



python



PowerShell

FPDF Library  
PDF generator

*Full credit is given to the above companies including the OS that this PDF file was generated!*

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

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

#### NAME

Set-VirtualDisk

#### SYNOPSIS

Modifies the attributes of an existing virtual disk.

#### SYNTAX

```
Set-VirtualDisk [-InputObject] <CimInstance[]> [-Access {Unknown | Readable |  
Writeable | ReadWrite | WriteOnce}] [-AsJob] [-CimSession <CimSession[]>]  
[-IsManualAttach <Boolean>] [-StorageNodeName <String>] [-ThrottleLimit  
<Int32>] [<CommonParameters>]
```

```
Set-VirtualDisk [-Access {Unknown | Readable | Writeable | ReadWrite |  
WriteOnce}] [-AsJob] [-CimSession <CimSession[]>] [-IsManualAttach <Boolean>]  
[-StorageNodeName <String>] [-ThrottleLimit <Int32>] -UniqueId <String>  
[<CommonParameters>]
```

```
Set-VirtualDisk [-FriendlyName] <String> [-Access {Unknown | Readable |  
Writeable | ReadWrite | WriteOnce}] [-AsJob] [-CimSession <CimSession[]>]  
[-IsManualAttach <Boolean>] [-StorageNodeName <String>] [-ThrottleLimit
```

<Int32>] [<CommonParameters>]

Set-VirtualDisk [-Access {Unknown | Readable | Writeable | ReadWrite | WriteOnce}] [-AsJob] [-CimSession <CimSession[]>] [-IsManualAttach <Boolean>] -Name <String> [-StorageNodeName <String>] [-ThrottleLimit <Int32>] [<CommonParameters>]

Set-VirtualDisk [-FriendlyName] <String> [-AsJob] [-CimSession <CimSession[]>] [-NewFriendlyName <String>] [-OtherUsageDescription <String>] [-ThrottleLimit <Int32>] [-Usage {Other | Unrestricted | ReservedForComputerSystem | ReservedForReplicationServices | ReservedForMigrationServices | LocalReplicaSource | RemoteReplicaSource | LocalReplicaTarget | RemoteReplicaTarget | LocalReplicaSourceOrTarget | RemoteReplicaSourceOrTarget | DeltaReplicaTarget | ElementComponent | ReservedAsPoolContributer | CompositeVolumeMember | CompositeVirtualDiskMember | ReservedForSparing}] [<CommonParameters>]

Set-VirtualDisk [-InputObject] <CimInstance[]> [-AsJob] [-CimSession <CimSession[]>] [-NewFriendlyName <String>] [-OtherUsageDescription <String>] [-ThrottleLimit <Int32>] [-Usage {Other | Unrestricted | ReservedForComputerSystem | ReservedForReplicationServices | ReservedForMigrationServices | LocalReplicaSource | RemoteReplicaSource | LocalReplicaTarget | RemoteReplicaTarget | LocalReplicaSourceOrTarget | RemoteReplicaSourceOrTarget | DeltaReplicaTarget | ElementComponent | ReservedAsPoolContributer | CompositeVolumeMember | CompositeVirtualDiskMember | ReservedForSparing}] [<CommonParameters>]

Set-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] -Name <String> [-NewFriendlyName <String>] [-OtherUsageDescription <String>] [-ThrottleLimit <Int32>] [-Usage {Other | Unrestricted | ReservedForComputerSystem | ReservedForReplicationServices | ReservedForMigrationServices | LocalReplicaSource | RemoteReplicaSource | LocalReplicaTarget | RemoteReplicaTarget | LocalReplicaSourceOrTarget | RemoteReplicaSourceOrTarget

| DeltaReplicaTarget | ElementComponent | ReservedAsPoolContributer |  
CompositeVolumeMember | CompositeVirtualDiskMember | ReservedForSparing}}  
[<CommonParameters>]

Set-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-NewFriendlyName  
<String>] [-OtherUsageDescription <String>] [-ThrottleLimit <Int32>] -Uniqueld  
<String> [-Usage {Other | Unrestricted | ReservedForComputerSystem |  
ReservedForReplicationServices | ReservedForMigrationServices |  
LocalReplicaSource | RemoteReplicaSource | LocalReplicaTarget |  
RemoteReplicaTarget | LocalReplicaSourceOrTarget | RemoteReplicaSourceOrTarget  
| DeltaReplicaTarget | ElementComponent | ReservedAsPoolContributer |  
CompositeVolumeMember | CompositeVirtualDiskMember | ReservedForSparing}}]  
[<CommonParameters>]

## DESCRIPTION

The Set-VirtualDisk cmdlet modifies the attributes of an existing virtual disk.

## PARAMETERS

-Access <Access>

Manages access permissions to the VirtualDisk object.

-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.

-FriendlyName <String>

Specifies a friendly name for a disk. The friendly name may be defined by a user and is not guaranteed to be unique.

-InputObject <CimInstance[]>

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

-IsManualAttach <Boolean>

Specifies that the object is set as manual-attach.

-Name <String>

Specifies the name of the virtual disk to modify.

-NewFriendlyName <String>

Specifies the new name of the virtual disk.

-OtherUsageDescription <String>

Specifies the usage of this object.

-StorageNodeName <String>

Specifies the name of the computer on which to run the cmdlet.

Use this parameter only when you run the cmdlet from a management node to modify a virtual disk on a remote cluster subsystem for the purpose of setting the manual-attach attribute of the virtual disk. Specify the IsManualAttach parameter to set the manual-attach attribute of the virtual disk.

-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 the unique ID of the virtual disk to modify.

-Usage <Usage>

Specifies the intended usage.

<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 -----

```
PS C:\>Set-VirtualDisk -FriendlyName VirtualDisk1 -NewFriendlyName "Storage For Contoso"
```

This example changes the friendly name of a virtual disk.

----- EXAMPLE 2 -----

```
PS C:\>Set-VirtualDisk -FriendlyName "Storage For Contoso" -IsManualAttach $False
```

This example attaches a virtual disk that is currently set to manual-attach.

## REMARKS

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

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

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

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

