



python



PowerShell

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### **PowerShell Get-Help on command 'Get-FileShare'**

**PS C:\Users\wahid> Get-Help Get-FileShare**

#### NAME

Get-FileShare

#### SYNOPSIS

Retrieves file share objects and their properties.

#### SYNTAX

```
Get-FileShare [-AsJob] [-CimSession <CimSession[]>] [-FileServer  
<CimInstance>] [-Name <String[]>] [-Protocol {NFS | SMB}] [-ThrottleLimit  
<Int32>] [<CommonParameters>]
```

```
Get-FileShare [-AsJob] [-CimSession <CimSession[]>] [-Name <String[]>]  
[-Protocol {NFS | SMB}] [-ThrottleLimit <Int32>] [-Volume <CimInstance>]  
[<CommonParameters>]
```

```
Get-FileShare [-AsJob] [-CimSession <CimSession[]>] [-Name <String[]>]  
[-Protocol {NFS | SMB}] [-Subsystem <CimInstance>] [-ThrottleLimit <Int32>]  
[<CommonParameters>]
```

```
Get-FileShare [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>]
```

[-UniqueId <String[]>] [<CommonParameters>]

## DESCRIPTION

The Get-FileShare cmdlet gets objects that correspond to the file shares on the specified server. You must have local administrator credentials on a server to retrieve the objects.

## PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

-CimSession <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a New-CimSession (<https://go.microsoft.com/fwlink/p/?LinkId=227967>) or [Get-CimSession](<https://go.microsoft.com/fwlink/p/?LinkId=227966>)cmdlet.

The default is the current session on the local computer.

-FileServer <CimInstance>

Specifies the file server on which the file share is hosted. To obtain a FileServer , use the Get-StorageFileServer cmdlet.

-Name <String[]>

Specifies the name of the file share to get.

-Protocol <FileSharingProtocol[]>

Specifies the file sharing protocol of the file shares that this cmdlet gets. The acceptable values for this parameter are: SMB and NFS.

-Subsystem <CimInstance>

Specifies the storage subsystem from which to get file shares. To obtain a StorageSubsystem object, use the Get-StorageSubSystem cmdlet.

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit applies only to the current cmdlet, not to the session or to the computer.

-UniqueId <String[]>

Specifies a unique ID.

-Volume <CimInstance>

Specifies the volume object that contains the file share to get. To obtain a volume, use the Get-Volume cmdlet.

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about\_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

----- Example 1: Get all file shares on the local server -----

```
PS C:\>Get-FileShare
```

This command lists all the file shares on the local server. You must have local administrator permissions on the server to run this command.

Example 2: Get all NFS file shares on the specified file server

```
PS C:\>Get-FileShare -Protocol NFS -FileServer (Get-StorageFileServer
```

-FriendlyName "FileServer01")

This command lists all NFS file shares on the file server named FileServer01.

You must have local administrator credentials on the server to run this command. The command gets the file server by using the Get-StorageFileServer cmdlet.

#### REMARKS

To see the examples, type: "get-help Get-FileShare -examples".

For more information, type: "get-help Get-FileShare -detailed".

For technical information, type: "get-help Get-FileShare -full".

For online help, type: "get-help Get-FileShare -online"