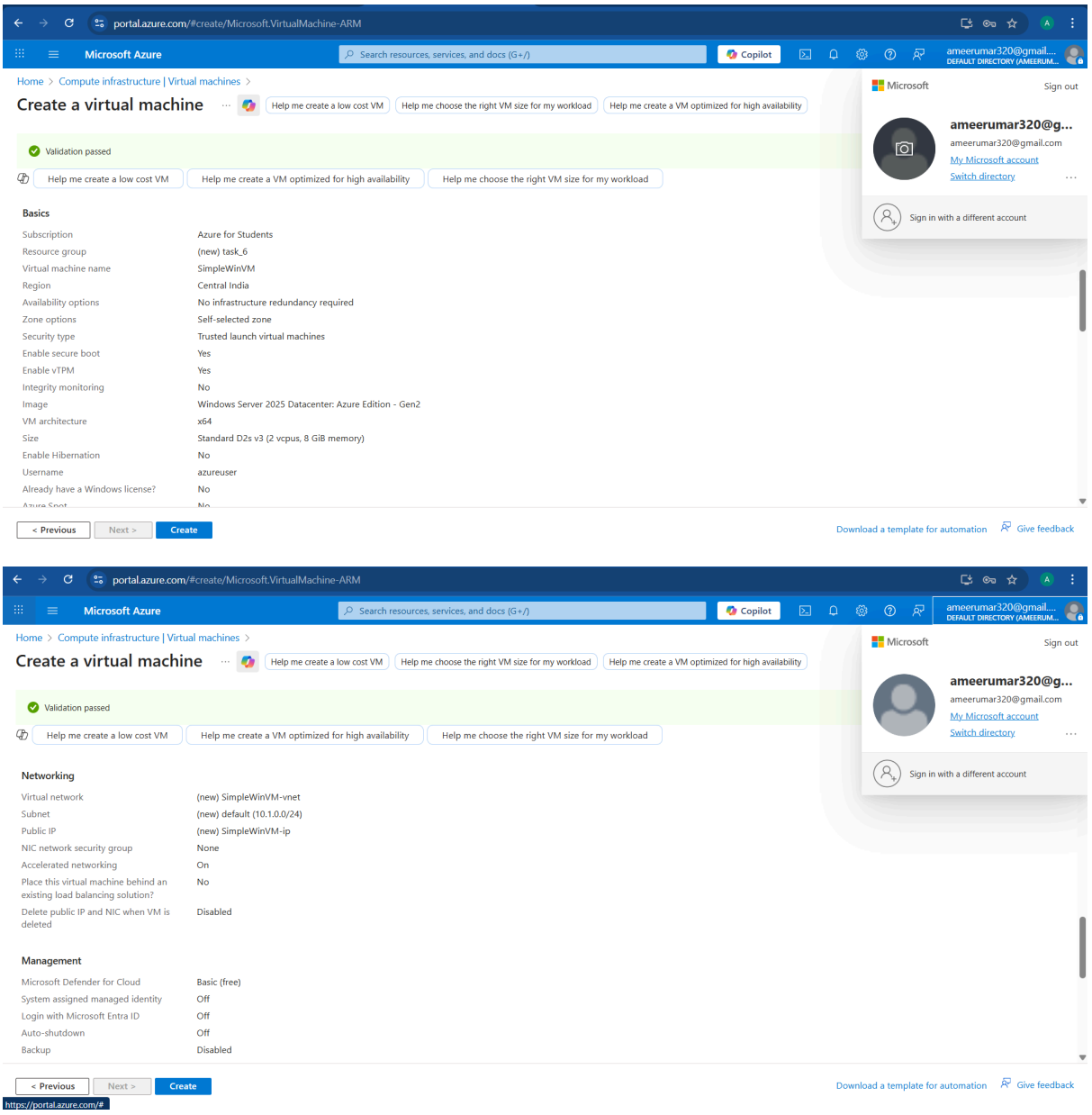
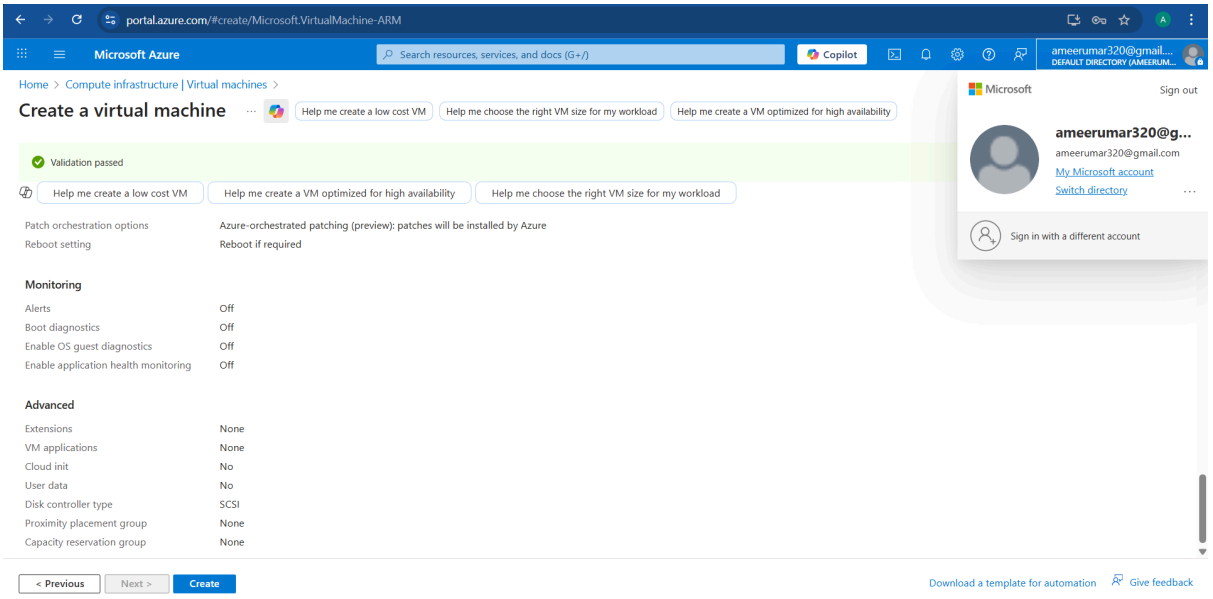
Ameer Umar Khan - 2280137

Introduction to Cloud Computing - Assignment 1
Lab 06

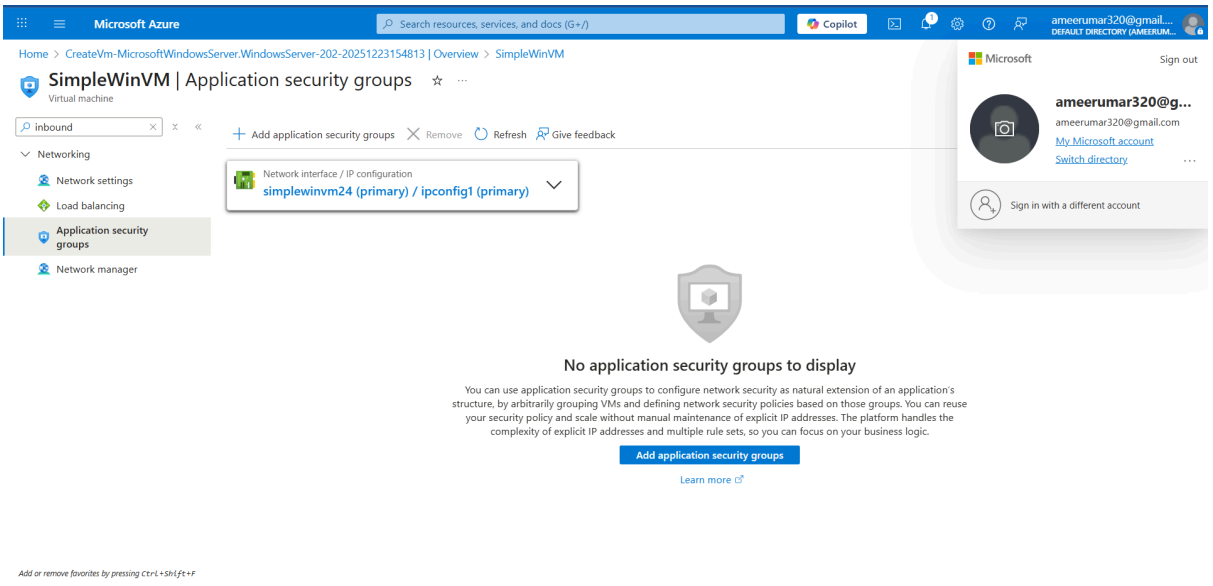
Task 1:


portal.azure.com/#create/Microsoft.VirtualMachine-ARM
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
ameerumar320@gmail....
DEFAULT DIRECTORY (AMEERUM...
Home > Compute infrastructure | Virtual machines >
Create a virtual machine
Help me create a low cost VM
Help me choose the right VM size for my workload
Help me create a VM optimized for high availability
Validation passed
Basics
Subscription Azure for Students
Resource group (new) task_6
Virtual machine name SimpleWinVM
Region Central India
Availability options No infrastructure redundancy required
Zone options Self-selected zone
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 azureuser
Already have a Windows license? No
< Previous
Next >
Create
Download a template for automation
Give feedback
Microsoft
Sign out
ameerumar320@g...
ameerumar320@gmail.com
My Microsoft account
Switch directory
Sign in with a different account

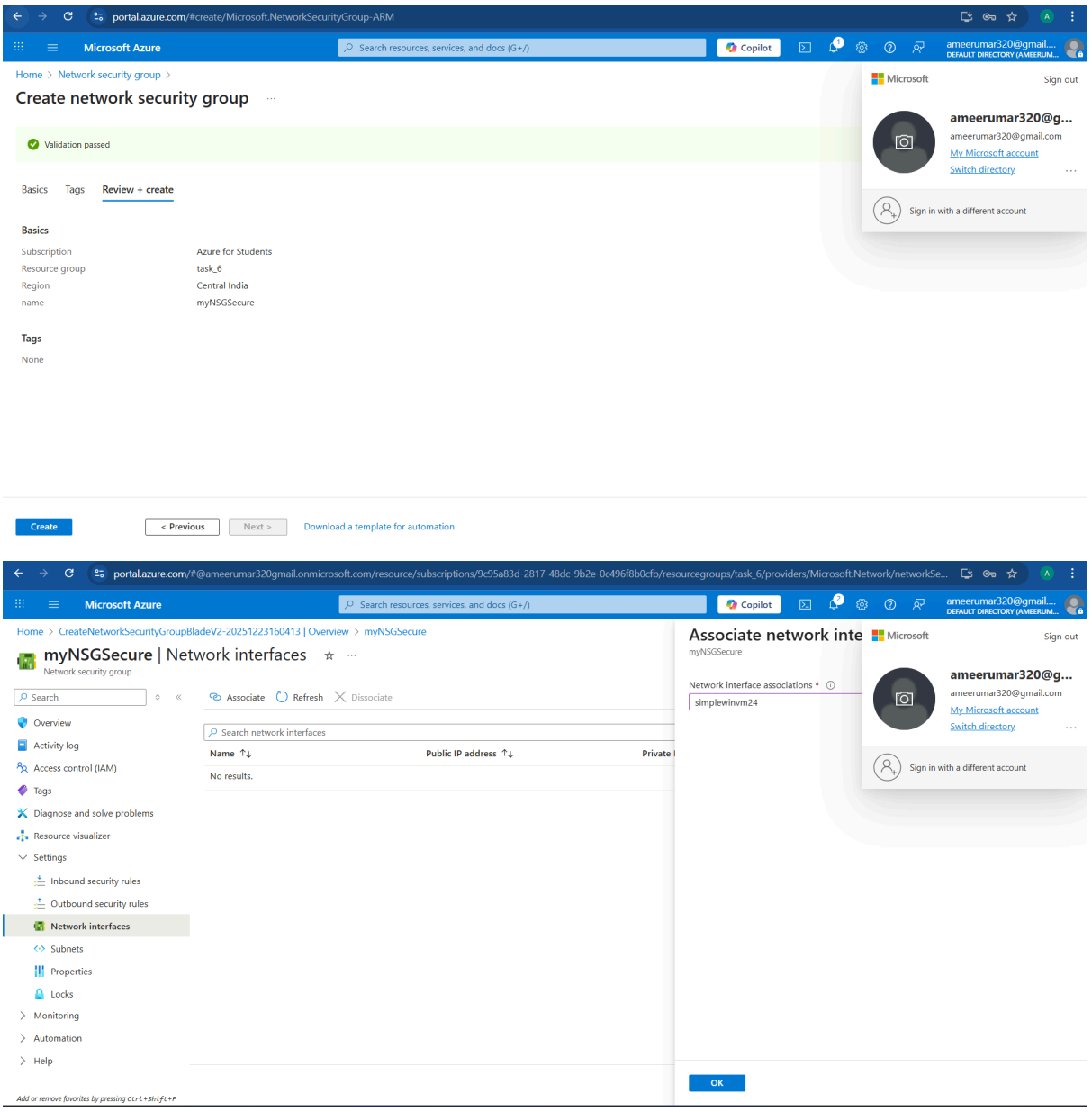
portal.azure.com/#create/Microsoft.VirtualMachine-ARM
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
ameerumar320@gmail....
DEFAULT DIRECTORY (AMEERUM...
Home > Compute infrastructure | Virtual machines >
Create a virtual machine
Help me create a low cost VM
Help me choose the right VM size for my workload
Help me create a VM optimized for high availability
Validation passed
Networking
Virtual network (new) SimpleWinVM-vnet
Subnet (new) default (10.1.0.0/24)
Public IP (new) SimpleWinVM-ip
NIC network security group None
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 Basic (free)
System assigned managed identity Off
Login with Microsoft Entra ID Off
Auto-shutdown Off
Backup Disabled
< Previous
Next >
Create
https://portal.azure.com/#
Download a template for automation
Give feedback
Microsoft
Sign out
ameerumar320@g...
ameerumar320@gmail.com
My Microsoft account
Switch directory
Sign in with a different account



No security groups to display

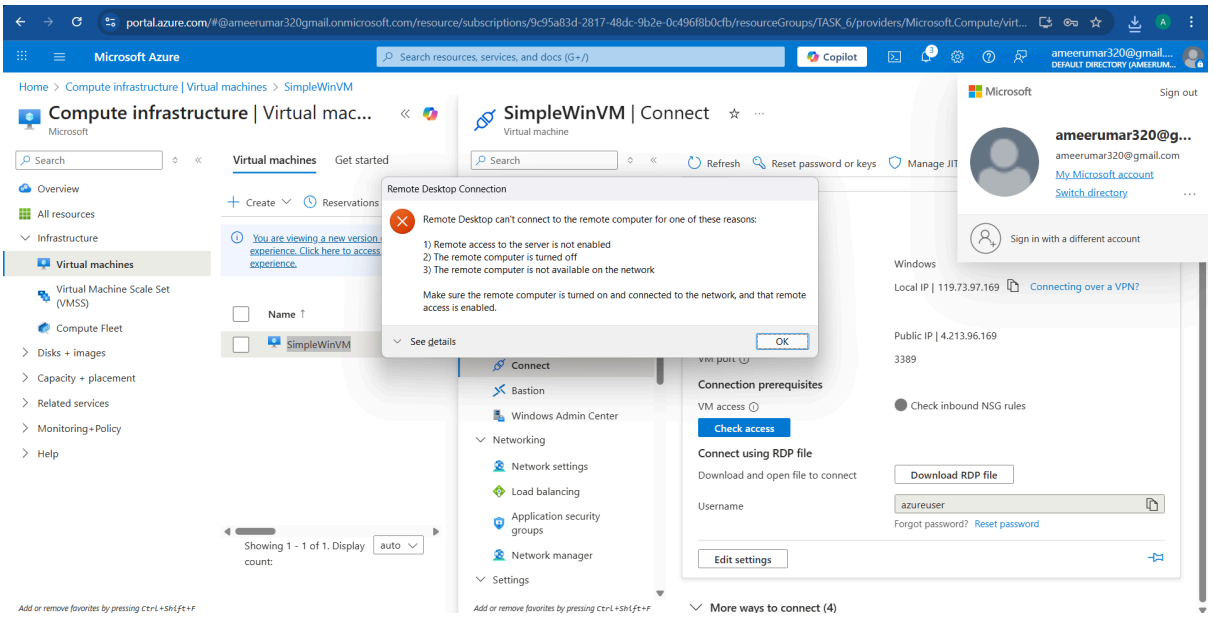


Task 2:

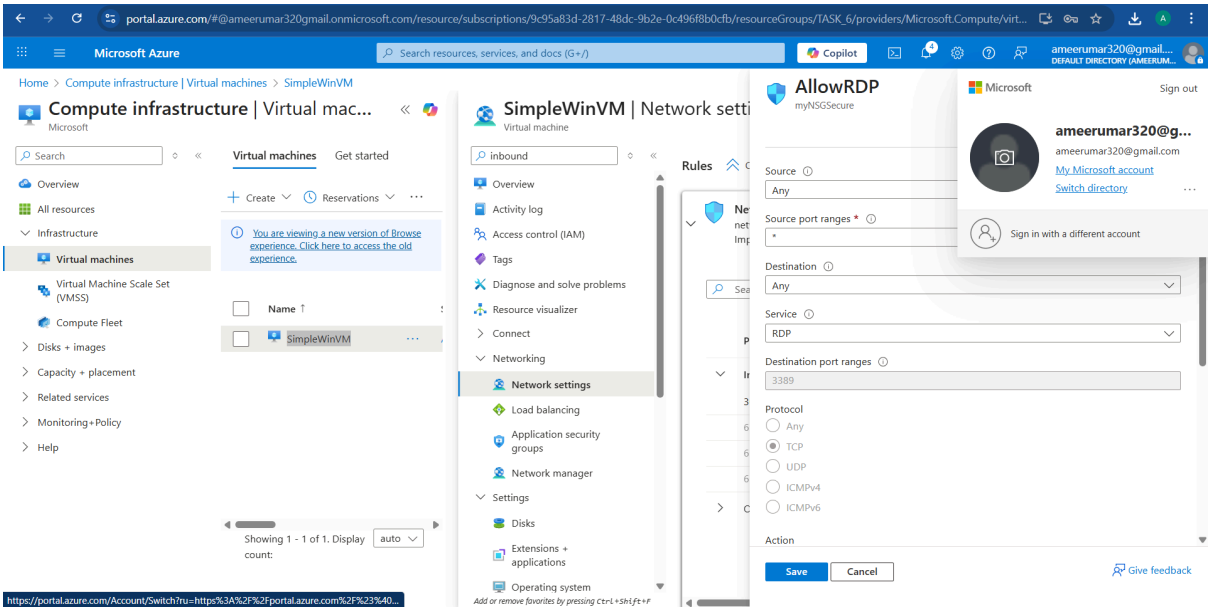

portal.azure.com/#create/Microsoft.NetworkSecurityGroup-ARM
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
ameerumar320@gmail....
DEFAULT DIRECTORY (AMEERUM...
Home > Network security group >
Create network security group
Validation passed
Basics
Tags
Review + create
Basics
Subscription
Azure for Students
Resource group
task_6
Region
Central India
name
myNSGSecure
Tags
None
Microsoft
Sign out
ameerumar320@g...
ameerumar320@gmail.com
My Microsoft account
Switch directory
Sign in with a different account
Create
< Previous
Next >
Download a template for automation

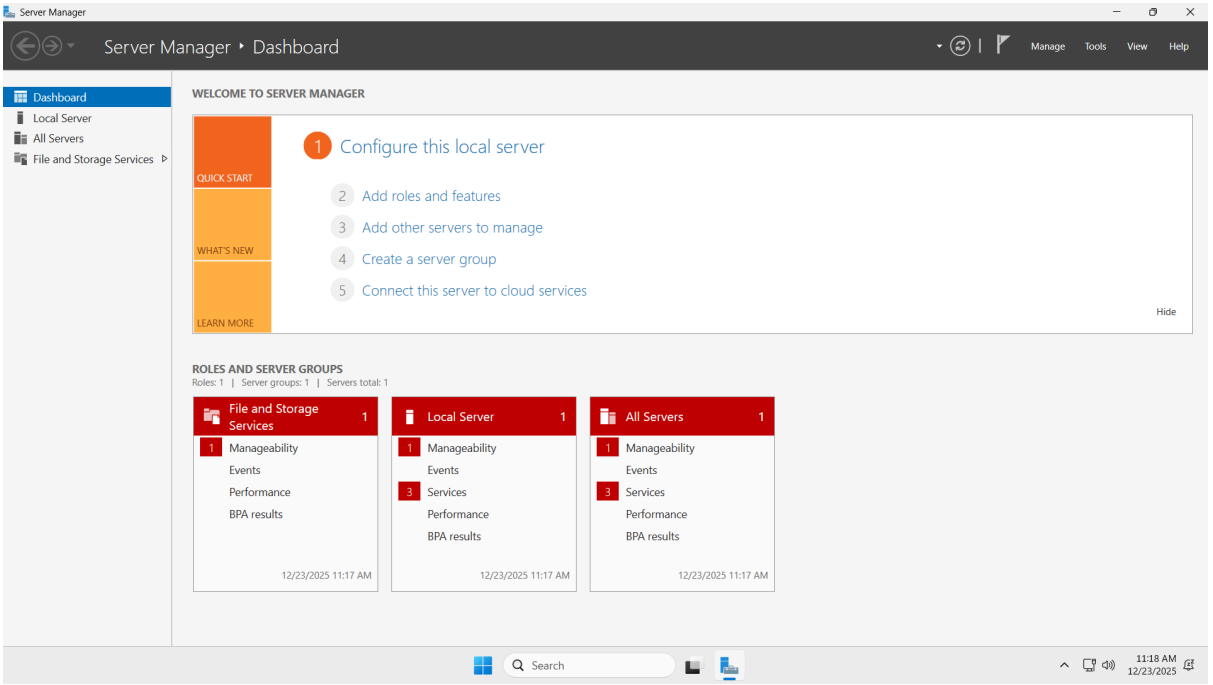
portal.azure.com/#@ameerumar320gmail.onmicrosoft.com/resource/subscriptions/9c95a83d-2817-48dc-9b2e-0c496f8b0cfb/resourcegroups/task_6/providers/Microsoft.Network/networkSe...
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
ameerumar320@gmail....
DEFAULT DIRECTORY (AMEERUM...
Home > CreateNetworkSecurityGroupBladeV2-20251223160413 | Overview > myNSGSecure
myNSGSecure | Network interfaces
Network security group
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Resource visualizer
Settings
Inbound security rules
Outbound security rules
Network interfaces
Subnets
Properties
Locks
Monitoring
Automation
Help
Add or remove favorites by pressing Ctrl+Shift+F
Associate
Refresh
Dissociate
Search network interfaces
Name
Public IP address
No results.
Associate network inte
myNSGSecure
Network interface associations *
simplewinvm24
OK
Microsoft
Sign out
ameerumar320@g...
ameerumar320@gmail.com
My Microsoft account
Switch directory
Sign in with a different account

Task 3:



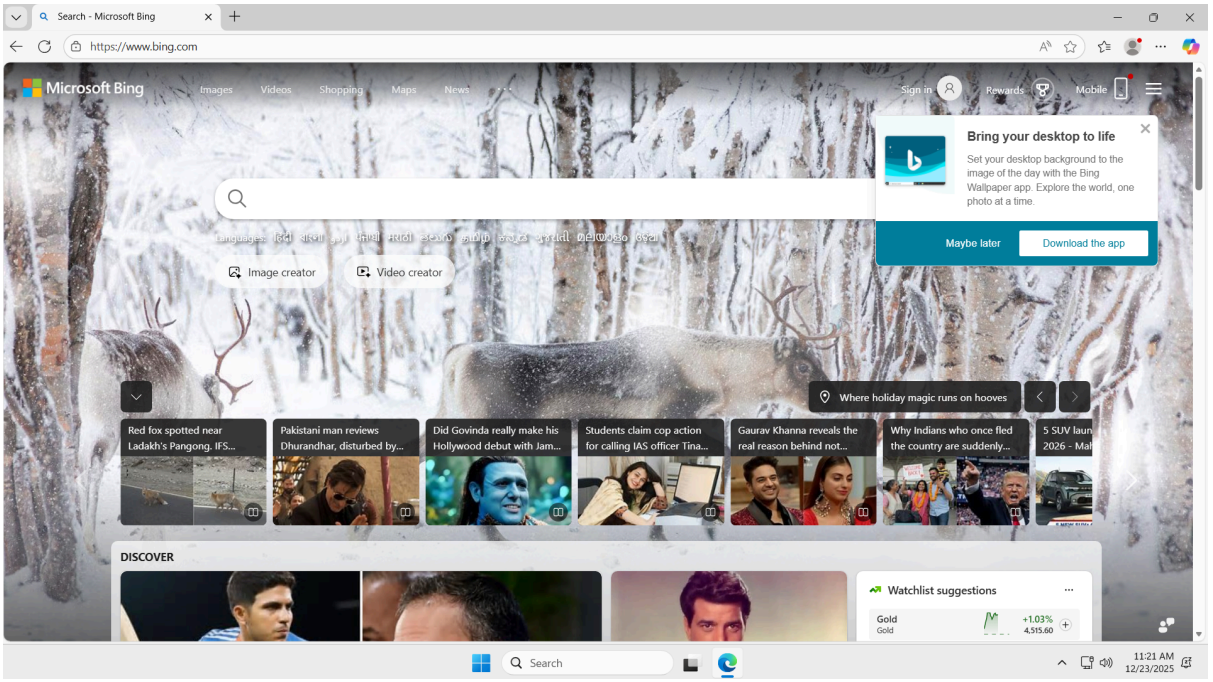
Inbound rule added:





Task 4:

Bing is accessible



Adding outbound rule