

## **Week 3 : Assignment**

Create a VNET and its Subnets and launch a Windows Linux VM in each subnet, VM should be able to ping each other. Create two Vnets and create a connection between them using Vnet peering.

**Ananya Srivastava**  
**Cloud Infra**

# 1. Create a VNET and It's Subnets

Microsoft Azure

Upgrade

Search resources, services, and docs (5+)

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DEFAULT DIRECTORY (ANANYAS...

Home > Virtual networks >

Create virtual network

BasicsSecurityIP addressesTagsReview + create

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) testing1  
[Create new](#)

Instance details

Virtual network name \*  
VNet

Region \*  
(Asia Pacific) South India  
[Deploy to an Azure Extended Zone](#)

Previous

Next

Review + create

Give feedback

Search

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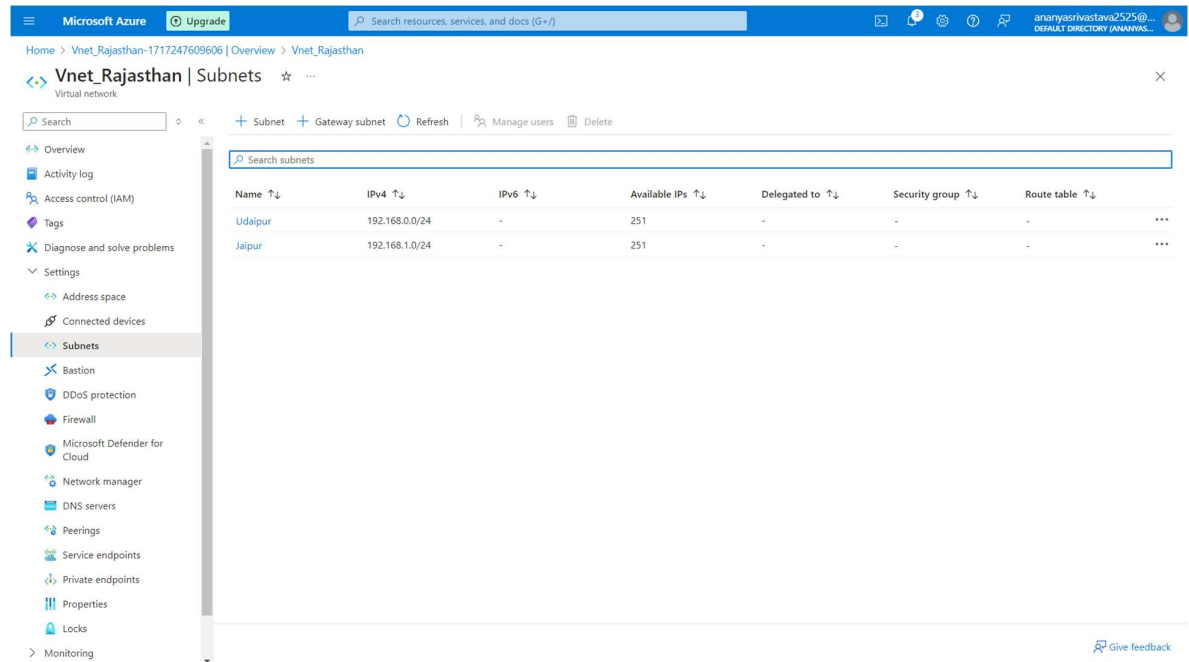
17:33  
01-06-2024

**Name of Virtual Network = Vnet\_Rajasthan**

**There are two subnets :-**

**i) Udaipur**

**ii) Jaipur**



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Home > Vnet\_Rajasthan-1717247609606 | Overview > Vnet\_Rajasthan

Vnet\_Rajasthan | Subnets

Virtual network

Search

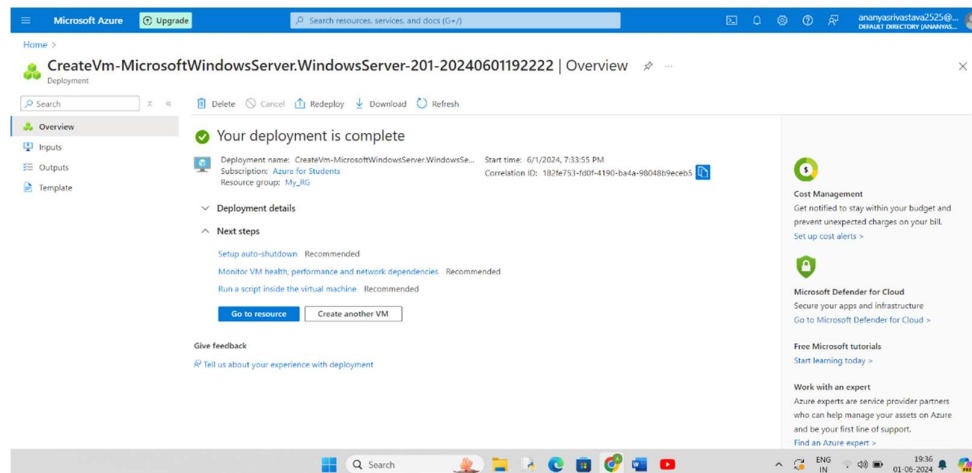
+ Subnet + Gateway subnet Refresh Manage users Delete

Overview  
Activity log  
Access control (IAM)  
Tags  
Diagnose and solve problems  
Settings  
Address space  
Connected devices  
Subnets  
Bastion  
DDoS protection  
Firewall  
Microsoft Defender for Cloud  
Network manager  
DNS servers  
Peerings  
Service endpoints  
Private endpoints  
Properties  
Locks  
Monitoring

Search subnets

Name ↑↓	IPv4 ↑↓	IPv6 ↑↓	Available IPs ↑↓	Delegated to ↑↓	Security group ↑↓	Route table ↑↓	
Udaipur	192.168.0.0/24	-	251	-	-	-	...
Jaipur	192.168.1.0/24	-	251	-	-	-	...

Give feedback



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Home > CreateVm-MicrosoftWindowsServer.WindowsServer-201-20240601192222 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview  
Inputs  
Outputs  
Template

✓ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsServer-201-20240601192222 Start time: 6/1/2024, 7:33:55 PM  
Subscription: Azure for Students Correlation ID: 18276753-f00f-4190-ba1a-98048b8e6eb0

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

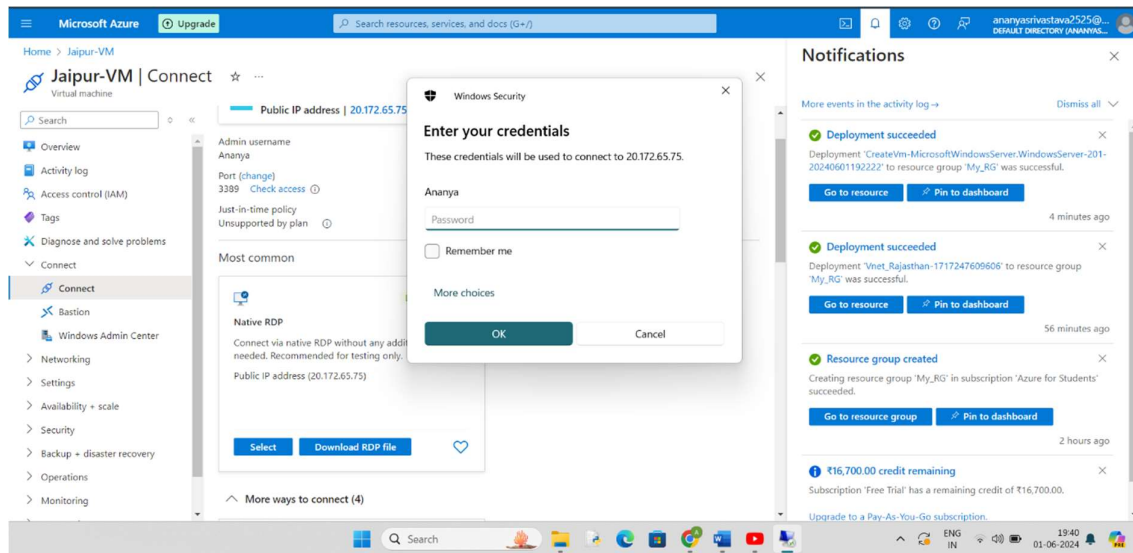
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Microsoft Defender for Cloud  
Secure your apps and infrastructure  
Go to Microsoft Defender for Cloud >

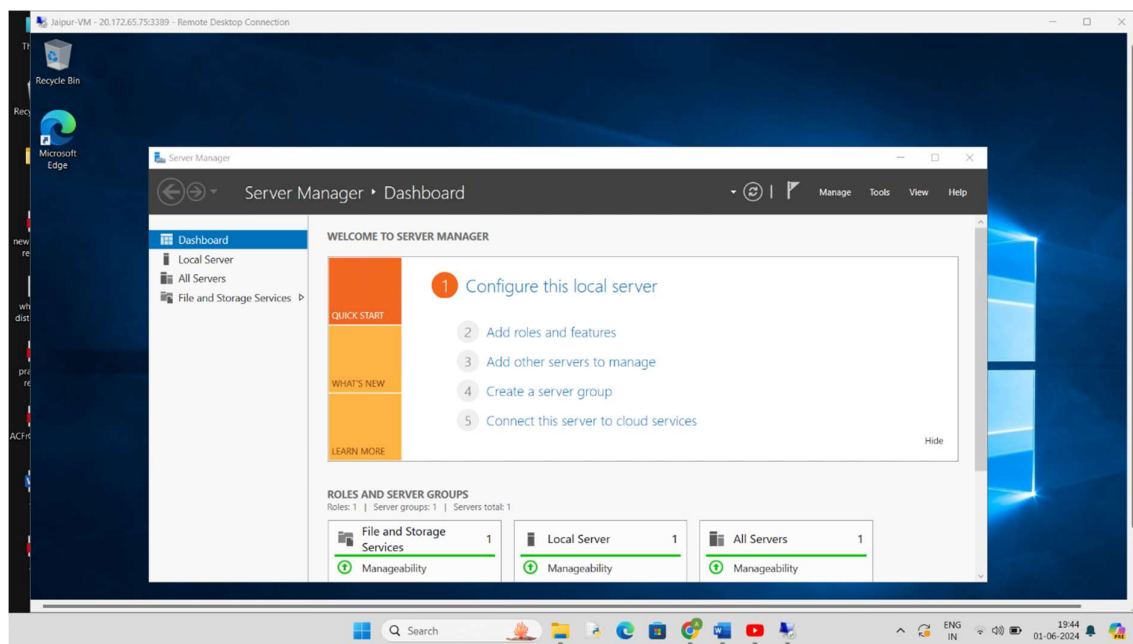
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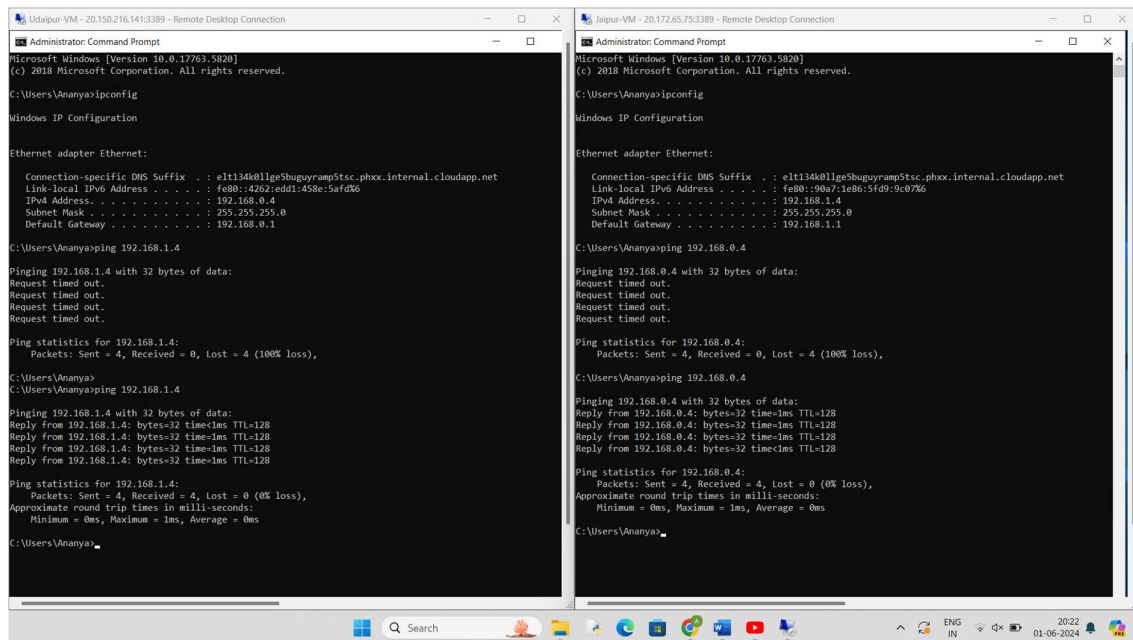
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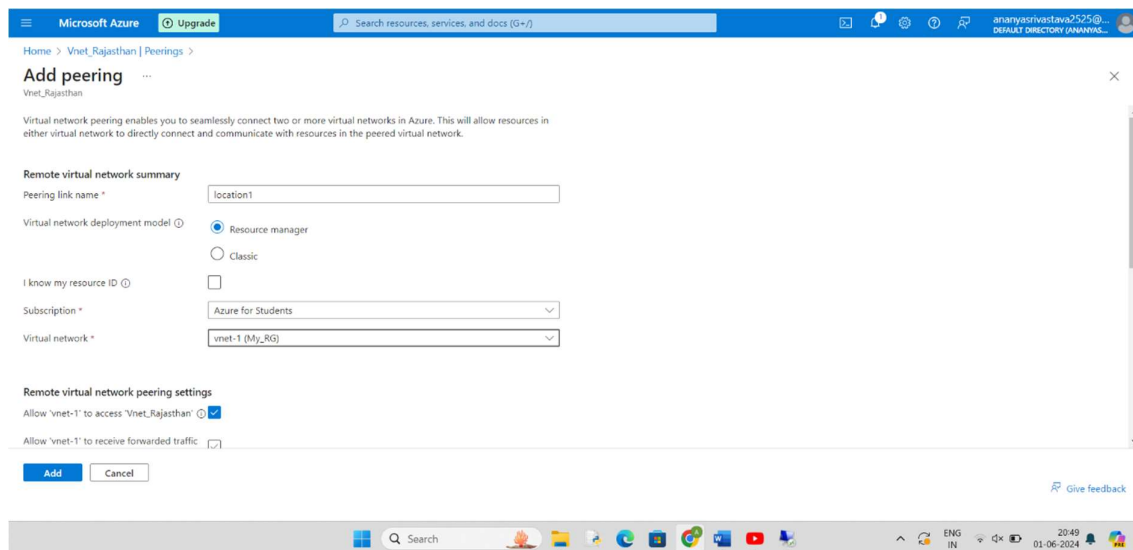
## 2. Launch Windows Linux VM in each subnet



### 3. Ping the VM



### 4. Create two Vnets and create a connection between them using Vnet peering.



Microsoft Azure

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Home > Vnet\_Rajasthan

Vnet\_Rajasthan | Peerings

Virtual network

Search

+ Add Refresh Export to CSV Delete Sync

Virtual network peering enables you to seamlessly connect two or more virtual networks in Azure. The virtual networks appear as one for connectivity purposes. [Learn more](#)

Filter by name...

Name	Peering sync status	Peering state	Remote virtual ...	Virtu...
location2	Fully Synchronized	Connected	vnet-1	Disabled

Give feedback

Connected devices

Subnets

Bastion

DDoS protection

Firewall

Microsoft Defender for Cloud

Network manager

DNS servers

Peerings

Service endpoints

Private endpoints

Properties

Locks

Monitoring

Automation

https://portal.azure.com/#@ananyasrivastava2525gmail.onmicrosoft.com/resource/subscriptions/242db67-7017-4999-b1f1-b4aa20476c72/resourceGroups/My\_RG/providers/Microsoft.Network/virtualNetworks/Vnet\_Rajasthan/peerings

Search

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