



python



PowerShell

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

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

#### NAME

Set-Volume

#### SYNOPSIS

Sets or changes the file system label of an existing volume.

#### SYNTAX

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] [-DedupMode {Disabled |  
GeneralPurpose | HyperV | Backup | NotAvailable}] -InputObject <CimInstance[]>  
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] [-DedupMode {Disabled |  
GeneralPurpose | HyperV | Backup | NotAvailable}] [-ThrottleLimit <Int32>]  
-UniqueId <String> [<CommonParameters>]
```

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] [-DedupMode {Disabled |  
GeneralPurpose | HyperV | Backup | NotAvailable}] -Path <String>  
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] [-DedupMode {Disabled |
```

```
GeneralPurpose | HyperV | Backup | NotAvailable}] -FileSystemLabel <String>
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] [-DedupMode {Disabled |
GeneralPurpose | HyperV | Backup | NotAvailable}] -DriveLetter <Char>
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] -DriveLetter <Char>
[-NewFileSystemLabel <String>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] -FileSystemLabel <String>
[-NewFileSystemLabel <String>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] -InputObject <CimInstance[]>
[-NewFileSystemLabel <String>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] [-NewFileSystemLabel
<String>] -Path <String> [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Set-Volume [-AsJob] [-CimSession <CimSession[]>] [-NewFileSystemLabel
<String>] [-ThrottleLimit <Int32>] -UniqueId <String> [<CommonParameters>]
```

## DESCRIPTION

The Set-Volume cmdlet sets or changes the file system label of an existing volume.

## 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.

-DedupMode <DedupMode>

Specifies the Data Deduplication mode to use for the volume, if Data Deduplication is enabled on this volume. The acceptable values for this parameter are:

- Backup

- Disabled

- GeneralPurpose

- Hyper-V

- NotAvailable

-DriveLetter <Char>

Specifies a letter used to identify a drive or volume in the system.

-FileSystemLabel <String>

Specifies the file system label of the object. The acceptable values for this parameter include: NTFS and ReFS.

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-NewFileSystemLabel <String>

Specifies a new file system label to use.

`-Path <String>`

Contains valid path information.

`-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.

`<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: Set the file system label -----

```
PS C:\>Set-Volume -FileSystemLabel "Test" -NewFileSystemLabel "TestData"
```

This example changes the file system label from test to TestData.

----- Example 2: Format the volume -----

```
PS C:\>Format-Volume -InputObject $PartitionObject -FileSystem NTFS  
-NewFileSystemLabel "TestData" -ClusterSize (8K) -ShortFileNameSupport $False
```

This example uses the specified Partition object as an input to format the

volume on this partition with the NTFS file system, using the file system label testdata with a cluster size of 8K, and with short filename support disabled.

#### REMARKS

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

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

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

For online help, type: "get-help Set-Volume -online"