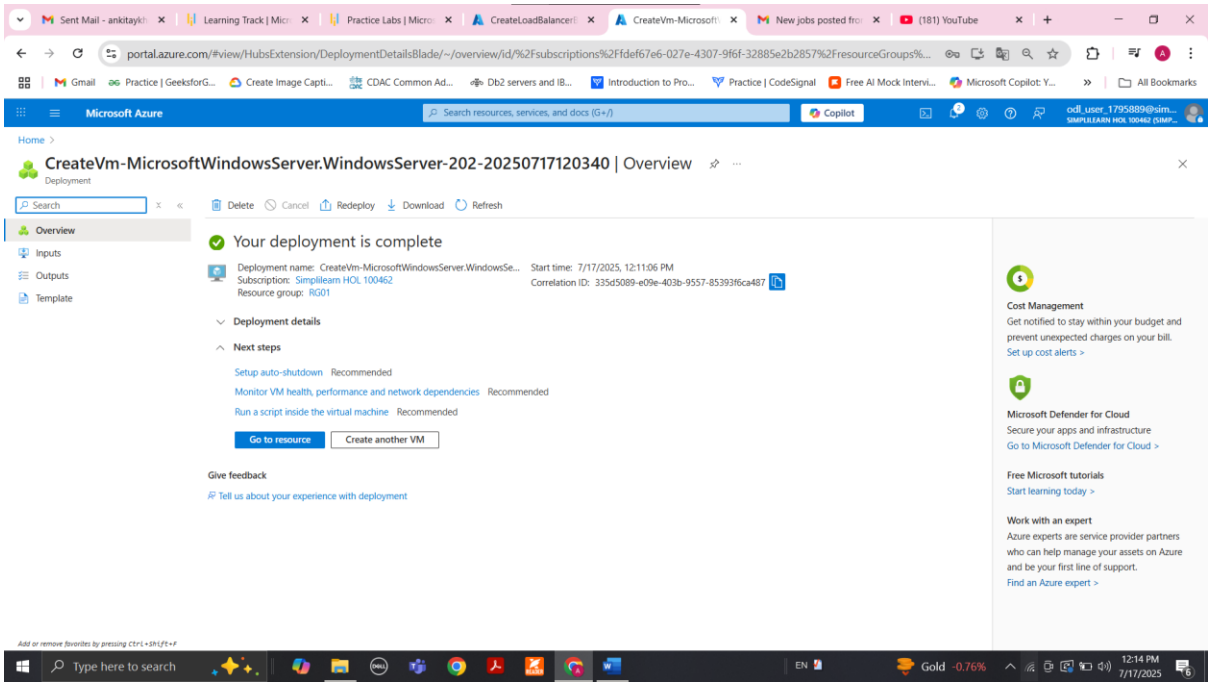
Copilot
Home > Compute infrastructure | Virtual machines >
Create a virtual machine
Validation passed
Help me create a low cost VM
Help me create a VM optimized for high availability
Help me choose the right VM size for my workload
Subscription Simplilearn HOL 100462
Resource group RG01
Virtual machine name VM1
Region East US
Availability options Availability zone
Zone options Self-selected zone
Availability zone 1
Security type Trusted launch virtual machines
Enable secure boot Yes
Enable vTPM Yes
Integrity monitoring No
Image Windows Server 2025 Datacenter: Azure Edition - Gen2
VM architecture x64
Size Standard D2s v3 (2 vcpus, 8 GiB memory)
Enable Hibernation No
Username admin111
Already have a Windows license? No
Azure Spot No
Disks
< Previous
Next >
Create
Download a template for automation
Give feedback


Microsoft Azure
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Home >
CreateVm-MicrosoftWindowsServer.WindowsServer-202-20250717120340 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Your deployment is complete
Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe...
Subscription: Simplilearn HOL 100462
Resource group: RG01
Start time: 7/17/2025, 12:11:06 PM
Correlation ID: 335d5089-e09e-403b-9557-85393f6ca487
Deployment details
Next steps
Setup auto-shutdown 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
Tell us about your experience with deployment
Cost Management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >
Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >
Free Microsoft tutorials
Start learning today >
Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
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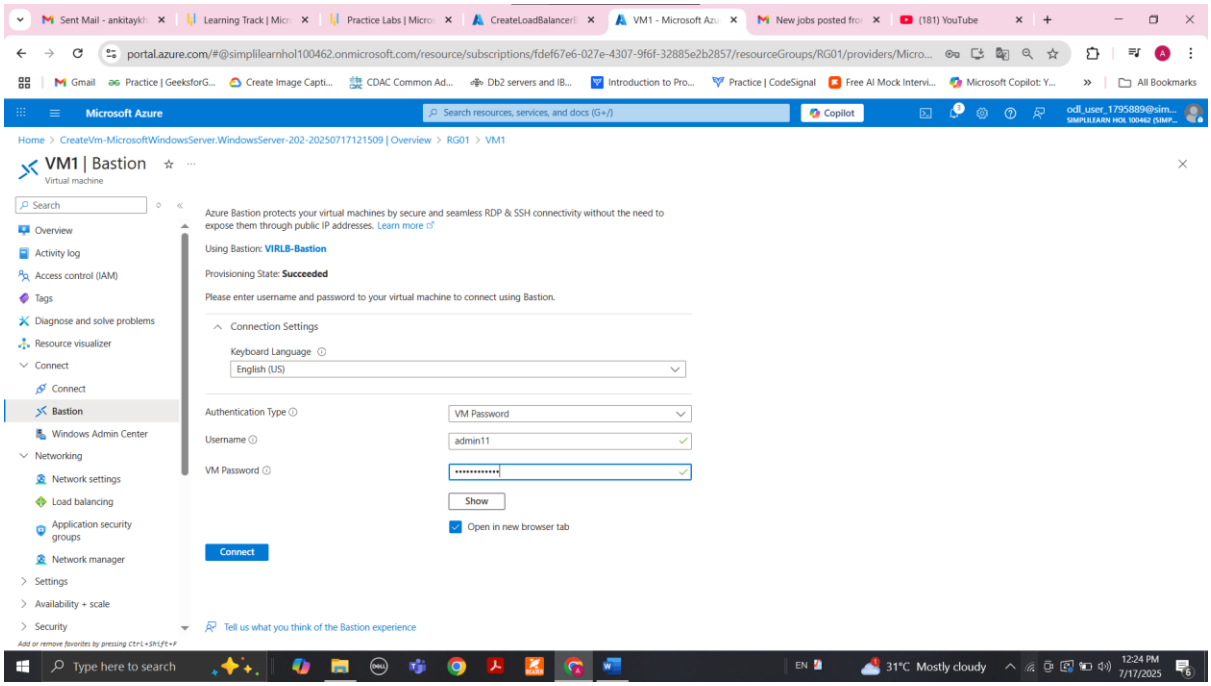
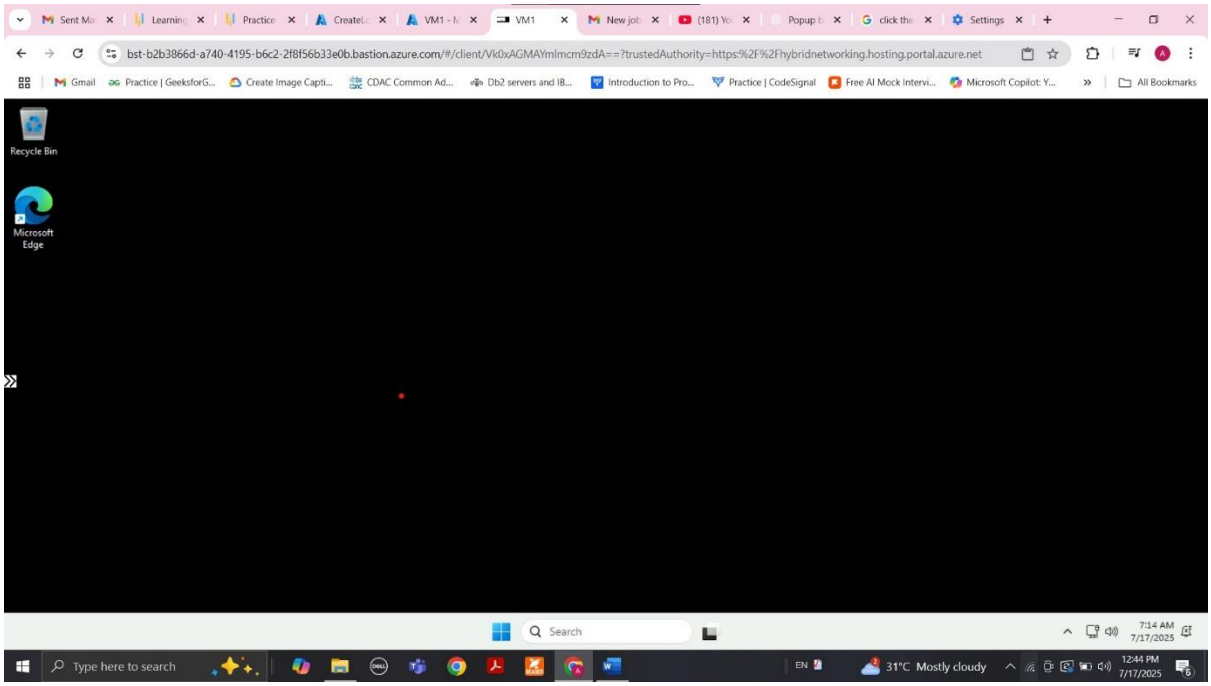
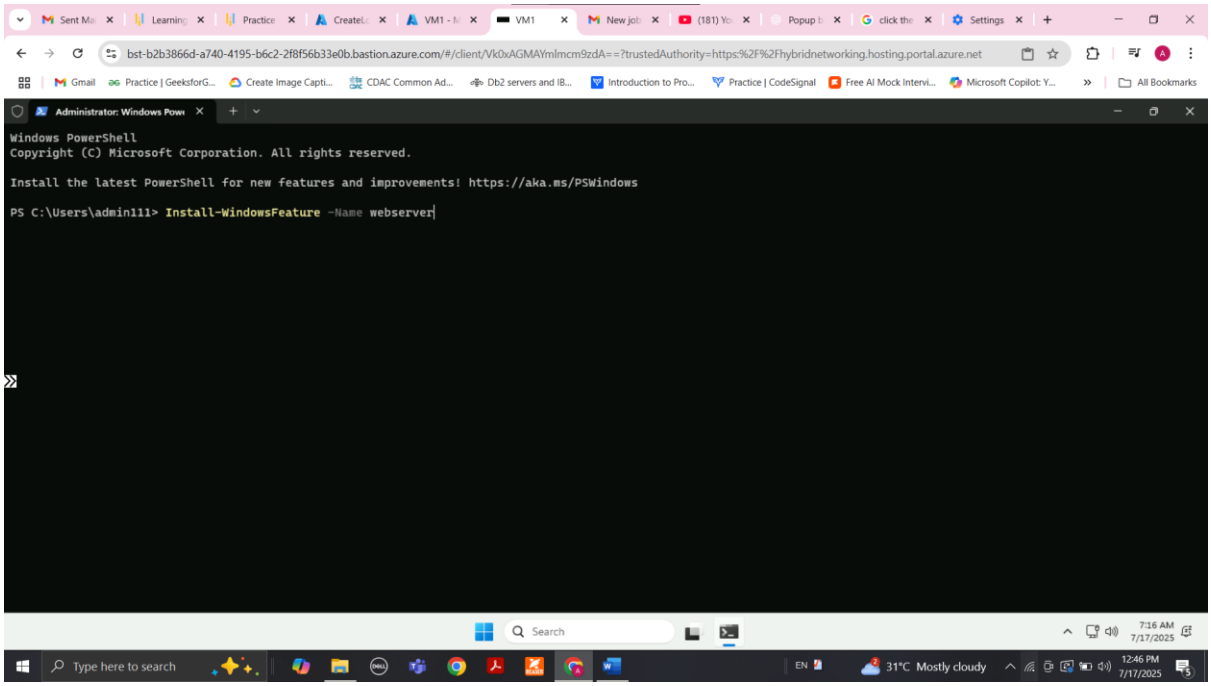
Connect with Baston






bst-b2b3866d-a740-4195-b6c2-2f8f56b33e0b.bastion.azure.com/#/client/Vk0xAGMAYmlmcm9zdA==?trustedAuthority=https%2F%2Fhybridnetworking.hosting.portal.azure.net
Administrator: Windows Powe
Windows PowerShell
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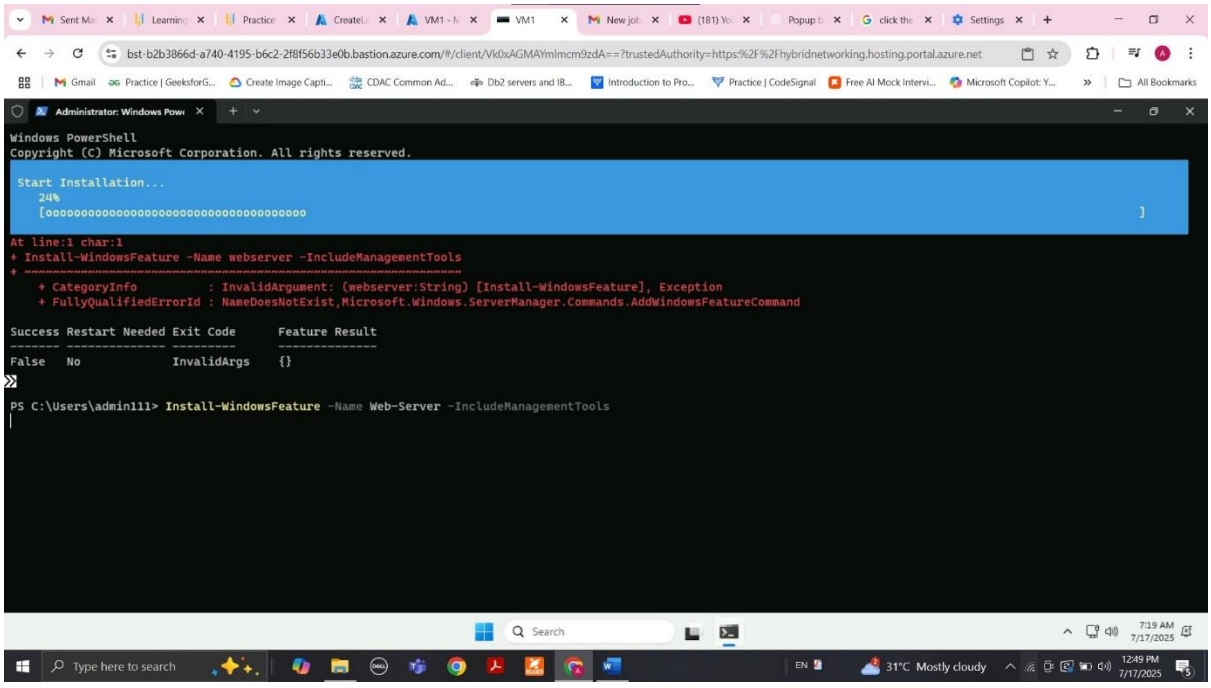
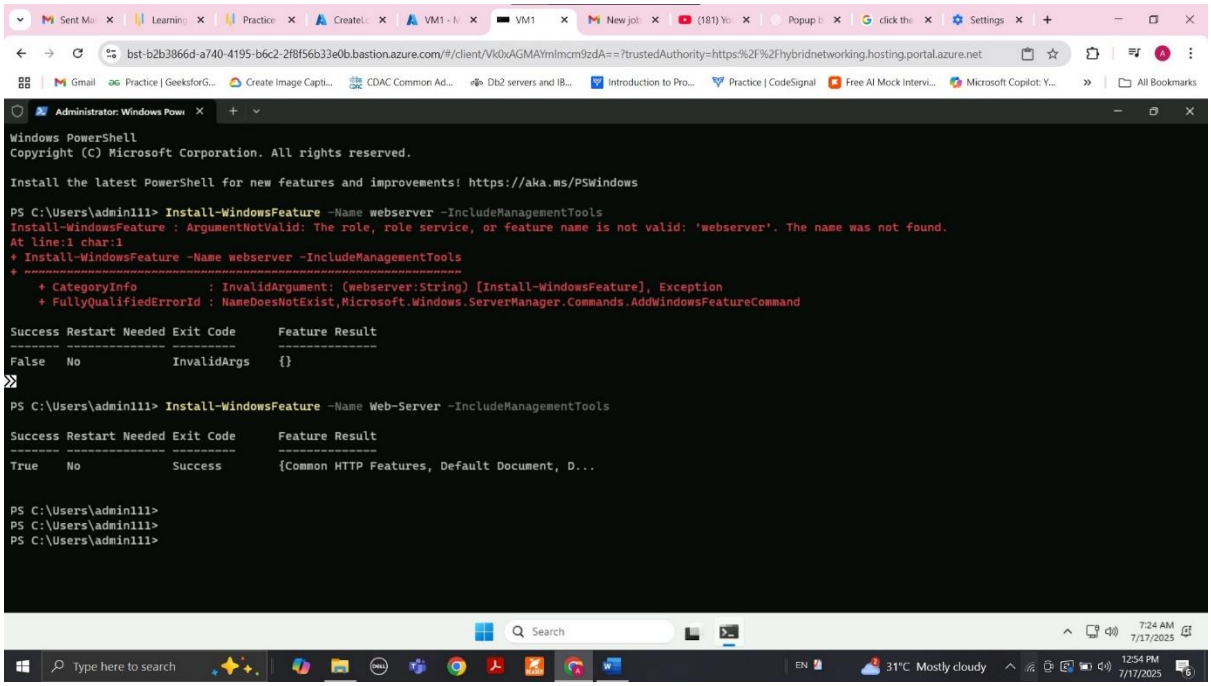
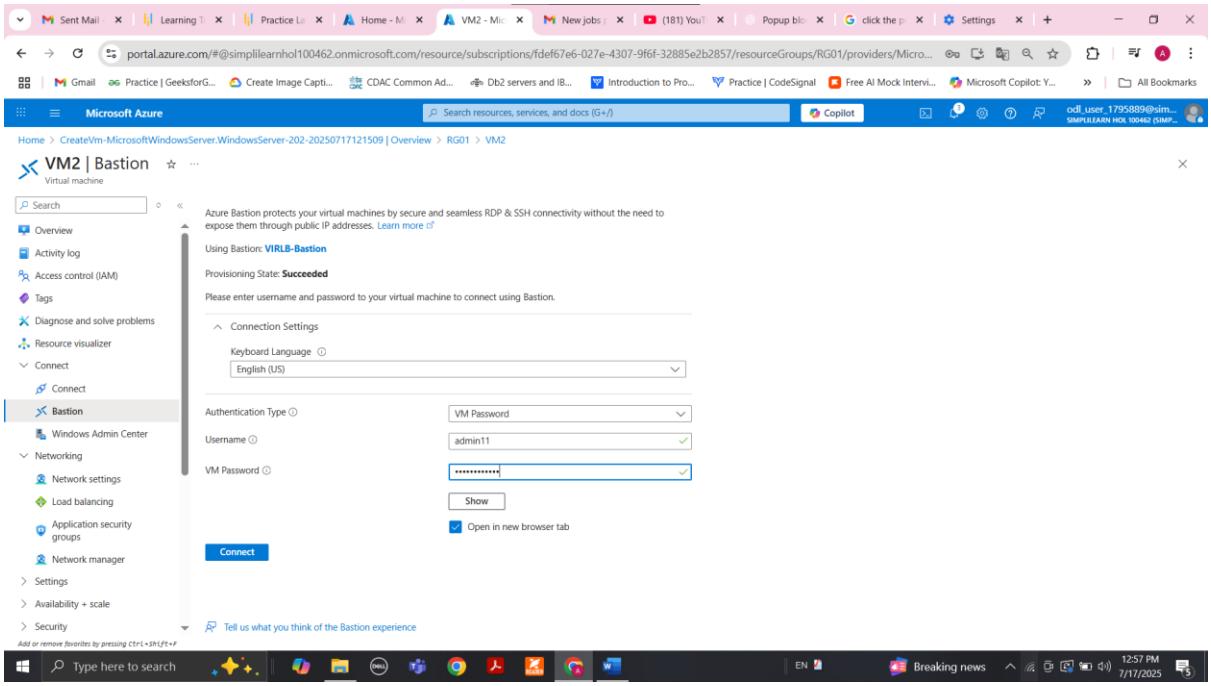
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\Users\admin111> Install-WindowsFeature -Name webserver
Search
Type here to search
31°C Mostly cloudy
7:16 AM
7/17/2025
12:46 PM
7/17/2025

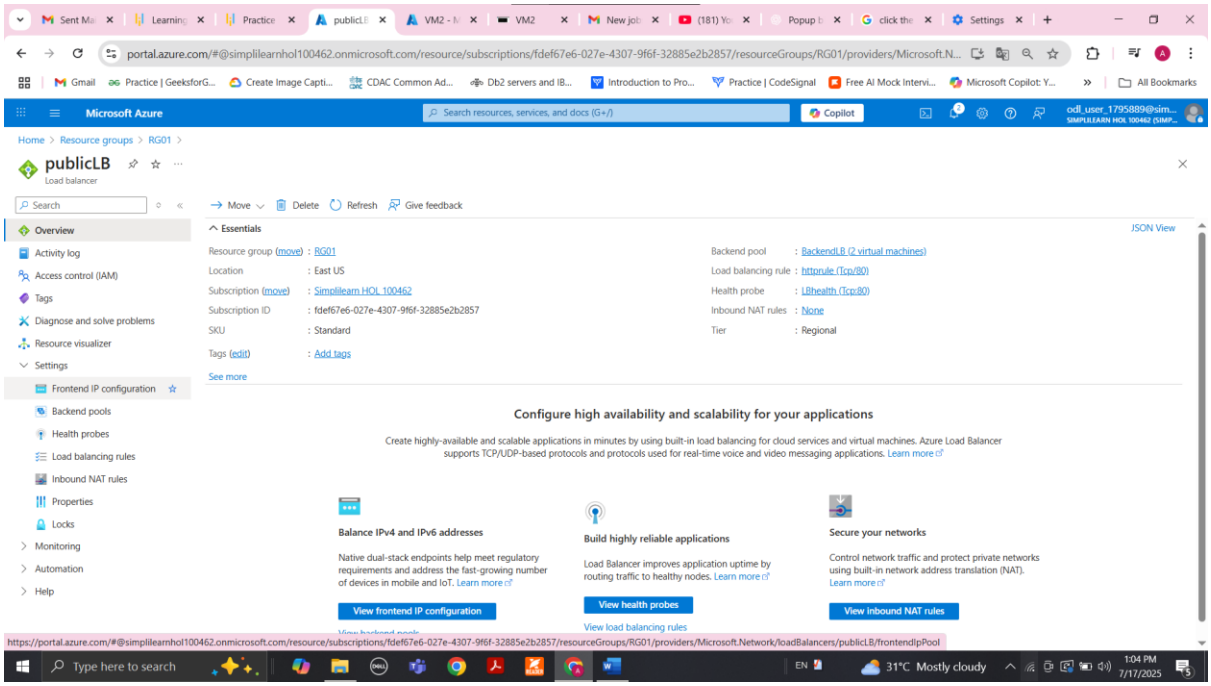

bst-b2b3866d-a740-4195-b6c2-2f8f56b33e0b.bastion.azure.com/#/client/Vk0xAGMAYmlmcm9zdA==?trustedAuthority=https%2F%2Fhybridnetworking.hosting.portal.azure.net
Administrator: Windows Powe
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Start Installation...
24%
[oooooooooooooooooooooooooooooooooooo]
At line:1 char:1
+ Install-WindowsFeature -Name webserver -IncludeManagementTools
+ CategoryInfo : InvalidArgument: (webserver:String) [Install-WindowsFeature], Exception
+ FullyQualifiedErrorId : NameDoesNotExist,Microsoft.Windows.ServerManager.Commands.AddWindowsFeatureCommand
Success Restart Needed Exit Code Feature Result
False No InvalidArgs {}
PS C:\Users\admin111> Install-WindowsFeature -Name Web-Server -IncludeManagementTools
Search
Type here to search
31°C Mostly cloudy
7:19 AM
7/17/2025
12:49 PM
7/17/2025



Connect VM2



Check the load balancer resources



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