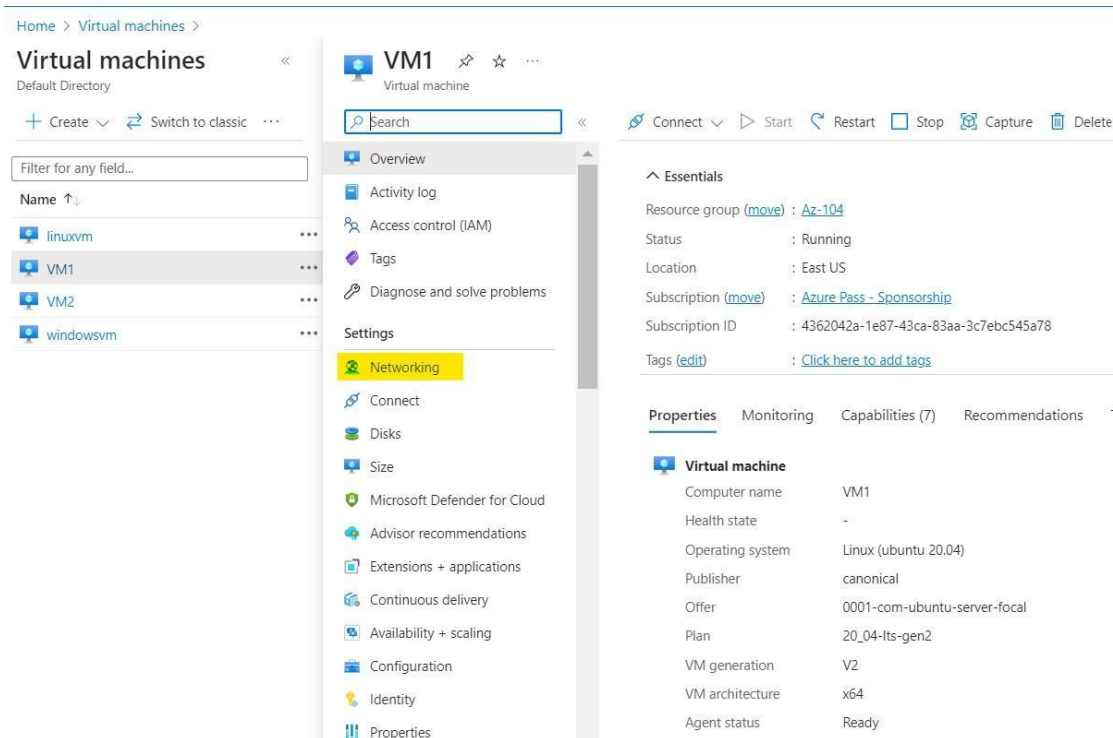




## **Module 6: Hands-On: Assigning a Static IP**

## Step 1: Open the VM in Azure Portal



Home > Virtual machines >

### Virtual machines

Default Directory

+ Create ▾ Switch to classic ...

Filter for any field...

Name ↑↓

- linuxvm
- VM1**
- VM2
- windowsvm

Overview

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

Settings

- Networking**
- Connect
- Disks
- Size
- Microsoft Defender for Cloud
- Advisor recommendations
- Extensions + applications
- Continuous delivery
- Availability + scaling
- Configuration
- Identity
- Properties

Connect ▾ Start Restart Stop Capture Delete

#### Essentials

Resource group (move) : [Az-104](#)

Status : Running

Location : East US

Subscription (move) : [Azure Pass - Sponsorship](#)

Subscription ID : 4362042a-1e87-43ca-83aa-3c7ebc545a78

Tags (edit) : [Click here to add tags](#)

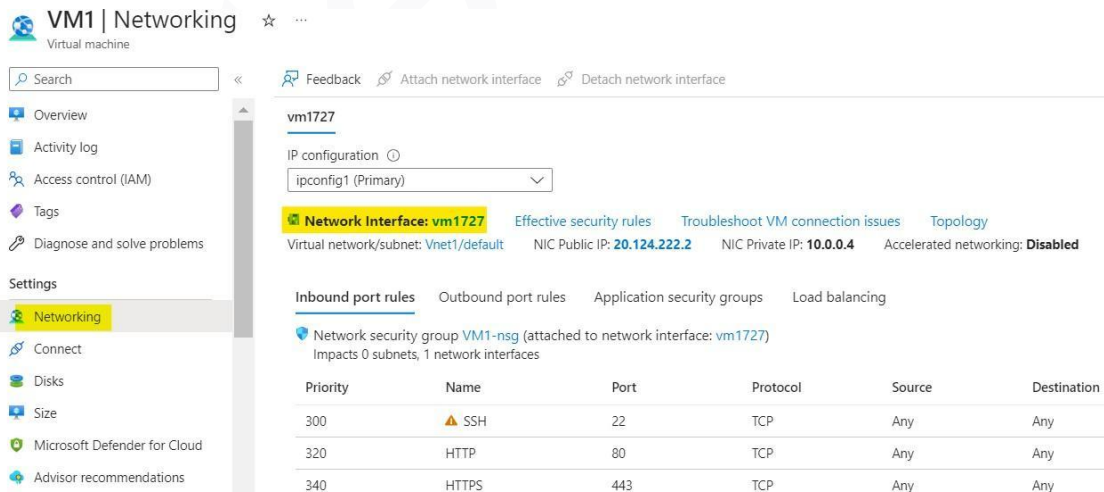
#### Properties

Monitoring Capabilities (7) Recommendations

#### Virtual machine

Computer name	VM1
Health state	-
Operating system	Linux (ubuntu 20.04)
Publisher	canonical
Offer	0001-com-ubuntu-server-focal
Plan	20_04-its-gen2
VM generation	V2
VM architecture	x64
Agent status	Ready

## Step 2: Click on Networking. Now click on Network Interface.



VM1 | Networking

Virtual machine

Search

Feedback Attach network interface Detach network interface

vm1727

IP configuration ⓘ

ipconfig1 (Primary) ▾

**Network Interface: vm1727** Effective security rules Troubleshoot VM connection issues Topology

Virtual network/subnet: Vnet1/default NIC Public IP: **20.124.222.2** NIC Private IP: **10.0.0.4** Accelerated networking: **Disabled**

Inbound port rules Outbound port rules Application security groups Load balancing

Network security group **VM1-nsg** (attached to network interface: vm1727)  
Impacts 0 subnets, 1 network interfaces

Priority	Name	Port	Protocol	Source	Destination
300	SSH	22	TCP	Any	Any
320	HTTP	80	TCP	Any	Any
340	HTTPS	443	TCP	Any	Any

### Step 3: Click on IP configurations

Home > Virtual machines > VM1 | Networking >

**vm1727** ☆ ...  
Network interface

Search

Move ▾ Delete Refresh Edit accelerated networking

Overview

Activity log

Access control (IAM)

Tags

Settings

**IP configurations**

DNS servers

Network security group

Properties

Locks

Essentials

Resource group (move) : Az-104

Location (move) : East US

Subscription (move) : Azure Pass - Sponsorship

Subscription ID : 4362042a-1e87-43ca-83aa-3c7ebc545a78

Accelerated networking : Disabled

Virtual network/subnet : Vnet1/default

Tags (edit) : Click here to add tags

### Step 4: Click on IP Configuration that was generated by default

**vm1727 | IP configurations** ☆ ...  
Network interface

Search

+ Add Save Discard Refresh

Overview

Activity log

Access control (IAM)

Tags

Settings

**IP configurations**

DNS servers

Network security group

Properties

Locks

IP forwarding settings

IP forwarding **Disabled** Enabled

Virtual network Vnet1

Gateway load balancer None

IP configurations

Subnet \* default

Search IP configurations

Name	IP Version	Type	Private IP address	Public IP address	
ipconfig1	IPv4	Primary	10.0.0.4 (Dynamic)	20.124.222.2 (VM1-ip)	...

**Step 5:** Enter the details and click on Save

[Home](#) > [Virtual machines](#) > [VM1 | Networking](#) > [vm1727 | IP configurations](#) >

## ipconfig1

vm1727

 Save  Discard

### Public IP address settings

Public IP address

[Disassociate](#) [Associate](#)

Public IP address \*

VM1-ip (20.124.222.2) 

[Create new](#)

### Private IP address settings

Virtual network/subnet

[Vnet1/default](#)

Assignment

[Dynamic](#) [Static](#)

IP address

10.0.0.4

### ✓ Saved network interface

Successfully saved IP address changes for network interface 'vm1727'.