Managing Azure Virtual Networks

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Overview

Configure subnets

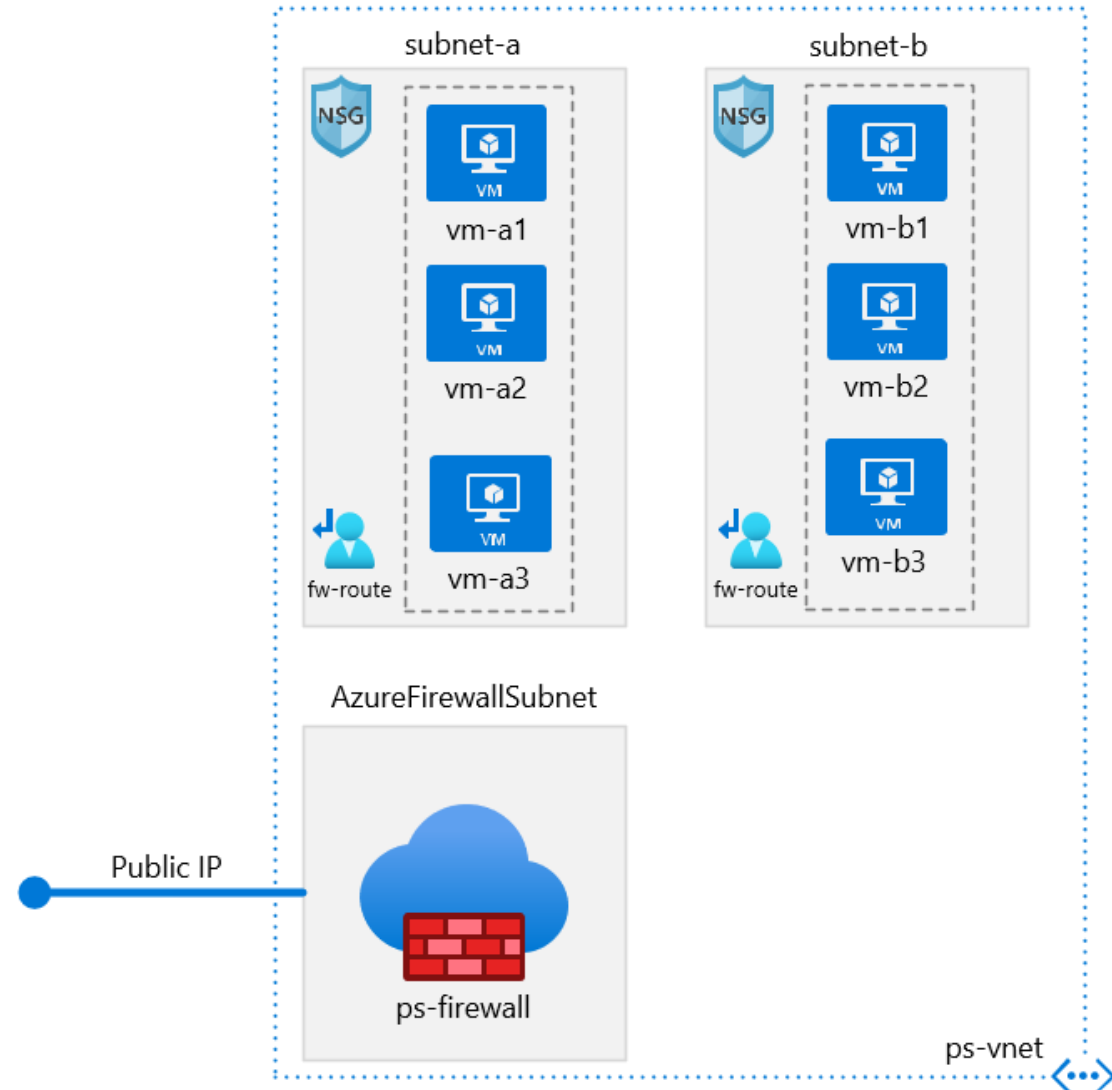**Create and configure VNet peering**

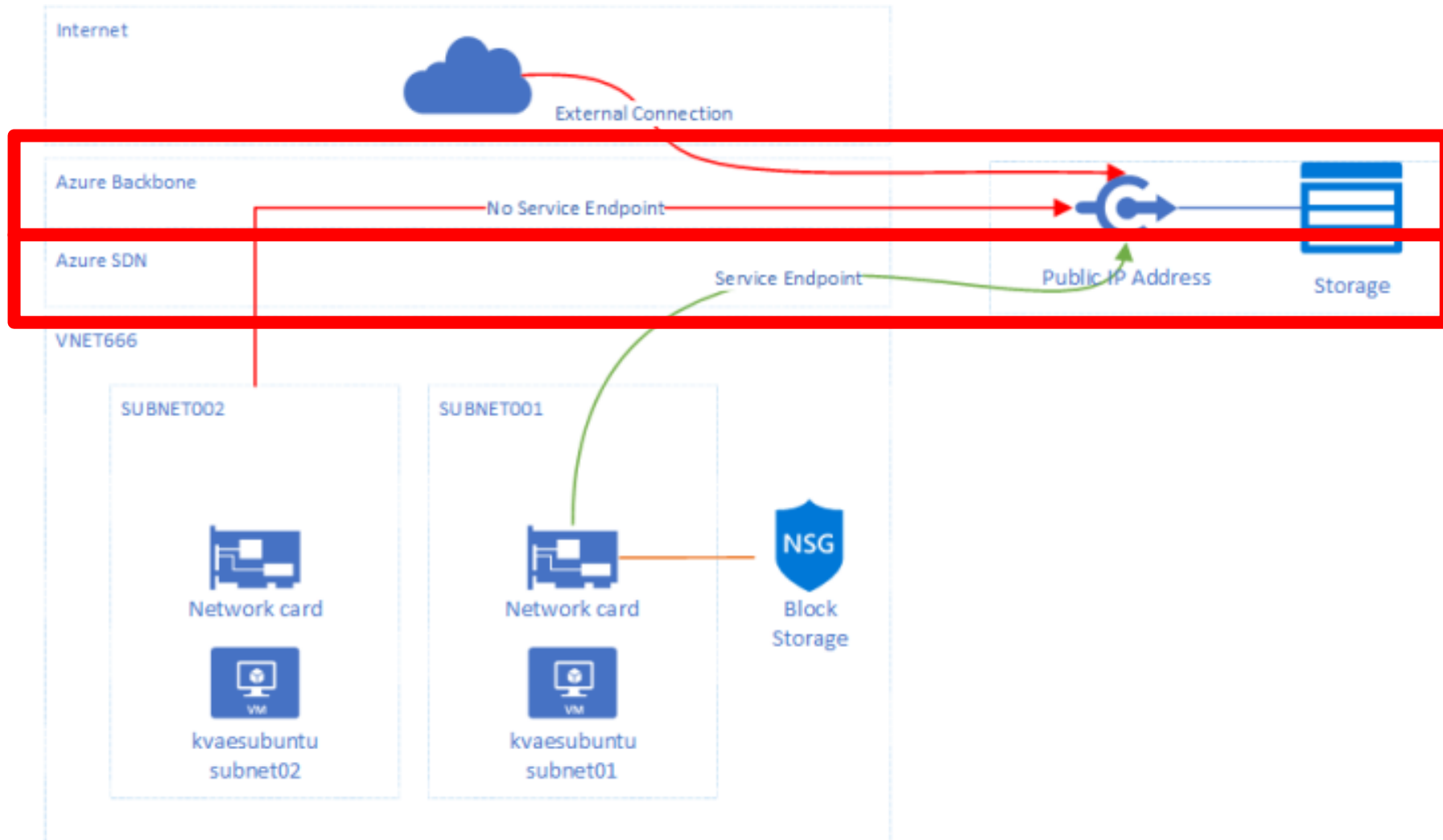**Configure network routes**

Configure Subnets

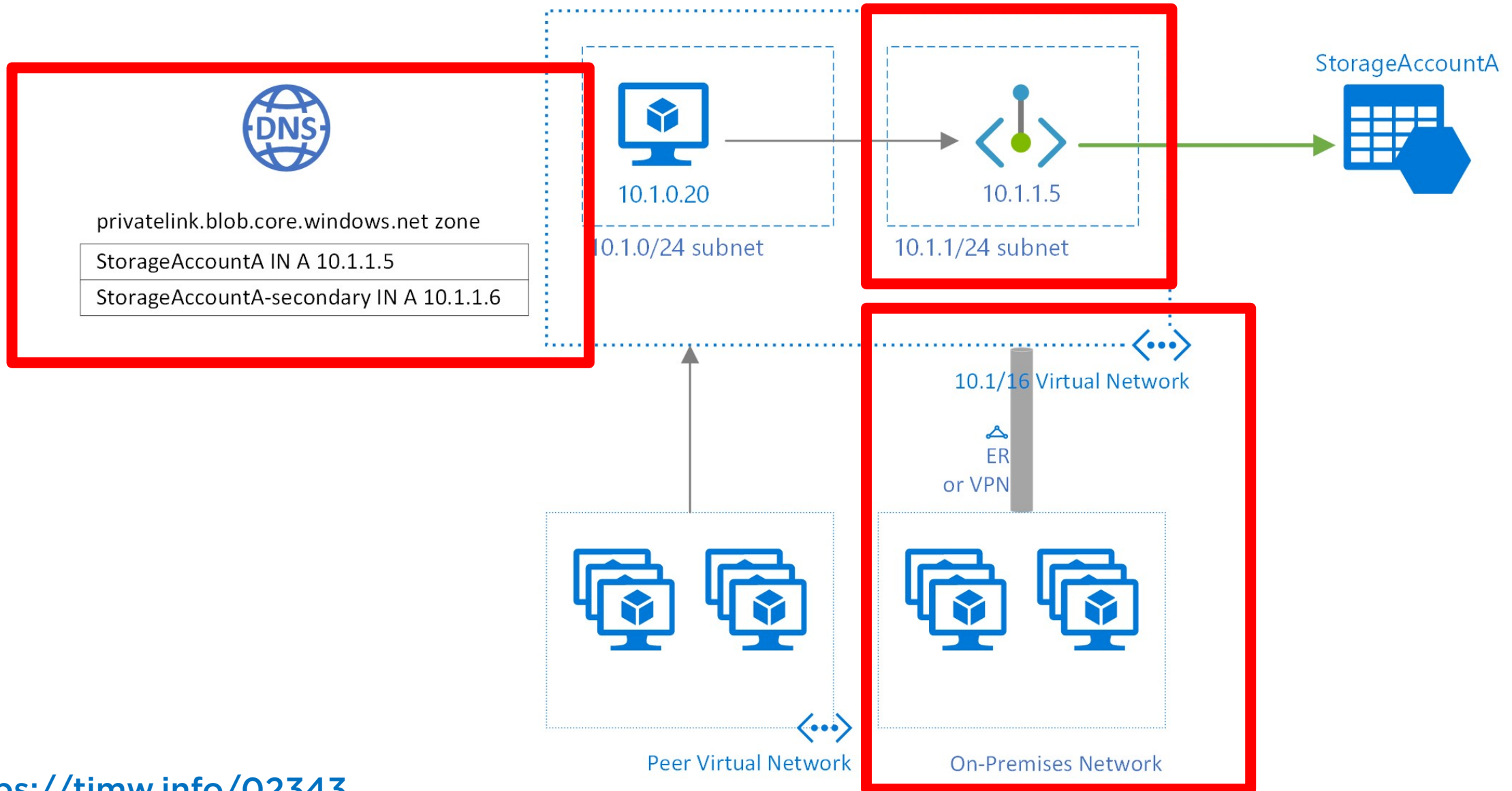# Subnet Delegation

Injected services

Reserved subnet label

Security policies

Route policies

Service Endpoints

https://timw.info/64e59

Private Endpoints

privatelink.blob.core.windows.net zone

StorageAccountA IN A 10.1.1.5	
StorageAccountA-secondary IN A 10.1.1.6	

10.1.0.20

10.1.0/24 subnet

10.1.1.5

10.1.1/24 subnet

StorageAccountA

10.1/16 Virtual Network

ER or VPN

Peer Virtual Network

On-Premises Network

https://timw.info/02343

Demo

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Set up service endpoint
- Show routing table
- Test

Set up private endpoint
- Test

Configure Peering

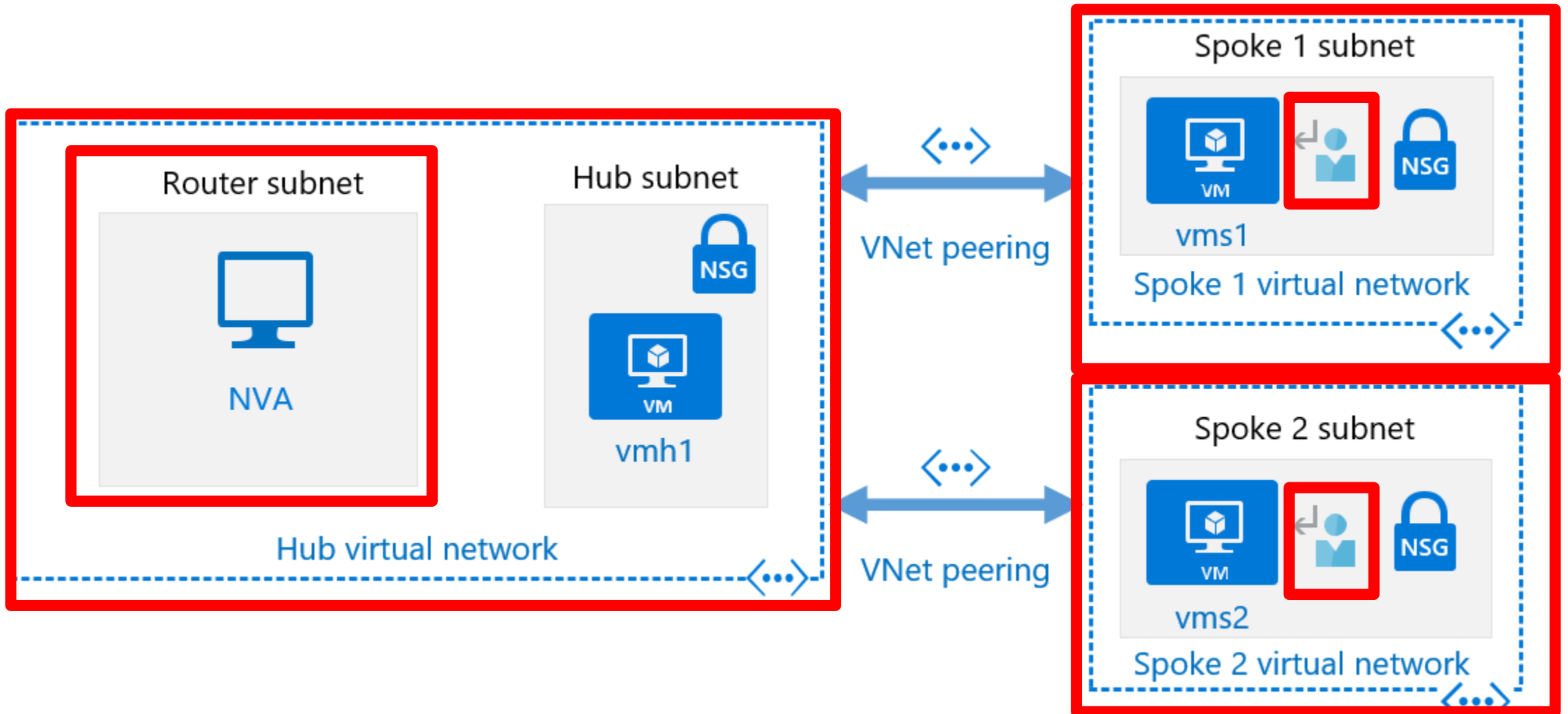# Global VNet Peering
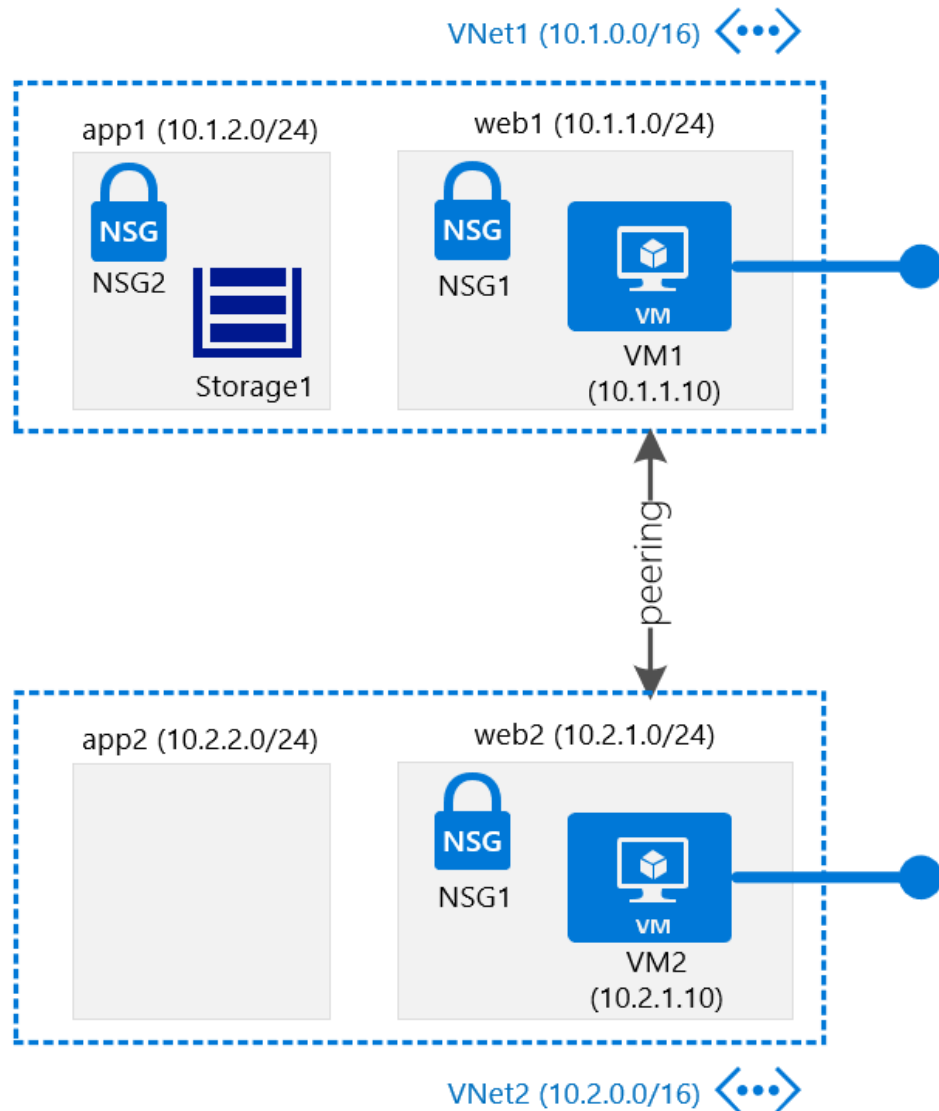
Configure Routing

Peering and Transitivity

NVAs and User-Defined Routing

On-premises network
192.168.0.0/16

Azure Vnet
10.0.0.0/16

Gateway subnet
10.0.255.224/27

Public DMZ in
10.0.0.64/27

Web tier
10.0.1.0/24

Availability set

UDR

UDR

Gateway

NVA

VM

VM

VM

NSG

NSG

PIP

Internet clients

— Requests to Azure workload

— Requests from Azure workload

https://timw.info/hva
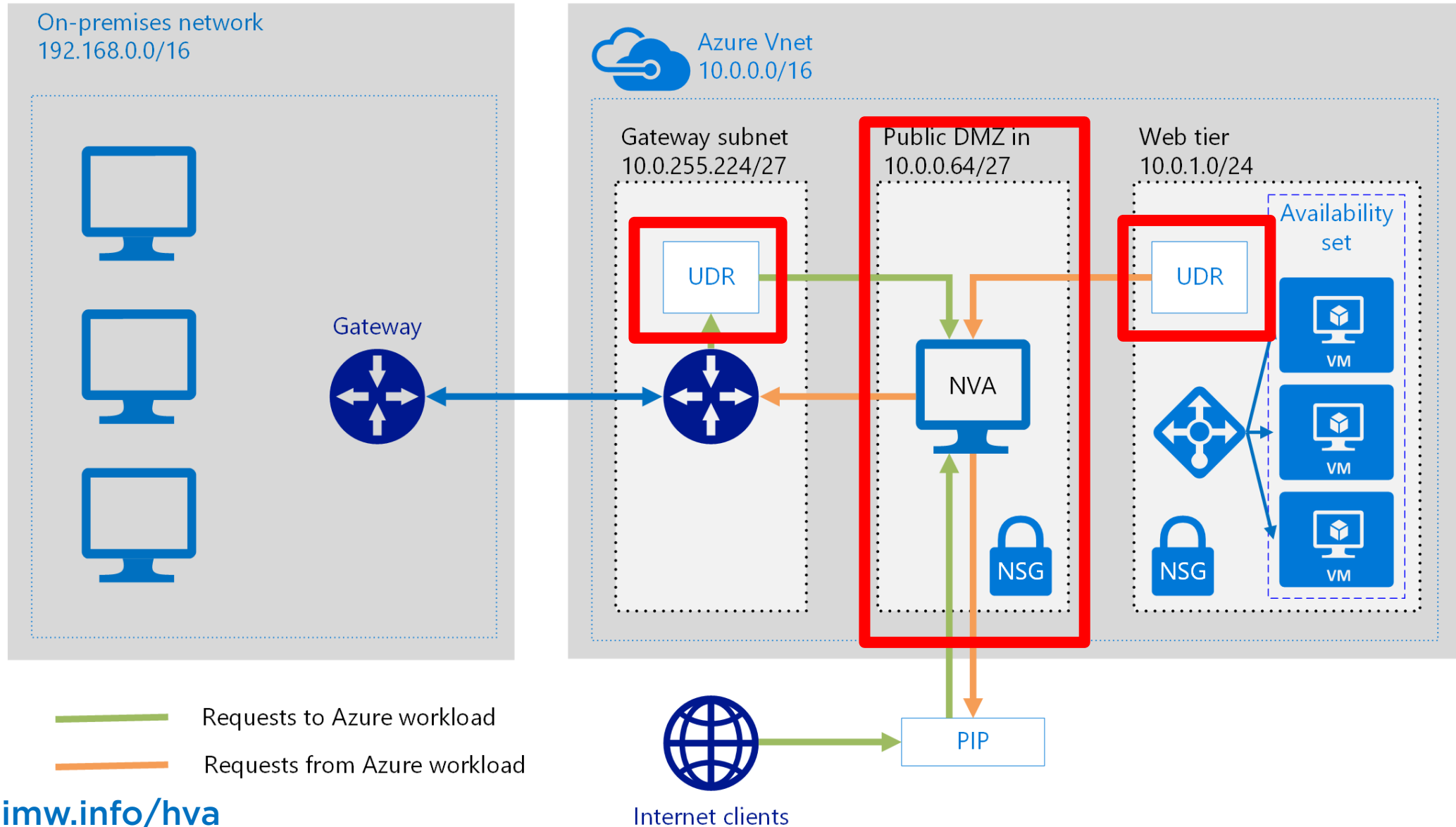
Demo

2

Create peering

Deploy Firewall

Deploy routes

Test connectivity

NW Next hop

Summary

Keep the shared responsibility model in mind

– You're responsible for using Azure tools to protect your resources

Keep Azure trends in mind

– VNet service integration

Thank you!

Courses: timw.info/ps

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