

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'.

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 *

Resource group *
[Create new](#)

Instance details

Storage account name *

Region *
[Deploy to an Azure Extended Zone](#)

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 is divided into two main sections: 'File share settings' and 'File shares'.

File share settings

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

Security: [Maximum compatibility](#)

☐ Show deleted shares

File 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 ⓘ	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

(For mounting commands refer to mount file)

```
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
```


