



python



PowerShell

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### ***PowerShell Get-Help on command 'Set-FileStorageTier'***

***PS C:\Users\wahid> Get-Help Set-FileStorageTier***

#### NAME

Set-FileStorageTier

#### SYNOPSIS

Assigns a file to a storage tier.

#### SYNTAX

```
Set-FileStorageTier [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
-DesiredStorageTier <CimInstance> -FilePath <String> [-ThrottleLimit <Int32>]
[-WhatIf] [<CommonParameters>]
```

```
Set-FileStorageTier [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
-DesiredStorageTierFriendlyName <String> -FilePath <String> [-ThrottleLimit
<Int32>] [-WhatIf] [<CommonParameters>]
```

```
Set-FileStorageTier [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
-DesiredStorageTierUniqueId <String> -FilePath <String> [-ThrottleLimit
<Int32>] [-WhatIf] [<CommonParameters>]
```

## DESCRIPTION

The Set-FileStorageTier cmdlet assigns a file to a specified storage tier. Assigning a file to a tier is also called pinning the file to a tier. To pin a file to a storage tier, the file must be on a volume that is hosted by the same tiered storage space. If you pin a file that is already assigned to a different tier, the file changes assignment the next time tier optimization takes place.

## 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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-DesiredStorageTier <CimInstance>

Specifies the storage tier, as a CimInstance object, to pin a file to. To obtain a storage tier object, use the Get-StorageTier cmdlet.

-DesiredStorageTierFriendlyName <String>

Specifies the friendly name of a storage tier to pin a file to.

-DesiredStorageTierUniqueld <String>

Specifies the unique ID, as a string, of a storage tier to pin a file to.

**-FilePath <String>**

Specifies the full path of a file. The cmdlet pins the file that you specify to a storage tier.

**-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.

**-WhatIf [<SwitchParameter>]**

Shows what would happen if the cmdlet runs. The cmdlet is not run.

**<CommonParameters>**

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

----- Example 1: Pin a file to a storage tier -----

```
PS C:\> $StorageTier = Get-StorageTier -FriendlyName "Tier07"  
PS C:\> Set-FileStorageTier -DesiredStorageTier $StorageTier -FilePath  
"D:\DataFile06.txt"
```

The first command uses the Get-StorageTier cmdlet to get a storage tier named Tier07, and then stores the tier in the \$StorageTier variable.

The second command pins the specified file to a storage tier. The command specifies the storage tier by using the object stored in the \$StorageTier

variable.

---- Example 2: Pin a file to a storage tier by using an ID ----

```
PS C:\> $StorageTier = Get-StorageTier -FriendlyName "Tier07"
```

```
PS C:\> Set-FileStorageTier -DesiredStorageTierUniqueId $StorageTier.UniqueId  
-FilePath "D:\DataFile06.txt"
```

The first command uses the `Get-StorageTier` cmdlet to get a storage tier named `Tier07`, and then stores the tier in the `$StorageTier` variable.

The second command pins the specified file to a storage tier. The command specifies the ID of the storage tier by using the `UniqueId` property of the storage tier object stored in the `$StorageTier` variable.

#### REMARKS

To see the examples, type: `"get-help Set-FileStorageTier -examples"`.

For more information, type: `"get-help Set-FileStorageTier -detailed"`.

For technical information, type: `"get-help Set-FileStorageTier -full"`.

For online help, type: `"get-help Set-FileStorageTier -online"`