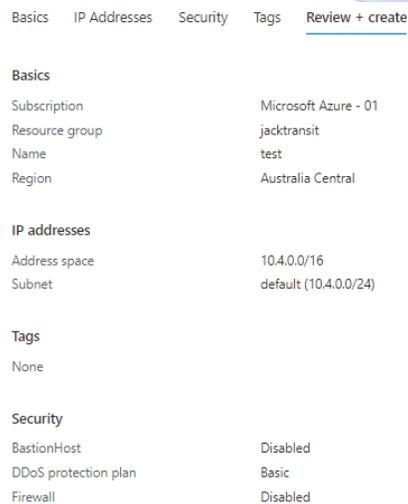# VNet Transit Gateway

概述

Transit Gateway 是用來當一個中央 Vnet Peering 的連線方式，如果 A 與 B 能透過
Peering 進行溝通，那如果要在讓 C 與 A 跟 B 溝通，就要建立一個 HubVnet，需要讓每個
Vnet Peering 到 HubVNet 就可以讓 A 跟 B 跟 C 進行溝通。

事前準備

- 需要有 3 個不同 Vnet
- 確認 IP Address 不可以相同，區域無限制，但建議是同區域降低區域性
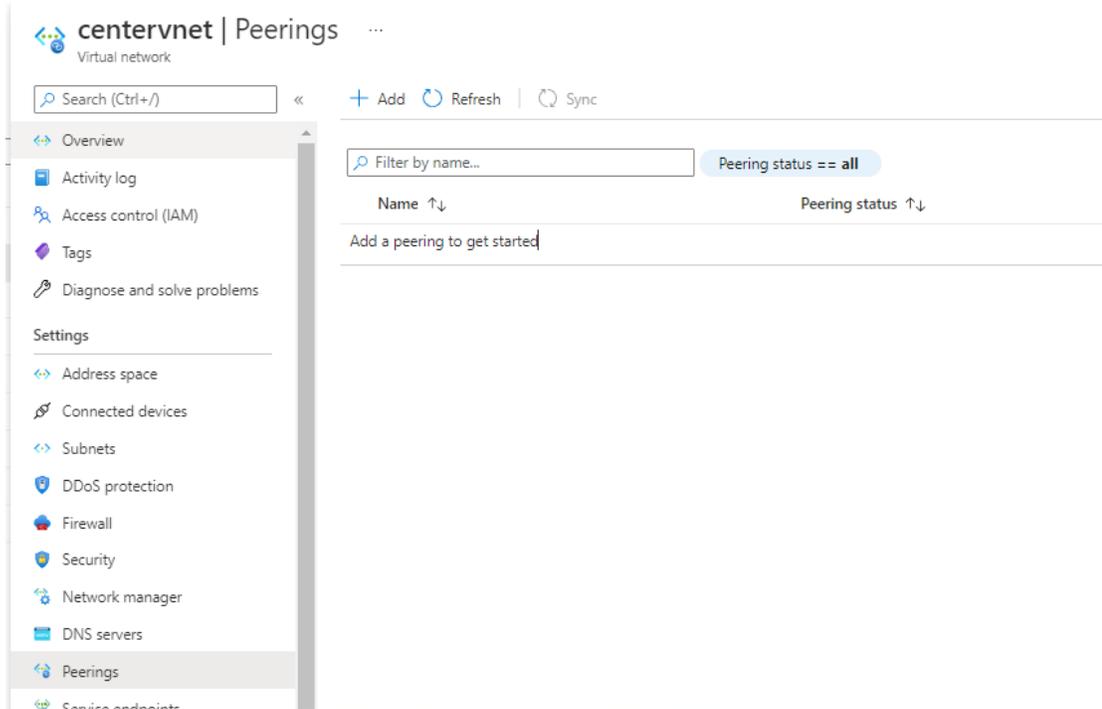- 一次可以與 500 多個 Vnet 連線
- 需建立路由來路由 Vnet

操作步驟

1. 建立三個不同 Address Space 的 VNet，區域可以相同或不同

2. 於作為 HubVnet 的 VNet 進行 Peering 於每個 Vnet 溝通

3. 輸入 HubVnetPeering 資訊，Remote VNet 選擇 Remote Vnet

Add peering ...

centervnet

> links.

This virtual network

Peering link name *

Hub2Vnet2 ✓

Traffic to remote virtual network ⓘ
- ⦿ Allow (default)
- ◯ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network ⓘ
- ⦿ Allow (default)
- ◯ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server ⓘ
- ⦿ Use this virtual network's gateway or Route Server
- ◯ Use the remote virtual network's gateway or Route Server
- ◯ None (default)

Remote virtual network

Peering link name *

Vnet22Hub ✓

Virtual network deployment model ⓘ
- ⦿ Resource manager
- ◯ Classic

☐ I know my resource ID ⓘ

Subscription * ⓘ

Microsoft Azure - 01 ⌄

Virtual network *

jackvmvnet2 ⌄

Traffic to remote virtual network ⓘ
- ⦿ Allow (default)
- ◯ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network ⓘ
- ⦿ Allow (default)
- ◯ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server ⓘ
- ◯ Use this virtual network's gateway or Route Server
- ⦿ Use the remote virtual network's gateway or Route Server
- ◯ None (default)

4. 確認 Gateway Transit "Enabled"

5. 建立 Route Table，並選擇與 VM 相同區域的區域

Create Route table ...

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to c manage all your resources.

Subscription * ⓘ	Microsoft Azure - 01
Resource group * ⓘ	jacktransit
	Create new

Instance details

Region * ⓘ	Southeast Asia
Name * ⓘ	transit
Propagate gateway routes * ⓘ	⦿ Yes ◯ No

6. 新增所有 VM 的 Vnet 的 Address Space

routetable | Routes
Route table

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

Settings
- Configuration
- Routes
- Subnets
- Properties
- Locks

+ Add

Search routes

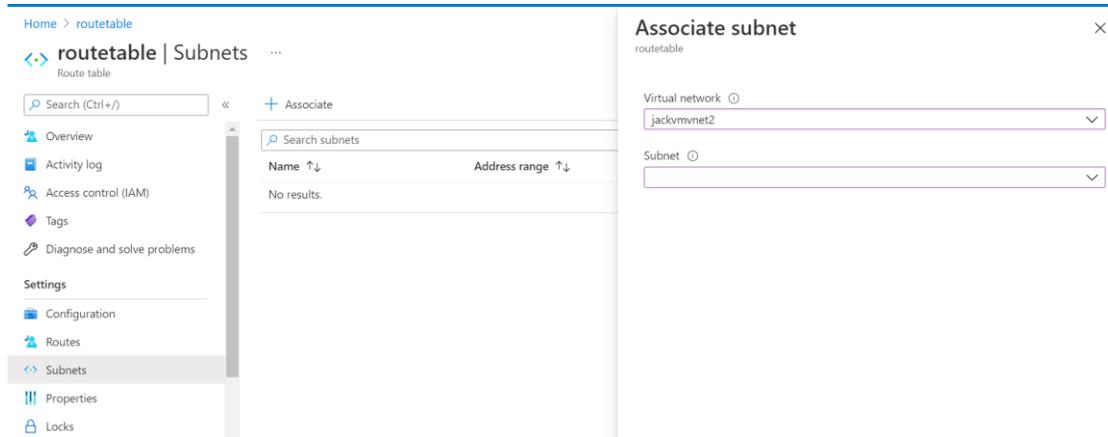| Name		Address prefix		Next h
No results.				

7. 指向 VPN

Edit route
Gateway

Save Discard Delete

Address prefix *
200.200.0.0/16

Next hop type
Virtual network gateway

Next hop address

8. 選擇 VM 所使用的 Subnet

9. 登入測試 Peering 連線，透過 Private IP

參考文件

為虛擬網路對等互連設定 VPN 閘道傳輸

[為虛擬網路對等互連設定 VPN 閘道傳輸 - Azure VPN Gateway | Microsoft Learn](#)

雲馥聯繫資訊

雲馥數位股份有限公司

地址：241 新北市三重區重新路四段 12 號 12 樓

電話：+ 886 2 2595 1865

傳真：+ 886 2 2595 8973

網址：https://www.cloudriches.com

電子郵件：service@cloudriches.com

服務電話：+ 886 2 2595 6218

服務平台：https://portal.cloudriches.com