

# File sharing in Azure

## First create a storage account on the azure dashboard

The screenshot shows the 'Create a storage account' page in the Microsoft Azure portal. The page is divided into two main sections: 'Project details' and 'Instance details'. In the 'Project details' section, the 'Subscription' is set to 'Pay-As-You-Go' and the 'Resource group' is '(New) File\_share'. In the 'Instance details' section, the 'Storage account name' is 'storageb26', the 'Region' is '(Europe) France Central', and the 'Primary service' is 'Select a primary service'. The page also includes a search bar at the top and a navigation menu on the left.

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Home > Storage accounts >

### Create a storage account

**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 \* Pay-As-You-Go

Resource group \* (New) File\_share

[Create new](#)

**Instance details**

Storage account name \* storageb26

Region \* (Europe) France Central

[Deploy to an Azure Extended Zone](#)

Primary service Select a primary service

## Click on file share option and name the file and then click on review and create

The screenshot shows the 'storageb26 | File shares' page in the Microsoft Azure portal. The page displays the 'File share settings' for the storage account 'storageb26'. The settings include 'Identity-based access: Not configured', 'Default share-level permissions: Disabled', 'Soft delete: 7 days', and 'Maximum capacity: 100 TiB'. The 'Security' is set to 'Maximum compatibility'. There is a search bar for file shares and a toggle for 'Show deleted shares'. The page also includes a navigation menu on the left and a table for file shares.

Home > storageb26\_1727794713785 | Overview > storageb26

### storageb26 | File shares

Storage account

Search

+ File share Refresh Give feedback

New file share

**File share settings**

Identity-based access: Not configured Default share-level permissions: Disabled Soft delete: 7 days Maximum capacity: 100 TiB

Security: Maximum compatibility

Search file shares by prefix (case-sensitive) Show deleted shares

Name	Modified	Access tier	Quota
You don't have any file shares yet. Click '+ File share' to get started.			

## New file share ...

Basics Backup Review + create

Name *	<input type="text" value="fileshare1"/>
Access tier *	<div>Transaction optimized</div>

### Performance

Maximum IO/s ①	20000
Maximum capacity	100 TiB

Review + create

< Previous

Next : Backup >

Home >

fileshare1

SMB File share

Search

Connect Upload Refresh Add directory Delete share Change tier Edit quota Give feedback

Overview

Diagnose and solve problems

Access Control (IAM)

Browse

Operations

Enable Backup for file share "fileshare1" to protect your data. [Learn more](#)

Essentials

Storage account

[storageb26](#)

Resource group [\(move\)](#)

[File share](#)

Location

France Central

Primary/Secondary location

Primary: France Central, Secondary: France South

Subscription [\(move\)](#)

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

Share URL

<https://storageb26.file.core.windows.net/fileshare1>

Redundancy

Geo-redundant storage (GRS)

Configuration modified

1/10/2024, 8:31:04 pm

[JSON View](#)

Once the file share is created >> click on connect >> select linux

# Connect

fileshare1

⚠ '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

Mount point

fileshare1

To connect to this file share from a Linux computer, run this command:

Hide Script

```
sudo mkdir /mnt/fileshare1
if [ ! -d "/etc/smbcredentials" ]; then
sudo mkdir /etc/smbcredentials
```

First connect the virtual machine to terminal and then mount

```
root@VM1:~# systemctl daemon-reload
root@VM1:~# ls
root@VM1:~# df -h
Filesystem                Size      Used Avail Use% Mounted on
/dev/root                  29G       1.5G   27G   6% /
tmpfs                      3.9G         0   3.9G   0% /dev/shm
tmpfs                      1.6G    1020K   1.6G   1% /run
tmpfs                      5.0M         0   5.0M   0% /run/lock
efivarfs                  128K       35K    89K  29% /sys/firmware/efi/efivars
/dev/sdc                   7.8G       24K    7.4G   1% /data
/dev/sda16                 881M       59M    761M   8% /boot
/dev/sda15                 105M       6.1M    99M   6% /boot/efi
/dev/sdb1                  16G       32K    15G   1% /mnt
tmpfs                      789M       12K    789M   1% /run/user/1000
//storageb26.file.core.windows.net/fileshare1 100T         0   100T   0% /mnt/fileshare1
```



