



python



PowerShell

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PowerShell Get-Help on command 'Hide-VirtualDisk'

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

NAME

Hide-VirtualDisk

SYNOPSIS

Hides the virtual disk from the host when the Storage Management Provider in use does not support masking sets.

SYNTAX

```
Hide-VirtualDisk [-FriendlyName] <String[]> [-AsJob] [-CimSession  
<CimSession[]>] [-Confirm] [-InitiatorAddress <String>] [-PassThru]  
[-TargetPortAddresses <String[]>] [-ThrottleLimit <Int32>] [-WhatIf]  
[<CommonParameters>]
```

```
Hide-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-Confirm]  
[-InitiatorAddress <String>] -InputObject <CimInstance[]> [-PassThru]  
[-TargetPortAddresses <String[]>] [-ThrottleLimit <Int32>] [-WhatIf]  
[<CommonParameters>]
```

```
Hide-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-Confirm]  
[-InitiatorAddress <String>] -Name <String[]> [-PassThru]
```

[-TargetPortAddresses <String[]>] [-ThrottleLimit <Int32>] [-WhatIf]

[<CommonParameters>]

Hide-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-Confirm]

[-InitiatorAddress <String>] [-PassThru] [-TargetPortAddresses <String[]>]

[-ThrottleLimit <Int32>] -UniqueId <String[]> [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Hide-VirtualDisk cmdlet hides the virtual disk from the host when the Storage Management Provider in use does not support masking sets. This is equivalent to masking.

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.

-FriendlyName <String[]>

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

-InitiatorAddress <String>

Specifies the address for an initiator.

-InputObject <CimInstance[]>

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

-Name <String[]>

Specifies the name of an object or setting.

-PassThru [<SwitchParameter>]

Sends items from the interactive window down the pipeline as input to other cmdlets. By default, this cmdlet does not generate any output.

To send items from the interactive window down the pipeline, click to select the items and then click OK. Shift-click and Ctrl-click are supported.

-TargetPortAddresses <String[]>

Specifies one or more target port addresses.

-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 an ID used to uniquely identify a Disk object in the system. The ID persists through restarts.

-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>).

----- EXAMPLE 1 -----

```
PS C:\> $iniport = (Get-InitiatorPort)
```

```
PS C:\> $tarport = (Get-TargetPort)
```

```
PS C:\> Hide-VirtualDisk -FriendlyName "SQLData_27a" -TargetPortAddresses  
$tarport.NodeAddress -InitiatorAddress $iniport.NodeAddress
```

This example displays hides the virtual disk when the storage provider does not support masking sets. This cmdlet can be used either locally or remotely, to hide or deny access.

REMARKS

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

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

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

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