



python



PowerShell

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### **PowerShell Get-Help on command 'Get-IscsiConnection'**

**PS C:\Users\wahid> Get-Help Get-IscsiConnection**

#### NAME

Get-IscsiConnection

#### SYNOPSIS

Gets information about connected iSCSI initiator connections.

#### SYNTAX

```
Get-IscsiConnection [-AsJob] [-CimSession <CimSession[]>]
[-ConnectionIdentifier <String[]>] [-InitiatorPortalPortNumber <UInt16[]>]
[-InitiatorIPAdressListNumber <UInt16[]>] [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

```
Get-IscsiConnection [-AsJob] [-CimSession <CimSession[]>] [-Disk
<CimInstance>] [-InitiatorPortalPortNumber <UInt16[]>]
[-InitiatorIPAdressListNumber <UInt16[]>] [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

```
Get-IscsiConnection [-AsJob] [-CimSession <CimSession[]>] [-InitiatorPort
<CimInstance>] [-InitiatorPortalPortNumber <UInt16[]>]
[-InitiatorIPAdressListNumber <UInt16[]>] [-ThrottleLimit <Int32>]
```

[<CommonParameters>]

Get-IscsiConnection [-AsJob] [-CimSession <CimSession[]>]  
[-InitiatorPortalAddress <String[]>] [-InitiatorPortalPortNumber <UInt16[]>]  
[-InitiatorIPAdressListNumber <UInt16[]>] [-ThrottleLimit <Int32>]  
[<CommonParameters>]

Get-IscsiConnection [-AsJob] [-CimSession <CimSession[]>]  
[-InitiatorPortalPortNumber <UInt16[]>] [-InitiatorSidIdentifier <String[]>]  
[-InitiatorIPAdressListNumber <UInt16[]>] [-ThrottleLimit <Int32>]  
[<CommonParameters>]

Get-IscsiConnection [-AsJob] [-CimSession <CimSession[]>]  
[-InitiatorPortalPortNumber <UInt16[]>] [-InitiatorIPAdressListNumber  
<UInt16[]>] [-IscsiSession <CimInstance>] [-ThrottleLimit <Int32>]  
[<CommonParameters>]

Get-IscsiConnection [-AsJob] [-CimSession <CimSession[]>]  
[-InitiatorPortalPortNumber <UInt16[]>] [-InitiatorIPAdressListNumber  
<UInt16[]>] [-IscsiTarget <CimInstance>] [-ThrottleLimit <Int32>]  
[<CommonParameters>]

Get-IscsiConnection [-AsJob] [-CimSession <CimSession[]>]  
[-InitiatorPortalPortNumber <UInt16[]>] [-InitiatorIPAdressListNumber  
<UInt16[]>] [-TargetSidIdentifier <String[]>] [-ThrottleLimit <Int32>]  
[<CommonParameters>]

Get-IscsiConnection [-AsJob] [-CimSession <CimSession[]>]  
[-InitiatorPortalPortNumber <UInt16[]>] [-InitiatorIPAdressListNumber  
<UInt16[]>] [-ThrottleLimit <Int32>] [-iSCSITargetPortal <CimInstance>]  
[<CommonParameters>]

## DESCRIPTION

The Get-IscsiConnection cmdlet returns information about active iSCSI initiator connections.

## PARAMETERS

**-AsJob** [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

The cmdlet immediately returns an object that represents the job and then displays the command prompt. You can continue to work in the session while the job completes. To manage the job, use the ``*-Job`` cmdlets. To get the job results, use the Receive-Job (<https://go.microsoft.com/fwlink/?LinkID=113372>)cmdlet.

For more information about Windows PowerShell background jobs, see about\_Jobs (<https://go.microsoft.com/fwlink/?LinkID=113251>).

**-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.

**-ConnectionIdentifier** <String[]>

Specifies the connection identifier for an iSCSI session.

**-Disk** <CimInstance>

Accepts a MSFT disk object as an input. The MSFT disk object is output from the Get-Disk cmdlet.

-InitiatorPort <CimInstance>

Accepts a MSFT initiator port object as an input. The MSFT initiator port object is output from the Get-InitiatorPort cmdlet.

-InitiatorPortalAddress <String[]>

Specifies the IP address or DNS name that is associated with the portal.

-InitiatorPortalPortNumber <UInt16[]>

Specifies the TCP/IP port number for the initiator portal.

-InitiatorSideIdentifier <String[]>

Specifies the initiator side identifier.

-InitiatorIPAdressListNumber <UInt16[]>

Specifies the index to the initiator IP address list.

-IscsiSession <CimInstance>

Accepts a MSFT iSCSI session object as an input. The MSFT iSCSI session object is output from the Get-IscsiSession cmdlet.

-IscsiTarget <CimInstance>

Accepts a MSFT iSCSI target object as an input. The MSFT iSCSI target object is output from the Get-IscsiTarget cmdlet.

-TargetSideIdentifier <String[]>

Specifies the target side identifier.

-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.

#### -iSCSITargetPortal <CimInstance>

Accepts a MSFT iSCSI target portal CIM object as an input. The MSFT iSCSI target portal CIM object is output from the Get-IscsiTargetPortal 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>).

- Example 1: Display information about a connected iSCSI target -

```
PS C:\> Get-IscsiConnection
```

```
ConnectionIdentifier : fffffa8005313020-2
```

```
InitiatorNodeAddress : 0.0.0.0
```

```
InitiatorPortNumber  : 41458
```

```
TargetNodeAddress   : 10.121.235.126
```

```
TargetPortNumber    : 3260
```

The command displays information returned by this cmdlet from a connected iSCSI target.

#### REMARKS

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

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

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

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