



python



PowerShell

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

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

#### NAME

Show-VirtualDisk

#### SYNOPSIS

Makes a virtual disk available to a host.

#### SYNTAX

```
Show-VirtualDisk [-FriendlyName] <String[]> [-AsJob] [-CimSession  
<CimSession[]>] [-Confirm] [-HostType {Unknown | Other | Standard | Solaris |  
HPUX | OpenVMS | Tru64 | Netware | Sequent | AIX | DGUX | Dynix | Irix |  
CiscoISCSIStorageRouter | Linux | MicrosoftWindows | OS400 | TRESPASS | HIUX |  
VMwareESXi | MicrosoftWindowsServer2008 | MicrosoftWindowsServer2003}]  
[-InitiatorAddress <String>] [-PassThru] [-TargetPortAddresses <String[]>]  
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

```
Show-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-HostType  
{Unknown | Other | Standard | Solaris | HPUX | OpenVMS | Tru64 | Netware |  
Sequent | AIX | DGUX | Dynix | Irix | CiscoISCSIStorageRouter | Linux |  
MicrosoftWindows | OS400 | TRESPASS | HIUX | VMwareESXi |  
MicrosoftWindowsServer2008 | MicrosoftWindowsServer2003}] [-InitiatorAddress
```

<String>] -InputObject <CimInstance[]> [-PassThru] [-TargetPortAddresses  
<String[]>] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Show-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-HostType  
{Unknown | Other | Standard | Solaris | HPUX | OpenVMS | Tru64 | Netware |  
Sequent | AIX | DGUX | Dynix | Irix | CiscoISCSIStorageRouter | Linux |  
MicrosoftWindows | OS400 | TRESPASS | HIUX | VMwareESXi |  
MicrosoftWindowsServer2008 | MicrosoftWindowsServer2003}] [-InitiatorAddress  
<String>] -Name <String[]> [-PassThru] [-TargetPortAddresses <String[]>]  
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Show-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-HostType  
{Unknown | Other | Standard | Solaris | HPUX | OpenVMS | Tru64 | Netware |  
Sequent | AIX | DGUX | Dynix | Irix | CiscoISCSIStorageRouter | Linux |  
MicrosoftWindows | OS400 | TRESPASS | HIUX | VMwareESXi |  
MicrosoftWindowsServer2008 | MicrosoftWindowsServer2003}] [-InitiatorAddress  
<String>] [-PassThru] [-TargetPortAddresses <String[]>] [-ThrottleLimit  
<Int32>] -UniqueId <String[]> [-WhatIf] [<CommonParameters>]

## DESCRIPTION

The Show-VirtualDisk cmdlet makes a virtual disk available to a host (by initiator and target ports). This cmdlet is equivalent to a VDS unmask operation.

## 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 the friendly name of the virtual disk to make available to the specified hosts.

`-HostType <HostType>`

Specifies the operating system of the host computer.

`-InitiatorAddress <String>`

Specifies the address for an initiator to which the virtual disk should be unmasked.

`-InputObject <CimInstance[]>`

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

`-Name <String[]>`

Specifies the name of the virtual disk to make available to the specified hosts.

`-PassThru [<SwitchParameter>]`

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

`-TargetPortAddresses <String[]>`

Specifies one or more target port addresses to which the virtual disk should be unmasked.

#### -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 make available to the specified host.

#### -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: Make a virtual disk available to the local computer

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

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

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

This example makes the "SQLData\_27a" virtual disk available to all initiators and target ports of the local computer.

#### REMARKS

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

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

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

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