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Windows PowerShell Get-Help on Cmdlet 'Get-TargetPortal'

PS:\>Get-HELP Get-TargetPortal -Full

NAME

  Get-TargetPortal

SYNOPSIS

  Returns a TargetPortal object.

SYNTAX

     Get-TargetPortal [-AsJob] [-CimSession <CimSession[]>] [-IPv4Address <String[]>] [-ThrottleLimit <Int32>]
[<CommonParameters>]

     Get-TargetPortal [-AsJob] [-CimSession <CimSession[]>] [-IPv6Address <String[]>] [-ThrottleLimit <Int32>]
[<CommonParameters>]

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

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

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

DESCRIPTION

The Get-TargetPortal cmdlet returns a TargetPortal object.

PARAMETERS

-AsJob [<SwitchParameter>]

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

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-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.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-IPv4Address <String[]>

Represents a TCP/IP v4 address in `xxx.xxx.xxx.xxx` format.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-IPv6Address <String[]>

Represents a TCP/IP v6 address.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-StorageSubsystem <CimInstance>

Specifies a storage subsystem, as a CimInstance object. The cmdlet gets target portals exposed by the storage subsystem that you specify. To obtain a storage

subsystem object, use the Get-StorageSubSystem cmdlet.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-TargetPort <CimInstance>

Accepts a TargetPort object as input. The Target Port CIM object is exposed by the Get-TargetPort

(https://technet.microsoft.com/library/4c139739-cda3-4379-b87b-60b1b4db8cd2)cmdlet.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

  -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.

     Required?   false

     Position?   named

     Default value   None

     Accept pipeline input?   False

     Accept wildcard characters? false

  -UniqueId <String[]>

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

     Required?   false

     Position?   named

     Default value   None

     Accept pipeline input?   True (ByPropertyName)

     Accept wildcard characters? false

  <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).

INPUTS   *Page 4/5*

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_TargetPort

   You can use the pipeline operator to pass a TargetPort object to the TargetPort parameter to get the TargetPortal object associated with the specified target port.

OUTPUTS

   Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_TargetPortal

   This cmdlet returns an object that represents the target portal.

NOTES

   * When used in Failover Cluster, cmdlets from the Storage module operate on cluster level (all servers in the cluster).

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

   PS C:\>Get-TargetPortal

   This example gets all target portals.

-------------------------- EXAMPLE 2 --------------------------

   PS C:\>Get-TargetPortal -IPv4Address 192.168.0.1

   This example gets the target portal with the IPv4 address of `192.168.0.1`.

RELATED LINKS

                                                            Online   Version:
https://learn.microsoft.com/powershell/module/storage/get-targetportal?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

   Get-TargetPort