PowerShell Get-Help on command 'New-IscsiTargetPortal'

PS C:\Users\wahid> Get-Help New-IscsiTargetPortal

NAME

New-IscsiTargetPortal

SYNOPSIS

Configures an iSCSI target portal.

SYNTAX

New-IscsiTargetPortal [-AsJob] [-AuthenticationType <String>] [-ChapSecret

<String>] [-ChapUsername <String>] [-CimSession <CimSession[]>]

[-InitiatorInstanceName <String>] [-InitiatorPortalAddress <String>]

[-IsDataDigest <Boolean>] [-IsHeaderDigest <Boolean>] -TargetPortalAddress

<String> [-TargetPortalPortNumber <UInt16>] [-ThrottleLimit <Int32>]

[<CommonParameters>]

DESCRIPTION

The New-IscsiTargetPortal cmdlet connects a new iSCSI target portal.

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).

-AuthenticationType <String>

   Specifies the type of authentication to use when logging into the target.

   The acceptable values for this parameter are:

   - NONE

   - ONEWAYCHAP

   - MUTUALCHAP

   Note: These values are case sensitive.

-ChapSecret <String>

   Specifies the CHAP secret to use when establishing a connection

   authenticated by using CHAP.

-ChapUsername <String>

   Specifies the user name to use when establishing a connection

authenticated by using Mutual CHAP.

-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.

-InitiatorInstanceName <String>

Specifies the name of the initiator instance that the iSCSI initiator

service uses to send SendTargets requests to the target portal. If no

instance name is specified, the iSCSI initiator service chooses the

initiator instance.

-InitiatorPortalAddress <String>

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

-IsDataDigest <Boolean>

Indicates whether this cmdlet enables data digest when the initiator logs

into the target portal. If you do not specify this parameter, the digest

setting is determined by the initiator kernel mode driver.

-IsHeaderDigest <Boolean>

Indicates whether this cmdlet enables header digest when the initiator

logs into the target portal. If you do not specify this parameter, the

digest setting is determined by the initiator kernel mode driver.

-TargetPortalAddress <String>

Specifies the IP address or DNS name of the target portal.

-TargetPortalPortNumber <UInt16>

Specifies the TCP/IP port number for the target portal. By default, the

port number is 3260.

-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 PowerShellr 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.

<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: Add an iSCSI target portal ------------

PS C:\> New-IscsiTargetPortal -TargetPortalAddress "testIscsi"

InitiatorInstanceName   :

InitiatorNodeAddress   :

InitiatorPortalAddress   :

InititorIPAdressListNumber : 4294967295

IsDataDigest   : False

IsHeaderDigest   : False

TargetPortalAddress   : testIscsi

TargetPortalPortNumber   : 3260

This command adds a new iSCSI target portal named testIscsi to perform

discovery.

REMARKS

To see the examples, type: "get-help New-IscsiTargetPortal -examples".

For more information, type: "get-help New-IscsiTargetPortal -detailed".

For technical information, type: "get-help New-IscsiTargetPortal -full".

For online help, type: "get-help New-IscsiTargetPortal -online"