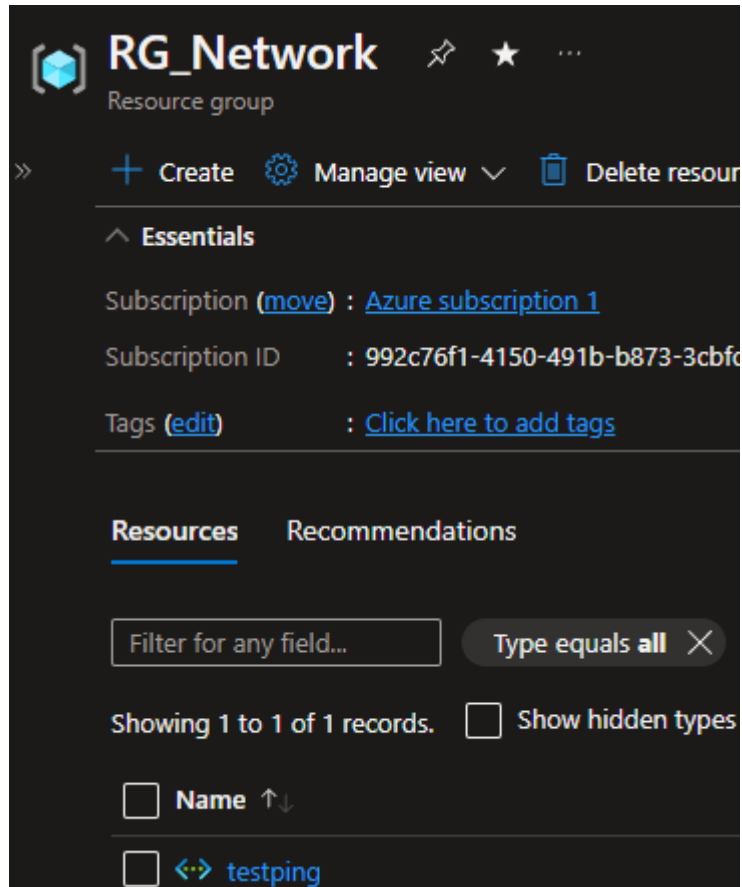


## Práctica 5.

Primero creamos una network para comunicar las dos máquinas virtuales que crearemos a continuación.



Creación de dos grupos de recursos con una máquina virtual en cada uno, pero usando la misma virtual network.

Create a virtual machine

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution.  
[Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network \*

testping

Create new

Subnet \*

default (10.0.0.0/24)

Manage subnet configuration

Public IP

(new) winvm1-ip

Create new

Create a virtual machine

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution.  
[Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network \*

testping

Create new

Subnet \*


default (10.0.0.0/24)

Manage subnet configuration

Public IP

(new) winvm2-ip



Create new





# VM1


Resource group

[+ Create](#)

 [Manage view](#) 

 [Delete resource group](#)

 [Refresh](#)


 **Essentials**


Subscription [\(move\)](#) : [Azure subscription 1](#)  
Subscription ID : 992c76f1-4150-491b-b873-3cbfd3787f0d  
Tags [\(edit\)](#) : [Click here to add tags](#)


**Resources**


Recommendations


Filter for any field...


Type equals **all** 


Location equals **all** 


Showing 1 to 6 of 6 records. ☐ Show hidden types 


☐ **Name** 


☐  winvm1

☐  winvm1-ip

☐  winvm1-nsg

☐  winvm1-vnet

☐  winvm146\_z1

☐  winvm1\_OsDisk\_1\_c76c6b7b018645a09cba0505cd463856



# VM2

Resource group



+ Create



Manage view



Delete resource group



Refresh

## Essentials

Subscription (move) : [Azure subscription 1](#)

Subscription ID : 992c76f1-4150-491b-b873-3cbfd3787f0d

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

## Resources

## Recommendations

Filter for any field...

Type equals all

Location equals all

Showing 1 to 6 of 6 records.



Show hidden types



Name



winvm2



winvm2-ip



winvm2-nsg



winvm2-vnet



winvm2869\_z1

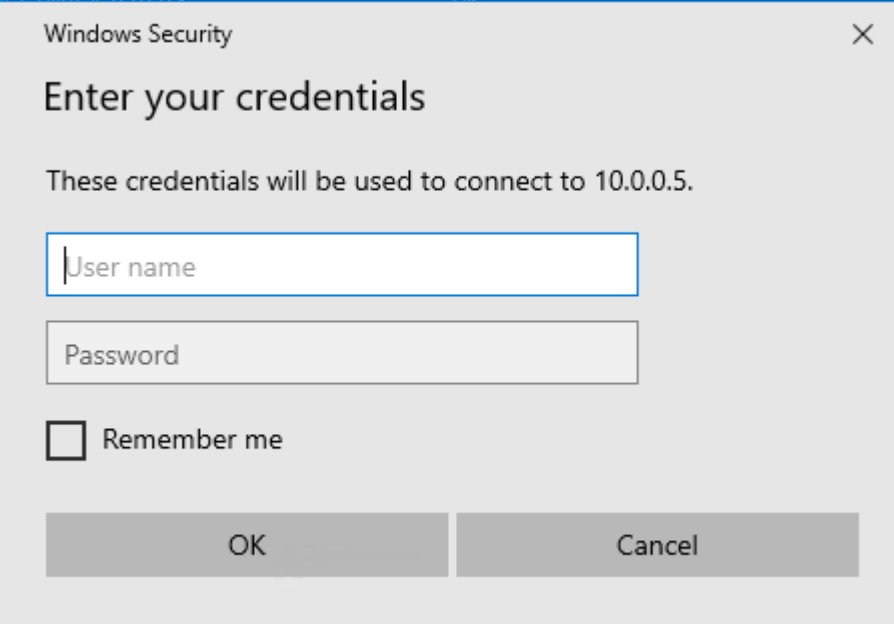


winvm2\_OsDisk\_1\_54ad7cd9dae14897a9be255d5747d421

Desde la VM1 vamos a hacer ping a VM2.

```
PS C:\Users\adminazure> New-NetFirewallRule -DisplayName "Allow ICMPv4-In" -Protocol ICMPv4

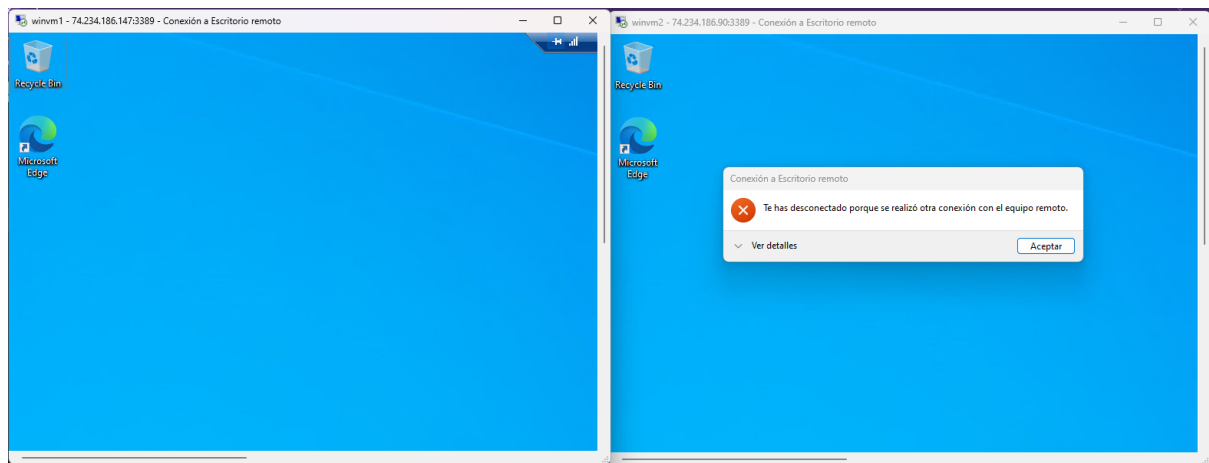
Name                           : {31eaa2a4-61d0-4167-9dc2-6d54d24e54a0}
DisplayName                     : Allow ICMPv4-In
Description                     :
DisplayGroup                    :
Group                           :
Enabled                         : True
Profile                         : Any
Platform                       : {}
Direction                      : Inbound
Action                         : Allow
EdgeTraversalPolicy             : Block
LooseSourceMapping              : False
LocalOnlyMapping               : False
Owner                           :
PrimaryStatus                   : OK
Status                         : The rule was parsed successfully from the store. (65536)
EnforcementStatus              : NotApplicable
PolicyStoreSource               : PersistentStore
PolicyStoreSourceType          : Local
RemoteDynamicKeywordAddresses  :
PolicyAppId                     :
```



A Windows Security dialog box titled "Enter your credentials". It contains the text "These credentials will be used to connect to 10.0.0.5." followed by two input fields: "User name" and "Password". Below the fields is a checkbox labeled "Remember me". At the bottom are "OK" and "Cancel" buttons.

```
PS C:\Users\adminazure> mstsc /v 10.0.0.5
```

Después de ingresar el usuario de la segunda máquina virtual.



En la segunda máquina estábamos conectados nos ha sacado por conectarnos a esa máquina.

```
C:\Windows\system32>ping 10.0.0.5

Pinging 10.0.0.5 with 32 bytes of data:
Reply from 10.0.0.5: bytes=32 time<1ms TTL=128
Reply from 10.0.0.5: bytes=32 time<1ms TTL=128
Reply from 10.0.0.5: bytes=32 time<1ms TTL=128
Reply from 10.0.0.5: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Windows\system32>ping 10.0.0.4

Pinging 10.0.0.4 with 32 bytes of data:
Reply from 10.0.0.4: bytes=32 time=1ms TTL=128
Reply from 10.0.0.4: bytes=32 time=1ms TTL=128
Reply from 10.0.0.4: bytes=32 time=1ms TTL=128
Reply from 10.0.0.4: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

Y ahí está la conexión entre ambas máquinas.