



python



PowerShell

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PowerShell Get-Help on command 'Get-TargetPort'

PS C:\Users\wahid> Get-Help Get-TargetPort

NAME

Get-TargetPort

SYNOPSIS

Returns a TargetPort object associated with a specific port address and connection type.

SYNTAX

```
Get-TargetPort [[-FriendlyName] <String[]>] [-AsJob] [-CimSession  
<CimSession[]>] [-ConnectionType {Other | FibreChannel | ParallelSCSI | SSA |  
IEEE1394 | RDMA | iSCSI | SAS | ADT}] [-ThrottleLimit <Int32>]  
[<CommonParameters>]
```

```
Get-TargetPort [-AsJob] [-CimSession <CimSession[]>] [-ConnectionType {Other |  
FibreChannel | ParallelSCSI | SSA | IEEE1394 | RDMA | iSCSI | SAS | ADT}]  
[-PortAddress <String[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-TargetPort [-AsJob] [-CimSession <CimSession[]>] [-MaskingSet  
<CimInstance>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

Get-TargetPort [-AsJob] [-CimSession <CimSession[]>] [-StorageSubSystem <CimInstance>] [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-TargetPort [-AsJob] [-CimSession <CimSession[]>] [-TargetPortal <CimInstance>] [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-TargetPort [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [-UniqueId <String[]>] [<CommonParameters>]

Get-TargetPort [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [-VirtualDisk <CimInstance>] [<CommonParameters>]

DESCRIPTION

The Get-TargetPort cmdlet returns a TargetPort object associated with a specific port address and connection type.

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.

-ConnectionType <ConnectionType[]>

Specifies the type of the connection. The acceptable values for this parameter are:iSCSI, SAS, Fibre Channel, and so on.

-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.

-MaskingSet <CimInstance>

Accepts a MaskingSet object as input. The Masking Set CIM object is exposed by the Get-MaskingSet (<https://technet.microsoft.com/library/a7ef71fd-f7f6-4231-8799-0e96dd9eac84>)cmdlet.

-PortAddress <String[]>

Specifies a string containing the port address to query.

-StorageSubSystem <CimInstance>

Accepts a StorageSubsystem object as input. The Storage Subsystem CIM object is exposed by the Get-StorageSubsystem (<https://technet.microsoft.com/library/ea364a0b-06d6-4653-b41c-be69b8038b54>)cmdlet.

-TargetPortal <CimInstance>

Accepts a TargetPortal object as input. The Target Portal CIM object is exposed by the Get-TargetPortal cmdlet.

-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.

-VirtualDisk <CimInstance>

Accepts a VirtualDisk object as input. The Virtual Disk CIM object is exposed by the Get-VirtualDisk (<https://technet.microsoft.com/library/0eeba53f-6468-485f-a680-49260b4c83f0>)cmdlet.

<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 -----

```
PS C:\> $StorageSubsystem = Get-StorageSubsystem
PS C:\> Get-Targetport -StorageSubsystem $StorageSubsystem
```

This example returns a list of target ports on the specified storage subsystem.

REMARKS

To see the examples, type: "get-help Get-TargetPort -examples".

For more information, type: "get-help Get-TargetPort -detailed".

For technical information, type: "get-help Get-TargetPort -full".

For online help, type: "get-help Get-TargetPort -online"