Step-by-Step Guide: VNet Peering in Azure

Step 1: Create the First Virtual Machine

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1. Go to the Azure portal.

2. Click on 'Create a resource' > 'Compute' > 'Virtual Machine'.

3. Fill in the Basic details:

   - Select Region.

   - Choose an appropriate VM size.

   - Enable HTTP, RDP access.

4. Configure the Network settings:

   - Create a new Virtual Network (e.g., VNet01).

   - Create a new Subnet (e.g., Subnet01).

5. Click 'Review + Create' > 'Create'.

Step 2: Create the Second Virtual Machine

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1. Repeat Step 1, but:

   - Name the Virtual Network VNet02 instead of VNet01.

   - Name the Subnet Subnet02 instead of Subnet01.

   - Set Public IP to None.

2. Click 'Review + Create' > 'Create'.

Step 3: Configure VNet Peering

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1. Go to 'Virtual Networks' in the Azure portal.

2. Select VNet01 > 'Peerings' > 'Add Peering'.

3. Enter the following details:

   - Peering link name: VNet01-to-VNet02.

   - Remote virtual network: Select VNet02.

   - Enable 'Allow virtual network access'.

4. Click 'OK'.

Step 4: Configure Peering on the Second VNet

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1. Select VNet02 > 'Peerings' > 'Add Peering'.

2. Enter the details:

   - Peering link name: VNet02-to-VNet01.

   - Remote virtual network: Select VNet01.

   - Enable 'Allow virtual network access'.

3. Click 'OK'.

Step 5: Test Connectivity

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1. Connect to the First VM using RDP.

2. Open Command Prompt and run:

   ping <Private IP of Second VM>

3. If the peering is correctly set up, the ping should be successful.