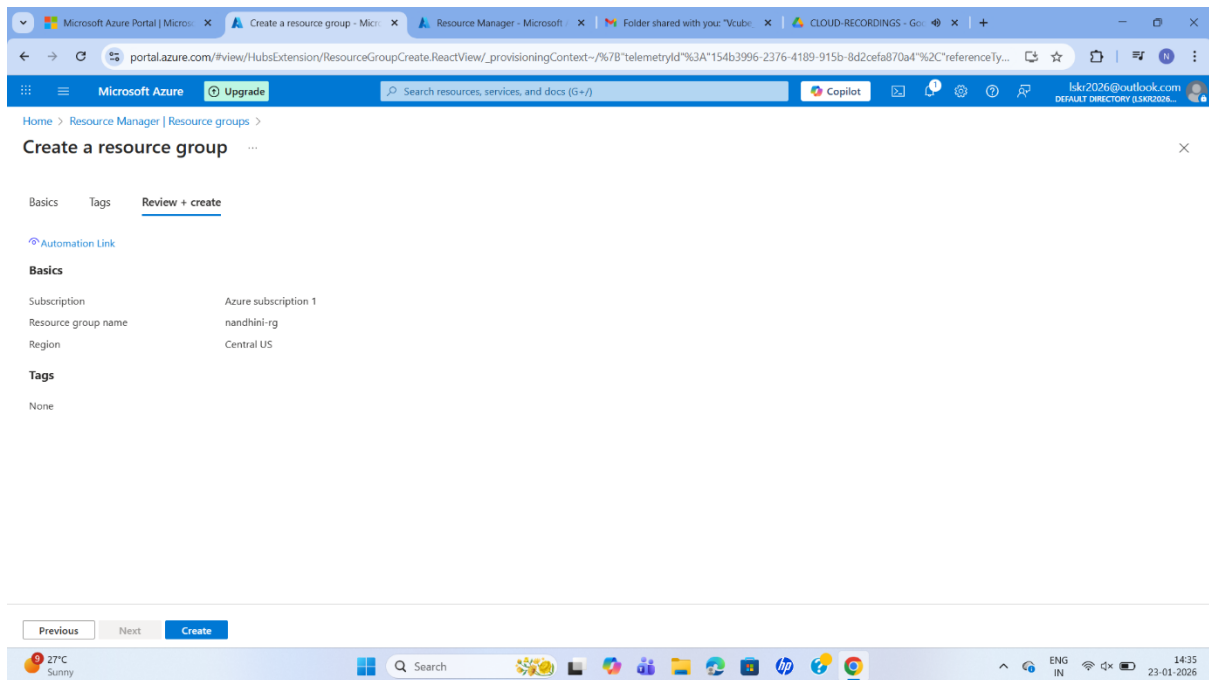
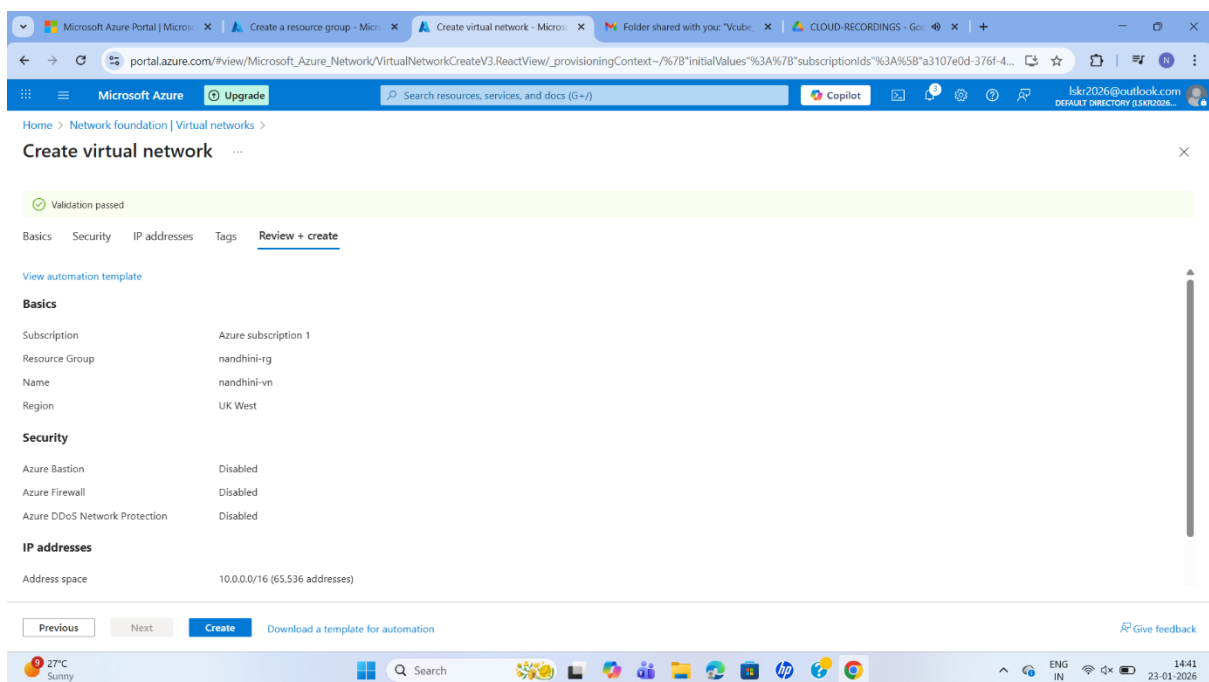


# VPN PEERING



# CREATE A VIRTUAL NETWORK



# CREATE A VIRTUAL MACHINE

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### Create a virtual machine

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Validation passed

Subscription	Azure subscription 1
Resource group	nandini01
Virtual machine name	nandu-vm01
Region	West US
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	Ubuntu Server 24.04 LTS - Gen2
VM architecture	x64
Size	Standard D2s v3 (2 vcpus, 8 GiB memory)
Enable Hibernation	No
Authentication type	Password
Username	nandini
Public inbound ports	SSH
Azure Spot	No

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# CONNECT BY USING PING COMMAND

## VM01 PING PVT IP OF VM02

```
20.237.192.37 (nandini)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split Multitask Tunneling Packages Settings Help

Quick connect...
+ /usr/bin/xaauth: file /home/nandini/.Xauthority does not exist
+ To run a command as administrator (user "root"), use "sudo <command>".
+ See "man sudo_root" for details.

nandini@nandu-vm01:~$ ping 10.2.1.4
PING 10.2.1.4 (10.2.1.4) 56(84) bytes of data.
64 bytes from 10.2.1.4: icmp_seq=159 ttl=64 time=1.70 ms
64 bytes from 10.2.1.4: icmp_seq=160 ttl=64 time=1.11 ms
64 bytes from 10.2.1.4: icmp_seq=161 ttl=64 time=16.3 ms
64 bytes from 10.2.1.4: icmp_seq=162 ttl=64 time=0.915 ms
64 bytes from 10.2.1.4: icmp_seq=163 ttl=64 time=0.934 ms
64 bytes from 10.2.1.4: icmp_seq=164 ttl=64 time=0.807 ms
64 bytes from 10.2.1.4: icmp_seq=165 ttl=64 time=0.909 ms
64 bytes from 10.2.1.4: icmp_seq=166 ttl=64 time=0.950 ms
64 bytes from 10.2.1.4: icmp_seq=167 ttl=64 time=1.04 ms
64 bytes from 10.2.1.4: icmp_seq=168 ttl=64 time=0.909 ms
64 bytes from 10.2.1.4: icmp_seq=169 ttl=64 time=0.999 ms
64 bytes from 10.2.1.4: icmp_seq=170 ttl=64 time=0.978 ms
64 bytes from 10.2.1.4: icmp_seq=171 ttl=64 time=1.02 ms
64 bytes from 10.2.1.4: icmp_seq=172 ttl=64 time=0.821 ms
64 bytes from 10.2.1.4: icmp_seq=173 ttl=64 time=0.789 ms
64 bytes from 10.2.1.4: icmp_seq=174 ttl=64 time=1.05 ms
64 bytes from 10.2.1.4: icmp_seq=175 ttl=64 time=0.985 ms
64 bytes from 10.2.1.4: icmp_seq=176 ttl=64 time=0.889 ms
64 bytes from 10.2.1.4: icmp_seq=177 ttl=64 time=0.911 ms
64 bytes from 10.2.1.4: icmp_seq=178 ttl=64 time=1.08 ms
64 bytes from 10.2.1.4: icmp_seq=179 ttl=64 time=1.10 ms
64 bytes from 10.2.1.4: icmp_seq=180 ttl=64 time=0.996 ms
64 bytes from 10.2.1.4: icmp_seq=181 ttl=64 time=0.888 ms
64 bytes from 10.2.1.4: icmp_seq=182 ttl=64 time=0.918 ms
64 bytes from 10.2.1.4: icmp_seq=183 ttl=64 time=0.903 ms
64 bytes from 10.2.1.4: icmp_seq=184 ttl=64 time=1.07 ms
64 bytes from 10.2.1.4: icmp_seq=185 ttl=64 time=0.867 ms
64 bytes from 10.2.1.4: icmp_seq=186 ttl=64 time=0.968 ms
64 bytes from 10.2.1.4: icmp_seq=187 ttl=64 time=0.775 ms
^C
--- 10.2.1.4 ping statistics ---
187 packets transmitted, 29 received, 84.492% packet loss, time 198057ms
rtt min/avg/max/mdev = 0.775/1.586/16.257/2.792 ms
nandini@nandu-vm01:~$
```

# CREATE AN ANOTHER VIRTUAL NETWORK

Microsoft Azure Portal | Micro... x Create a resource group - Micro... x Create virtual network - Micro... x Folder shared with you "Kub... x CLOUD-RECORDINGS - Go... x +

portal.azure.com/#view/Microsoft\_Azure\_Network/VirtualNetworkCreateV3.ReactView/\_provisioningContext~/~/7B"initialValues"%3A%7B"subscriptionId"%3A%5B"a3107e0d-376f-4...

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Home > Network foundation | Virtual networks >

## Create virtual network

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Basics Security IP addresses Tags **Review + create**

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**Basics**

Subscription	Azure subscription 1
Resource Group	nandhini-rg
Name	nandhini-vn
Region	UK West

**Security**

Azure Bastion	Disabled
Azure Firewall	Disabled
Azure DDoS Network Protection	Disabled

**IP addresses**

Address space	10.0.0.0/16 (65,536 addresses)
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## Create a virtual machine

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Validation passed

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Username	nandini
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Azure Spot	No

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## OTHER REGION

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Home > Resource Manager | Resource groups >

## Create a resource group

Basics Tags **Review + create**

[Automation Link](#)

**Basics**

Subscription	Azure subscription 1
Resource group name	nandhini-rg
Region	Central US

**Tags**

None
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