

## Práctica 2.

Creación del Storage account y del nuevo grupo de recursos.

### Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

#### Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription \*

Azure subscription 1

Resource group \*

(New) RG\_Storage

Create new

#### Instance details

If you need to create a legacy storage account type, please click [here](#).

Storage account name ⓘ \*

storagewinvm

Region ⓘ \*

(Europe) West Europe

Deploy to an edge zone

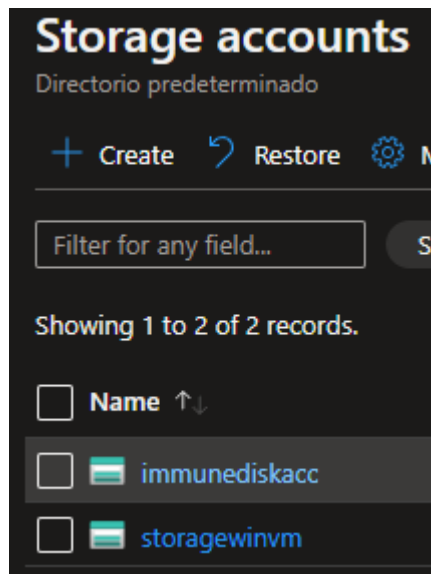
Performance ⓘ \*

☒ Standard: Recommended for most scenarios (general-purpose v2 account)

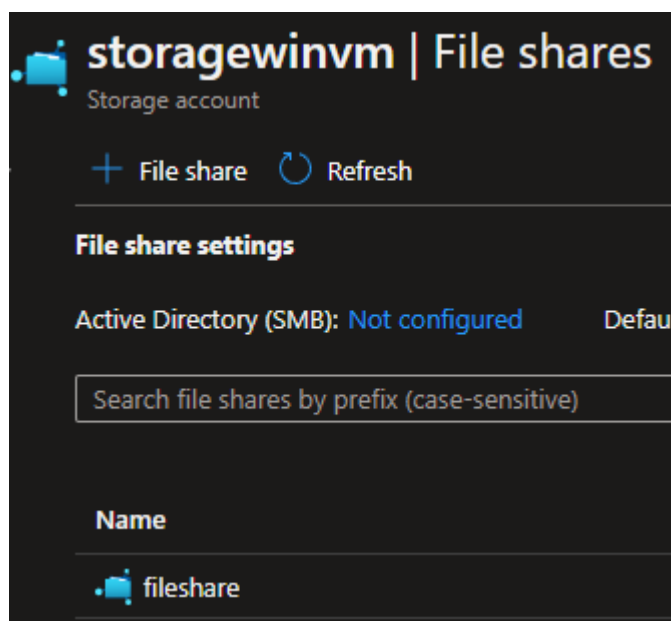
☐ Premium: Recommended for scenarios that require low latency.

Redundancy ⓘ \*

Locally-redundant storage (LRS)



Creación del file share.



Entramos en el fileshare y en conexión coges el script para usarlo en la consola shell de windows.

## Connect

fileshare

**!** 'Secure transfer required' is enabled on the storage account. SMB clients connecting to this share must support SMB protocol version 3 or higher in order to handle the encryption requirement. [Click here to learn more.](#)

**Windows**   Linux   macOS

To connect to this Azure file share from Windows, choose from the following authentication methods and run the PowerShell commands from a normal (not elevated) PowerShell terminal:

Drive letter

U

Authentication method

☐ Active Directory

☒ Storage account key

**i** Connecting to a share using the storage account key is only appropriate for admin access. Mounting the Azure file share with the Active Directory identity of the user is preferred. [Learn more](#)

**Hide Script**

```
$connectTestResult = Test-NetConnection -ComputerName
storagewinvm.file.core.windows.net -Port 445
if ($connectTestResult.TcpTestSucceeded) {
    # Save the password so the drive will persist on reboot
    cmd.exe /C "cmdkey /add:"storagewinvm.file.core.windows.net"
/user:"localhost\storagewinvm"
/pass:"ftkft7zcGF0vn/xx2DVLxRfv8ndJhAsznJg8m2xWSrChF7f09X56OFKSg8A4ayjzf
W9Yp9YKRUBBy+ASTbhEyog="`""
    # Mount the drive
    New-PSDrive -Name U -PSProvider FileSystem -Root
"\\storagewinvm.file.core.windows.net\fileshare" -Persist
} else {
    Write-Error -Message "Unable to reach the Azure storage account via port 445.
Check to make sure your organization or ISP is not blocking port 445, or use Azure
P2S VPN, Azure S2S VPN, or Express Route to tunnel SMB traffic over a different
port."
}
```

```
Windows PowerShell
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

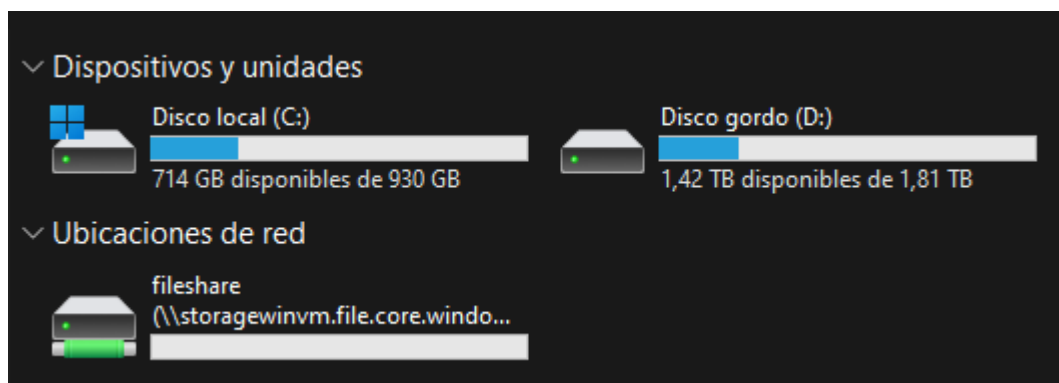
PS C:\Users\Adri> $connectTestResult = Test-NetConnection -ComputerName storagewinvm.file.core.windows.net -Port 445
PS C:\Users\Adri> if ($connectTestResult.TcpTestSucceeded) {
>> # Save the password so the drive will persist on reboot
>> cmd.exe /C "cmdkey /add:"storagewinvm.file.core.windows.net" /user:"localhost\storagewinvm" /pass:"ftkft7zcGF0vn/xx2DVLxRfv8ndJhAsznJg8m2xWSrChF7f09X560FKSg8A4ayjzfw9Yp9YKRUBBy+ASTbhEyog=="
>> # Mount the drive
>> New-PSDrive -Name U -PSProvider FileSystem -Root "\\storagewinvm.file.core.windows.net\fileshare" -Persist
>> } else {
>> Write-Error -Message "Unable to reach the Azure storage account via port 445. Check to make sure your organization or ISP is not blocking port 445, or use Azure P2S VPN, Azure S2S VPN, or Express Route to tunnel SMB traffic over a different port."
>> }

CMDKEY: credencial agregada correctamente.

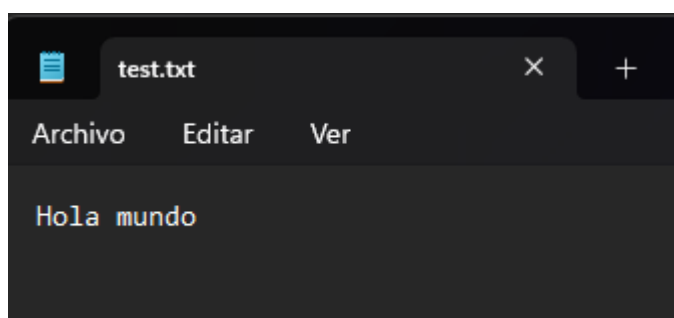
Name          Used (GB)    Free (GB) Provider      Root
-----
U              0,00        5120,00 FileSystem    \\storagewinvm.file.core.windows...

PS C:\Users\Adri> |
```

Una vez establecida la conexión aparecerá en el explorador de archivos:



Dentro creamos una carpeta y un txt.



Este equipo > fileshare (\\storagewinvm.file.core.windows.net) (U:) > Prueba

Nombre	Fecha de modificación	Tipo	Tamaño
test.txt	03/06/2023 16:10	Documento de te...	1 KB

Y ahora esta carpeta aparecerá en azure:

### fileshare | Browse

SMB File share

Connect Upload Add directory

Authentication method: Access key (Switch)

Search files by prefix

Name

Prueba

### fileshare | Browse

SMB File share

Upload Add directory

Authentication method: Access key

Search files by prefix

Name

[..]

test.txt