



python



PowerShell

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PowerShell Get-Help on command 'Disconnect-VirtualDisk'

PS C:\Users\wahid> Get-Help Disconnect-VirtualDisk

NAME

Disconnect-VirtualDisk

SYNOPSIS

Disconnects a virtual disk from the specified computer, revoking access to the virtual disk.

SYNTAX

```
Disconnect-VirtualDisk [-FriendlyName] <String[]> [-AsJob] [-CimSession  
<CimSession[]>] [-PassThru] [-StorageNodeName <String>] [-ThrottleLimit  
<Int32>] [<CommonParameters>]
```

```
Disconnect-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] -InputObject  
<CimInstance[]> [-PassThru] [-StorageNodeName <String>] [-ThrottleLimit  
<Int32>] [<CommonParameters>]
```

```
Disconnect-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] -Name <String[]>  
[-PassThru] [-StorageNodeName <String>] [-ThrottleLimit <Int32>]  
[<CommonParameters>]
```

Disconnect-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-PassThru] [-StorageNodeName <String>] [-ThrottleLimit <Int32>] -UniqueId <String[]> [<CommonParameters>]

DESCRIPTION

The Disconnect-VirtualDisk cmdlet disconnects a virtual disk from the specified computer, revoking access to the virtual disk.

To disconnect a virtual disk from a remote computer, from a management node in a subsystem that is registered on the management node, specify the StorageNodeName parameter.

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.

-FriendlyName <String[]>

Specifies the friendly name of the virtual disk to disconnect.

-InputObject <CimInstance[]>

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

-Name <String[]>

Specifies the name of the virtual disk to disconnect.

-PassThru [<SwitchParameter>]

Specifies that the cmdlet should output an object representing the disconnected virtual disk. By default, this cmdlet does not generate any output.

-StorageNodeName <String>

Specifies the name of a computer. The cmdlet disconnects the virtual disk from the computer that you specify.

Use this parameter only when you run the cmdlet from a management node to disconnect a virtual disk from a remote cluster subsystem.

-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 UniqueID of the virtual disk to disconnect.

<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: Disconnect a virtual disk by friendly name ----

```
PS C:\>Disconnect-VirtualDisk -FriendlyName VirtualDisk01
```

This example disconnects a virtual disk named VirtualDisk01 from the local machine to prevent further access to the virtual disk.

Example 2: Disconnect a virtual disk from a remote computer from a management node

```
PS C:\>Get-StorageSubSystem -FriendlyName "Clustered Storage Spaces on Cluster01" | Get-VirtualDisk -FriendlyName "VDisk01" | Disconnect-VirtualDisk -StorageNodeName "ClustNode1"
```

This command disconnects a virtual disk to from remote computer from a management node in a subsystem that is registered on the management node.

REMARKS

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

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

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

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