PowerShell Get-Help on command 'Get-OffloadDataTransferSetting'

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

NAME

    Get-OffloadDataTransferSetting

SYNOPSIS

    Returns offloaded data transfer (ODX) settings for the specified subsystem.

SYNTAX

    Get-OffloadDataTransferSetting [-AsJob] [-CimSession <CimSession[]>]

    [-StorageSubSystem <CimInstance>] [-ThrottleLimit <Int32>] [<CommonParameters>]

DESCRIPTION

    The Get-OffloadDataTransferSetting cmdlet returns offloaded data transfer

    (ODX) settings for the specified storage subsystem.

    Note: This cmdlet does not return settings for storage arrays that use the

    Storage Management Initiative Specification (SMI-S) protocol.

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.

-StorageSubSystem <CimInstance>

    Specifies the storage subsystem for which you want to get ODX settings.

    Enter a StorageSubsystem CIM object, which is exposed by the

    Get-StorageSubSystem 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 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: Get all ODX settings ---------------

PS C:\>Get-OffloadDataTransferSetting

This example gets all ODX settings for connected storage arrays, not including

storage arrays that support ODX using the SMI-S protocol.

Example 2: Get storage subsystems that have SMPs that support ODX

PS C:\>Get-OffloadDataTransferSetting | Get-StorageSubSystem

This example displays all storage subsystems on storage management providers

that support ODX, not including storage arrays that support ODX using the

SMI-S protocol.

Example 3: Get the ODX settings for a particular storage subsystem

PS C:\>$stsubsys = Get-StorageSubsystem -FriendlyName "Big Array"

PS C:\>Get-OffloadDataTransferSetting -StorageSubsystem $stsubsys

This example returns the offload data transfer settings for the

StorageSubsystem objects returned by Get-StorageSubSystem cmdlet.

REMARKS

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

For more information, type: "get-help Get-OffloadDataTransferSetting

-detailed".

For technical information, type: "get-help Get-OffloadDataTransferSetting

-full".

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