

# Create an Azure Load Balancer

Level: Intermediate

[Azure Virtual Machine](#)   [Azure Virtual Network](#)   [Azure](#)   [Azure Load Balancer](#)

 1h 51m 2s left



End Lab

Open Console

Validation

## Lab Credentials

User Name ⓘ

labuser\_142282\_77422212@instructorwhizlabs.onmicrosoft.com



Password ⓘ

6%Wf&N?39Ts12v



Resource Group ⓘ

rg\_westeurope\_142282\_1\_168975181033



## Lab Resources

No Lab Resources Found


## Support Documents

No Support Documents Found

Need help?

- How to use Hands on Lab
- Troubleshooting Lab
- FAQs

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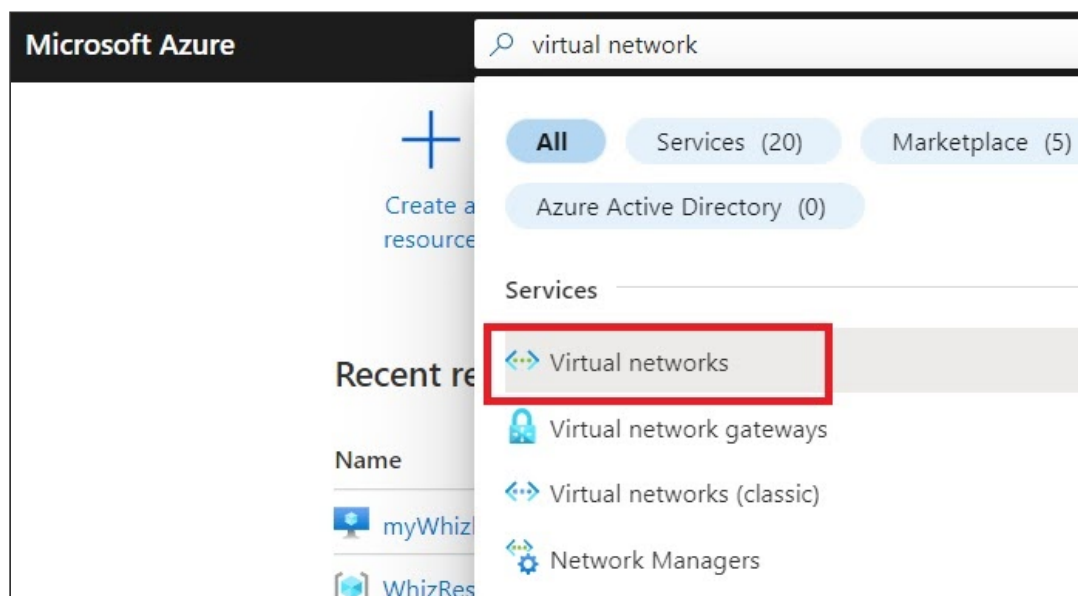
 Azure Solutions Architect, Azure Network Engineer Associate

 Compute, Networking

[+ Create a Virtual Network \(UI 1\)](#)[+ Create a Virtual Network \(UI 2\)](#)[- Create a Virtual Network \(UI 3\)](#)

## Task : Create a Virtual Network

1. At the top of the Azure portal, in the search box, enter **Virtual network**.  
Select **Virtual Networks** in the search results.



2. In **Virtual networks**, select **+ Create**.

## Virtual networks

Default Directory (instructorwhizlabs.onmicrosoft.com)

[+ Create](#) [Manage view](#) [Refresh](#) [Export to CSV](#) [Open query](#) [Assign tags](#)

Filter for any field... Subscription equals **all** Resource group equals **all** X Location equals **all** X

3. Enter the following values in the **Basics** tab.

1. Resource group : Select **rg\_eastus\_XXXXX**

Instance details:

1. Virtual Network Name: Enter **whizNet-LB**

1. Region: Select **(US) East US**

### Create virtual network

**Basics** Security IP addresses Tags Review + create

[Learn more](#)

#### Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \*

Resource group \*   
[Create new](#)

#### Instance details

Virtual network name \*

Region ⓘ \*   
[Deploy to an edge zone](#)

4. Select the **IP Addresses** tab or click on the **Next: IP Addresses** button at the bottom of the page. In the **IP Addresses** tab, delete the default IP Address space by clicking on **Delete Address space**.

## Create virtual network ...

Basics Security **IP addresses** Tags Review + create

Add IPv4 address space | ▾

10.0.0.0/16

10.0.0.0

/16 (65,536 addresses) ▾

10.0.0.0 - 10.0.255.255 (65536 addresses)

+ Add a subnet

Subnets	IP address range	Size	NAT gateway
default	10.0.0.0 - 10.0.0.255	/24 (256 addresses)	-

A NAT gateway is recommended for outbound internet access from subnets. Edit the subnet to add a NAT gateway. [Learn more](#)

5. Now, click on **Add IPv4 address space** and enter this information:

Starting address : Enter **10.1.0.0**

Address space size : Select **/16**

## Create virtual network ...

Basics Security IP addresses Tags Review + create

Configure your virtual network address space with the IPv4 and IPv6 addresses and subnets you need. [Learn more](#)

Define the address space of your virtual network with one or more IPv4 or IPv6 address ranges. Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet. [Learn more](#)

Add IPv4 address space | ▾

10.1.0.0/16

 Delete address space

10.1.0.0

/16 (65,536 addresses) ▾

10.1.0.0 - 10.1.255.255 (65536 addresses)

+ Add a subnet

Subnets

IP address range

Size

NAT gateway

Click on **Add a subnet**.

Add IPv4 address space | ▾

10.1.0.0/16

 Delete address space

10.1.0.0

/16 (65,536 addresses) ▾

10.1.0.0 - 10.1.255.255 (65536 addresses)

+ Add a subnet

Subnets

IP address range

Size

NAT gateway

In **Add a subnet** section, enter the following information :

IP address space : Select **10.1.0.0/16**

Subnet template : Select **default**

Name : Enter **myBackendSubnet**

Subnet Address range: Enter **10.1.0.0/24**

NAT gateway: Leave the defaults

Service gateway: Leave the defaults

Click on **Save**.

### Add a subnet

IP address space ⓘ

10.1.0.0/16

10.1.0.0 - 10.1.255.255 (65536 addresses)

#### Subnet details

Subnet template ⓘ

Default

Name \* ⓘ

myBackendSubnet

Starting address \* ⓘ

10.1.0.0

Subnet size ⓘ

/24 (256 addresses)

IP address space ⓘ

10.1.0.0 - 10.1.0.255 (256 addresses)

#### Security

Simplify internet access for virtual machines by using a network address translation gateway. Filter subnet traffic using a network security group. [Learn more](#)

NAT gateway ⓘ

None

Create new

Network security group ⓘ

None

Create new

Route table

None

Add

Cancel

6. Leave all the settings as default and select the **Review + Create** button and then click on **Create**. This step may take a few minutes.

< Previous

Next : Node pools >

Review + create

7. You will now see a page displaying **Your deployment is complete**.



## Your deployment is complete



Deployment name: Microsoft.VirtualNetwork-20230130130652

Subscription: [Pay-As-You-Go](#)

Resource group: [rg\\_eastus\\_XXXXX](#)

∨ Deployment details

∧ Next steps

[Go to resource](#)



### Still your query is not resolved?

If you are facing any trouble in the lab, we would be happy to help. Submit your query.

[Contact Us](#)

