

# Azure Virtual Network

## Attaching screenshots of steps I gone through while configuring azure VN,

The first screenshot shows the Azure portal's 'Virtual networks' page. The page title is 'Virtual networks' and the breadcrumb is 'Home > Virtual networks'. Below the title, there are filters for 'Subscription equals all', 'Resource group equals all', and 'Location equals all'. A message states 'Showing 0 to 0 of 0 records.' Below this, a table with columns 'Name', 'Resource group', 'Location', and 'Subscription' is shown, but it is empty. A message in the center says 'No virtual networks to display' and provides a link to 'Create virtual network'.

The second screenshot shows the 'Create virtual network' wizard. The breadcrumb is 'Home > Virtual networks > Create virtual network'. The 'IP addresses' tab is selected. The wizard prompts the user to 'Configure your virtual network address space with the IPv4 and IPv6 addresses and subnets you need.' Below this, there is a section for 'Add IPv4 address space' with a dropdown menu set to '10.0.0.0/16'. A table shows the address space details: '10.0.0.0 /16' with '65,536 addresses'. Below this, there is a section for 'Subnets' with a table showing the 'default' subnet with the IP address range '10.0.0.0 - 10.0.0.255' and a size of '/24 (256 addresses)'. The wizard has 'Previous', 'Next', and 'Review + create' buttons.

navinnet - Microsoft Azure

Cloud Computing - Project - navinnet

portal.azure.com/#@navinnavin64gmail.onmicrosoft.com/resource/subscriptions/12f3e0d4-0be7-48f7-b0f5-98aab7b5131a/resourcegroups/navintestshere/providers/Microsoft.Network/virtualnetworks/navinnet

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Microsoft Azure

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Virtual network

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Diagnose and solve problems

Settings

Address space

Connected devices

Subnets

Bastion

DDoS protection

Firewall

Microsoft Defender for Cloud

Network manager

DNS servers

Peerings

Essentials

Resource group (move) : navintestshere

Location (move) : East US

Subscription (move) : navintestshere

Subscription ID : 12f3e0d4-0be7-48f7-b0f5-98aab7b5131a

Address space : 10.0.0.0/16

DNS servers : Azure provided DNS service

Flow timeout : Configure

BGP community string : Configure

Virtual network ID : 796fb43e-e565-4ecd-830c-26ff2a5f2456

Tags (edit) : Add tags

JSON View

Topology

Properties

Capabilities (5)

Recommendations

Tutorials

DDoS protection

Configure additional protection from distributed denial of service attacks.

Not configured

Azure Firewall

Protect your network with a stateful L3-L7 firewall.

Not configured

Peerings

Seamlessly connect two or more virtual networks.

Not configured

Microsoft Defender for Cloud

Strengthen the security posture of your environment.

Private endpoints

37°C Sunny

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Microsoft Azure portal screenshot showing the process of adding a new subnet to a virtual network.

**Top Screenshot: Add subnet dialog**

The "Add subnet" dialog is open, showing the following configuration:

- Name: navinsubnet
- Subnet address range: 10.0.1.0/24 (10.0.1.0 - 10.0.1.255 (251 + 5 Azure reserved addresses))
- Add IPv6 address space: ☐
- NAT gateway: None
- Network security group: None
- Route table: None
- SERVICE ENDPOINTS: 0 selected

**Bottom Screenshot: Subnets list**

The "Subnets" page shows the following table:

Name	IPv4	IPv6	Available IPs	Delegated to	Security group	Route table
default	10.0.0/24	-	251	-	-	-
navinsubnet	10.0.1.0/24	-	251	-	-	-

Here I have created SubNet.