PowerShell Get-Help on command 'Set-PhysicalDisk'

PS C:\Users\wahid> Get-Help Set-PhysicalDisk

NAME

Set-PhysicalDisk

SYNOPSIS

Sets attributes on a specific physical disk.

SYNTAX

Set-PhysicalDisk [-FriendlyName] <String> [-AsJob] [-CimSession

<CimSession[]>] [-Description <String>] [-MediaType {HDD | SSD | SCM}]

[-NewFriendlyName <String>] [-ThrottleLimit <Int32>] [-Usage {AutoSelect |

ManualSelect | HotSpare | Retired | Journal}] [<CommonParameters>]

Set-PhysicalDisk [-AsJob] [-CimSession <CimSession[]>] [-Description <String>]

-InputObject <CimInstance[]> [-MediaType {HDD | SSD | SCM}] [-NewFriendlyName

<String>] [-ThrottleLimit <Int32>] [-Usage {AutoSelect | ManualSelect |

HotSpare | Retired | Journal}] [<CommonParameters>]

Set-PhysicalDisk [-AsJob] [-CimSession <CimSession[]>] [-Description <String>]

[-MediaType {HDD | SSD | SCM}] [-NewFriendlyName <String>] [-ThrottleLimit

<Int32>] -UniqueId <String> [-Usage {AutoSelect | ManualSelect | HotSpare |

Retired | Journal}] [<CommonParameters>]

DESCRIPTION

The Set-PhysicalDisk cmdlet sets attributes on a specific physical disk in a storage pool, other than the primordial pool when using Storage Spaces.

When using the Windows Storage subsystem, this cmdlet only works on physical disks that have been added to a storage pool.

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.

-Description <String>

Sets the description of the specified physical disk.

-FriendlyName <String>

Specifies the friendly name of the physical disk on which to set attributes.

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-MediaType <MediaType>

    Specifies a media type. The cmdlet changes the media type that is

    associated with physical disk to the media type that you specify. The

    acceptable values for this parameter are:

    - SSD

    - HDD

-NewFriendlyName <String>

    Specifies the new friendly name of the physical disk.

-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.

-UniqueId <String>

    Specifies the UniqueID of the physical disk on which to set attributes.

-Usage <Usage>

    Specifies the allocation method (usage) for the disk. Valid values are

    AutoSelect, HotSpare, Journal, ManualSelect, Retired, and Unknown.

<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: Change the friendly name of a physical disk ----

PS C:\>Set-PhysicalDisk -FriendlyName "PhysicalDisk4" -NewFriendlyName "PhysicalDiskInSlot5"

This example changes the friendly name of PhysicalDisk4 to PhysicalDiskInSlot5.

-------- Example 2: Change the Usage of a physical disk --------

PS C:\>Set-PhysicalDisk -FriendlyName PhysicalDisk2 -Usage AutoSelect

This example changes the Usage property of PhysicalDisk2 to AutoSelect.

REMARKS

To see the examples, type: "get-help Set-PhysicalDisk -examples".

For more information, type: "get-help Set-PhysicalDisk -detailed".

For technical information, type: "get-help Set-PhysicalDisk -full".

For online help, type: "get-help Set-PhysicalDisk -online"