1. Use the Previously Created Linux VM

- **In Azure Portal**:
    1. Go to "Virtual Machines."
    2. Select the previously created **Linux VM**.

2. Install Apache2 on This VM

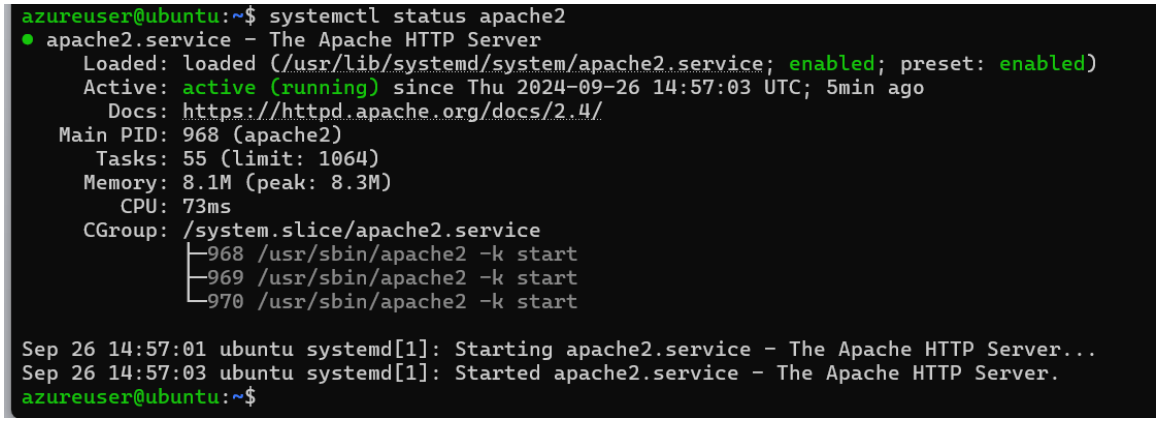
- **Via SSH**:
    1. Connect to your Linux VM using SSH. In your terminal, run:
    2. Once logged in, update the package list:

       sudo apt update
    3. Install Apache2:

       sudo apt install apache2 -y
    4. Start and enable Apache2 to run on boot:

       sudo systemctl start apache2

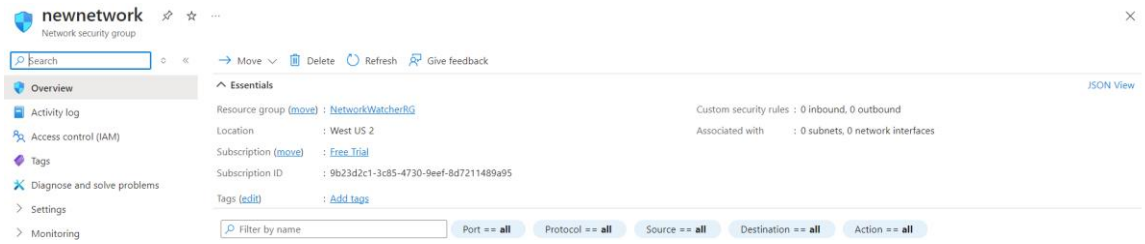
       sudo systemctl enable apache2



3. Create a Network Security Group (NSG) for the Subnet

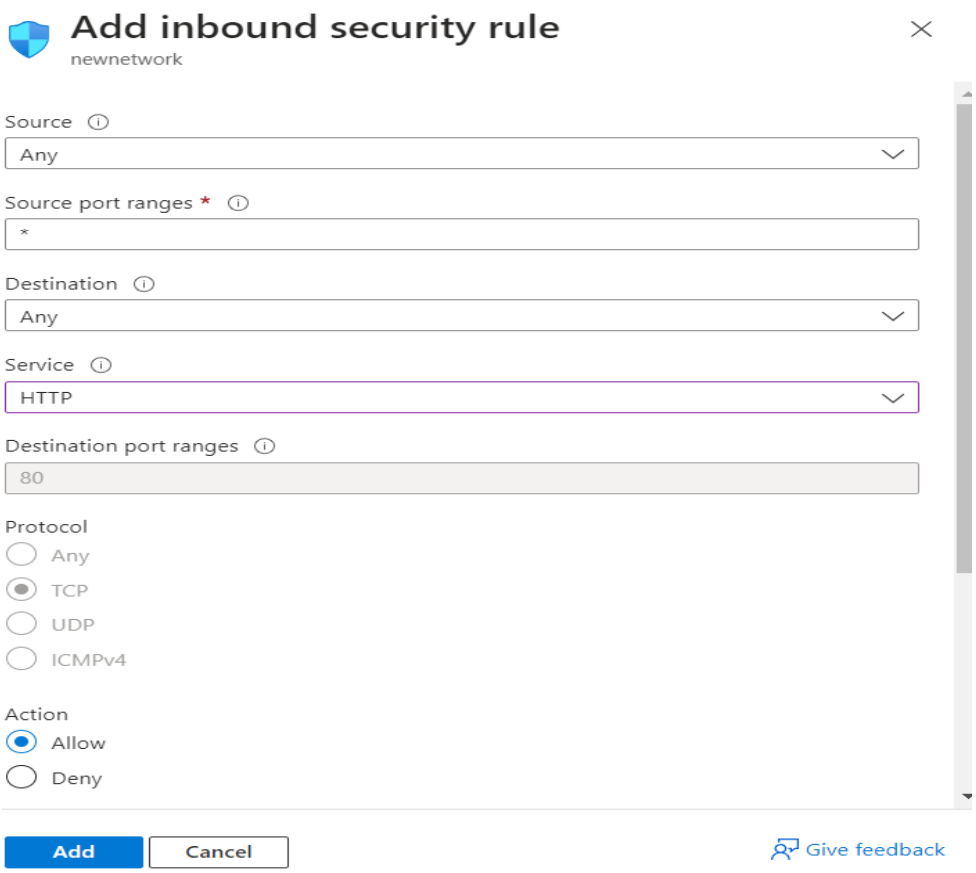
- **In Azure Portal**:
    1. Navigate to "Network Security Groups."
    2. Click "Create."
    3. Enter a name for the NSG and select the appropriate **resource group** and **region** (same as your VM).

4. Click "Review + Create," then "Create."

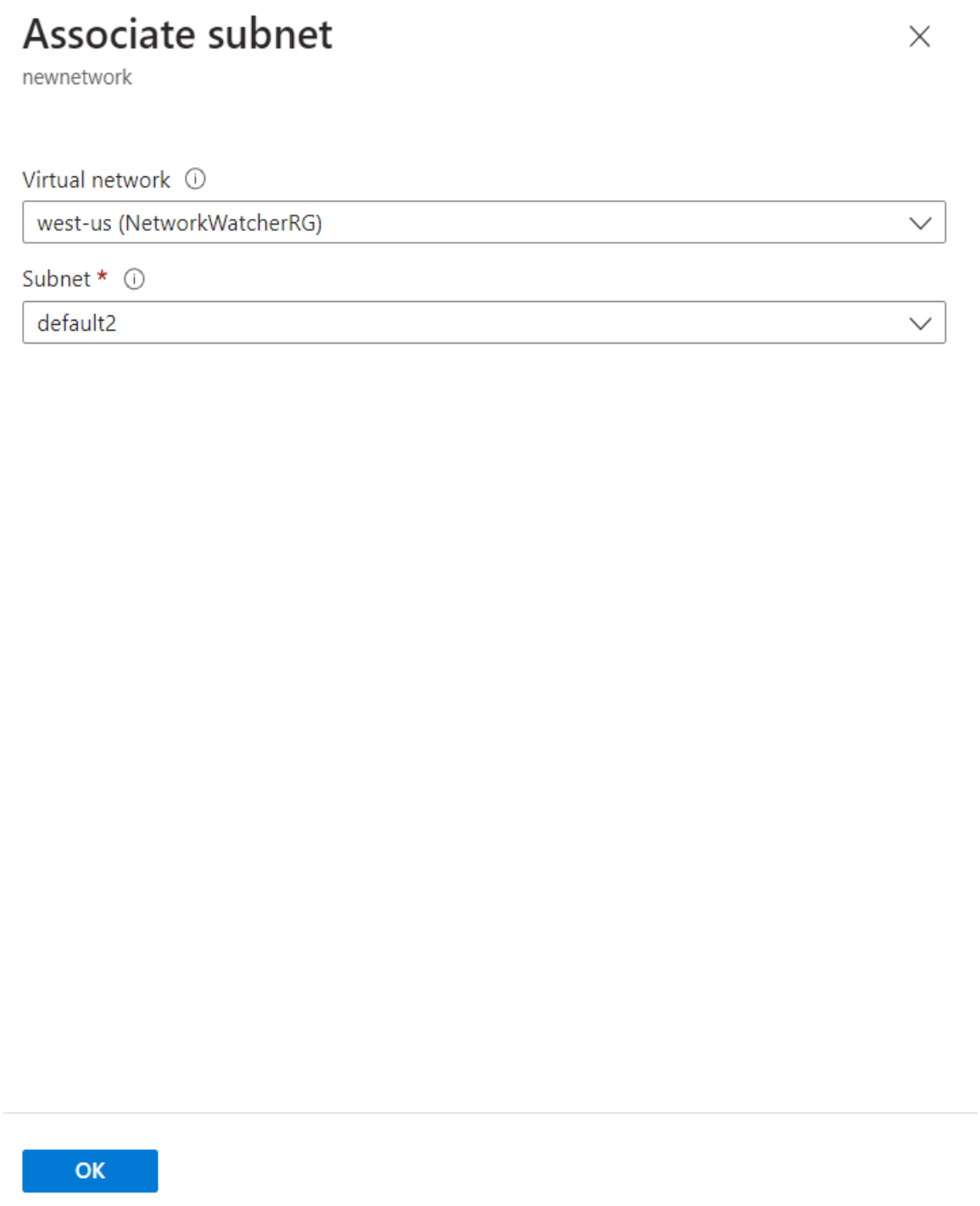


4. Open NSG Rules for Subnet and VM on Port 80

- **In Azure Portal**:
    1. After the NSG is created, go to the **NSG** and select **Inbound Security Rules**.
    2. Click "Add" to create a new inbound rule:
        - **Source**: Any
        - **Source port ranges**: *
        - **Destination**: Any
        - **Destination port ranges**: 80
        - **Protocol**: TCP
        - **Action**: Allow
        - **Priority**: Provide a number (e.g., 100)
        - **Name**: Open-Port-80

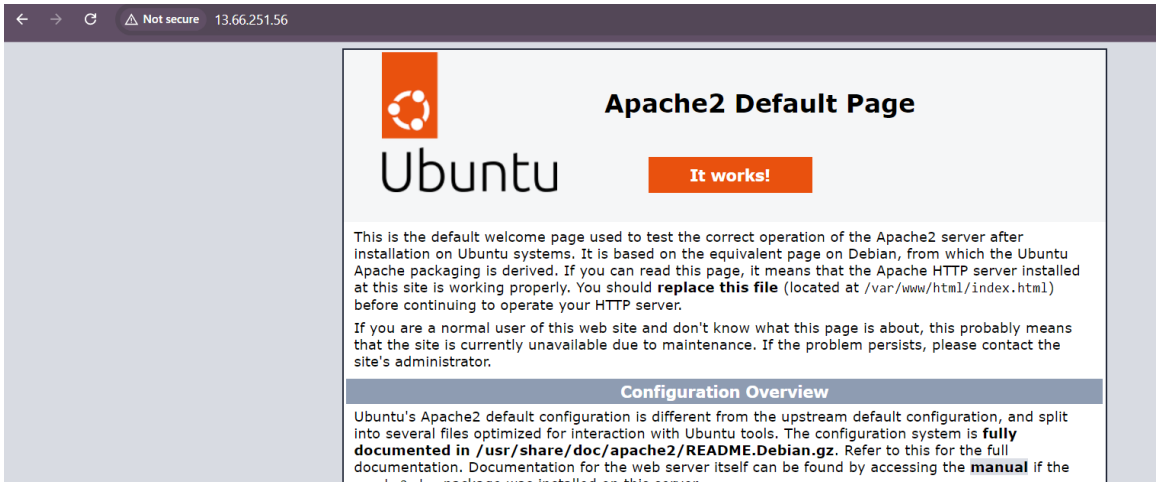


3. Click "Add" to apply the rule.
4. Associate the NSG with the subnet where the VM is deployed:
    - In the NSG, click on **Subnets** under "Settings."
    - Select the subnet of your VM's virtual network and click "Save."



5. Verify If You Can See the Apache2 Page

- **In Your Browser**:
    1. Open a browser and go to http://<VM-public-IP>.
    2. You should see the Apache2 default page.


Not secure
13.66.251.56
Apache2 Default Page
Ubuntu
It works!
This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should replace this file (located at /var/www/html/index.html) before continuing to operate your HTTP server.
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.
Configuration Overview
Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is fully documented in /usr/share/doc/apache2/README.Debian.gz. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the manual if the