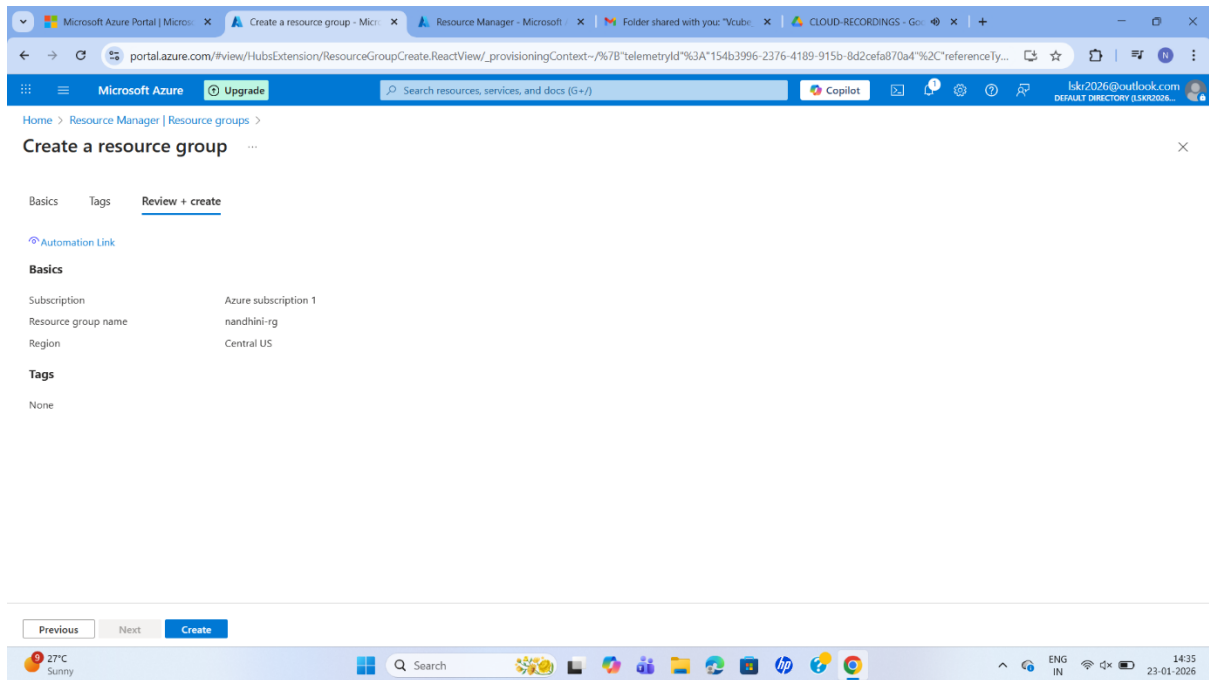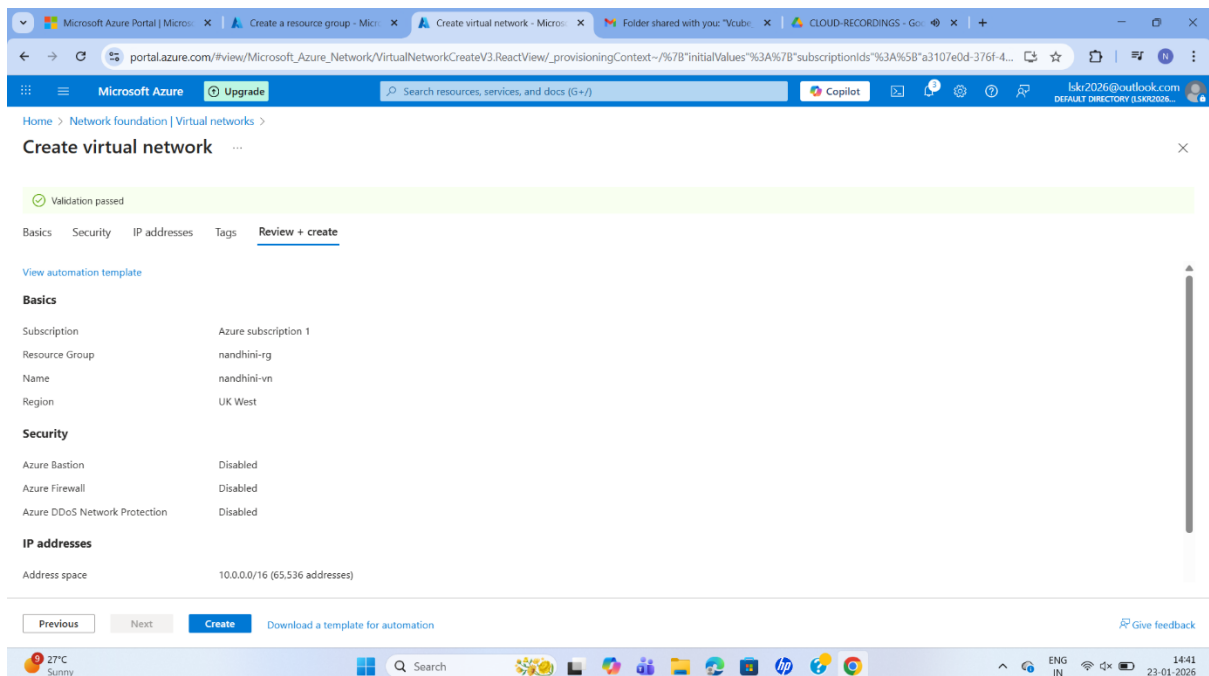# NETWORK SECURITY GROUPS(NSG);
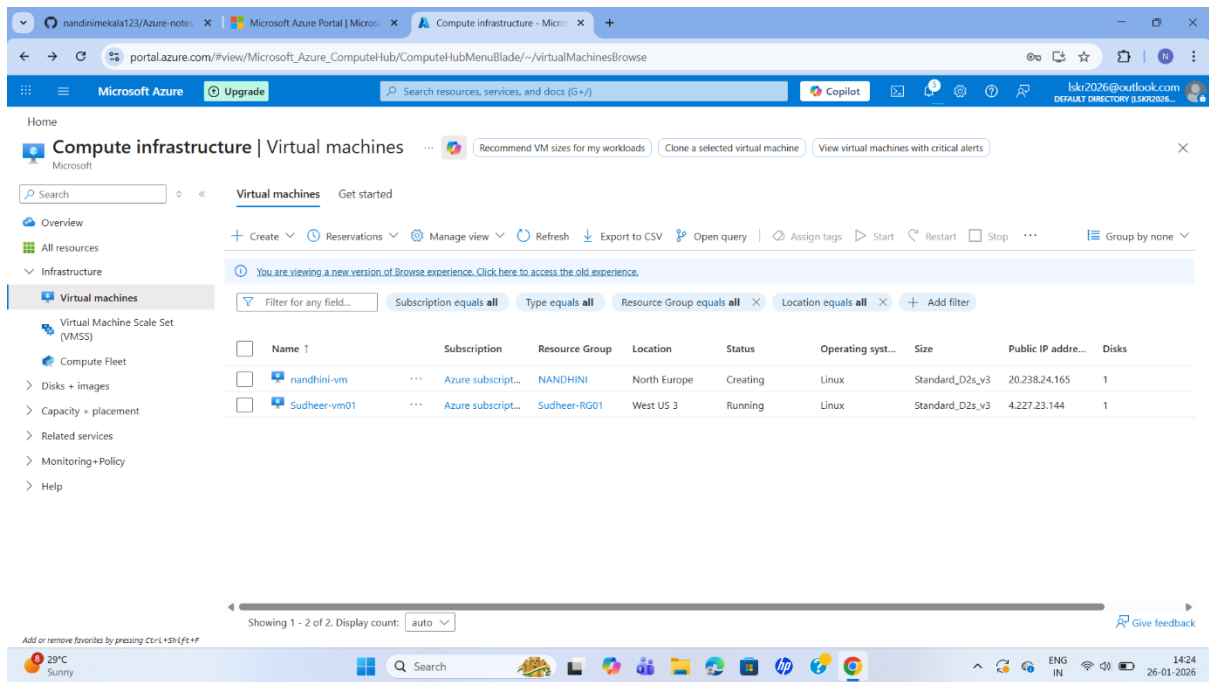
First Create Virtual Resource Groups
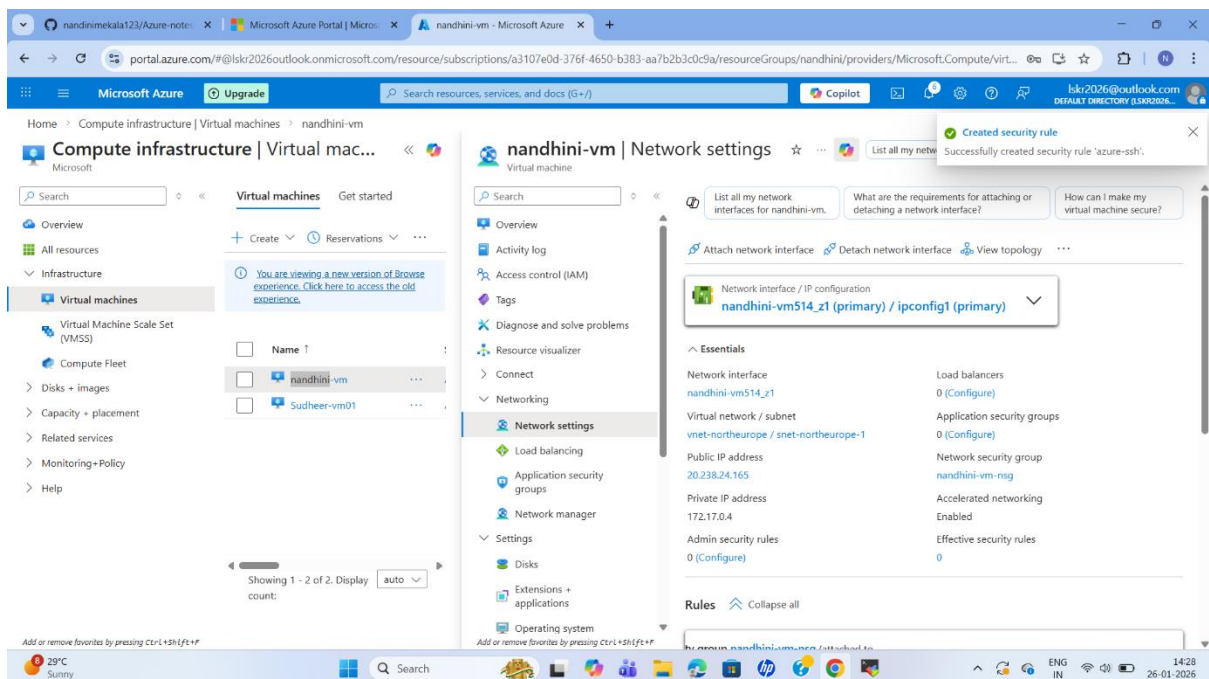

Create Virtual Networks

Create Virtual Machine

Network settings

Add Security rule allows ssh to virtual machine

Select inbound security rules add

Screenshot 1 — Azure Portal: Virtual machines / Network security group

Search | « | Virtual machines | Get started

Overview
All resources
Infrastructure
  Virtual machines
  Virtual Machine Scale Set (VMSS)
  Compute Fleet
> Disks + images
> Capacity + placement
> Related services
> Monitoring+Policy
> Help

+ Create ∨ | ⊘ Reservations ∨ | •••

ⓘ You are viewing a new version of Browse experience. Click here to access the old experience.

Name ↑
☐ 🖥 haritha-vm01 •••
☐ 🖥 Sudheer-vm01 •••
☐ 🖥 sureshvm •••

Showing 1 - 3 of 3. Display count: auto ∨

Add or remove favorites by pressing Ctrl+Shift+F

Search | ⊘ | Rules ⌃ Collapse all

Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Resource visualizer
> Connect
∨ Networking
  Network settings
  Load balancing
  Application security groups
  Network manager
∨ Settings
  Disks
  Extensions + applications
  Operating system

🛡 Network security group haritha-vm01-nsg (attached to networkInterface: haritha-vm01793)
Impacts 0 subnets, 1 network interfaces

+ Create port rule ∨

Search rules | Source == all | Destination == all | Protocol == all
Action == all | Port == all

Prio... ↑	Name	Port	Protocol	Sour...
∨ Inbound port rules (5)				
300	⚠ SSH	22	TCP	Any
310	http	80	TCP	Any
65000	AllowVnetInBound ⓘ	Any	Any	Virtu...
65001	AllowAzureLoadBalancerInB... ⓘ	Any	Any	Azur...
65500	DenyAllInBound ⓘ	Any	Any	Any
> Outbound port rules (3)				

Add or remove favorites by pressing Ctrl+Shift+F

Screenshot 2 — Azure Portal with MobaXterm terminal

portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourceGroups/nandhini/providers/Microsoft.Compute/virt...

Microsoft Azure | ⊕ Upgrade | Search resources, services, and docs (G+/) | Copilot | lskr2026@outlook.com DEFAULT DIRECTORY (LSKR2026...

Home > Compute infrastructure | Virtual machines > nandhini-vm

Compute infrastructure
Microsoft

Overview
All resources
Infrastructure
  Virtual machines
  Virtual Machine Scale Set (VMSS)
  Compute Fleet
> Disks + images
> Capacity + placement
> Related services
> Monitoring+Policy
> Help

Showing 1 - 2 of 2. Display count: auto ∨

MobaXterm terminal — 20.238.24.165 (nandhini)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help X server Exit

Quick connect...
/home/nandhini/
  Name
  ..
  .cache
  .ssh
  .bash_logout
  .bashrc
  .profile

ages [924 kB]
Get:46 http://azure.archive.ubuntu.com/ubuntu noble-security/universe Translation-en [209 kB]
Get:47 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 Components [74.2 kB]
Get:48 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [19.7 kB]
Get:49 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [2302 kB]
Get:50 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted Translation-en [527 kB]
Get:51 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:52 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [28.0 kB]
Get:53 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 Translation-en [6472 B]
Get:54 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
Get:55 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [384 B]
Fetched 39.5 MB in 6s (6089 kB/s)

Remote monitoring
Follow terminal folder

🖥 nandhini-vm | 50% | 0.58 GB / 7.76 GB | ↑ 0.02 Mb/s | ↓ 0.01 Mb/s | 6 min

View topology •••

balancers
(figure)
ation security groups
(figure)
rk security group
ini-vm-nsg
rated networking

Disks
Extensions + applications
Operating system
Add or remove favorites by pressing Ctrl+Shift+F

Rules ⌃ Collapse all
by group nandhini-vm-nsg (attached to

29°C Sunny | 🔍 Search | ENG IN | 14:30 26-01-2026

29°C
Sunny

ENG
IN
14:32
26-01-2026

Search

Virtual machines   Get started

Overview
All resources
Infrastructure
  Virtual machines
  Virtual Machine Scale Set (VMSS)
  Compute Fleet
Disks + images
Capacity + placement
Related services
Monitoring+Policy
Help

+ Create ∨   Reservations ∨   ···

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Name ↑

haritha-vm01   ···
Sudheer-vm01   ···
sureshvm   ···

Showing 1 - 3 of 3. Display count: auto ∨

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  Application security groups
  Network manager
Settings
  Disks
  Extensions + applications
  Operating system

Add or remove favorites by pressing Ctrl+Shift+F

Rules

Net
net
Imp

Source ⓘ
Any

Source port ranges * ⓘ
*

Destination ⓘ
Any

Service ⓘ
HTTP

Destination port ranges ⓘ
80

Protocol
○ Any
● TCP
○ UDP
○ ICMPv4
○ ICMPv6

Action
● Allow

Add   Cancel

Give feedback

Trending videos
All eyes on 'Ave...

ENG
IN
15:13
26-01-2026

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.