PowerShell Get-Help on command 'Reset-StorageReliabilityCounter'

PS C:\Users\wahid> Get-Help Reset-StorageReliabilityCounter

NAME

    Reset-StorageReliabilityCounter

SYNOPSIS

    Resets storage reliability counters for a disk.

SYNTAX

    Reset-StorageReliabilityCounter [-AsJob] [-CimSession <CimSession[]>] -Disk

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

    Reset-StorageReliabilityCounter [-AsJob] [-CimSession <CimSession[]>]

    -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>]

    [<CommonParameters>]

    Reset-StorageReliabilityCounter [-AsJob] [-CimSession <CimSession[]>]

    [-PassThru] -PhysicalDisk <CimInstance> [-ThrottleLimit <Int32>]

    [<CommonParameters>]

DESCRIPTION

The Reset-StorageReliabilityCounter cmdlet resets the storage reliability counters to zero for a virtual disk or physical disk. The cmdlet resets the following storage reliability counters for I/O operations: read latency, write latency, and flush latency. If an unexpected issue with a disk or driver causes high latency, use this cmdlet to discount the sharp rise in latencies when you monitor I/O performance.

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.

-Disk <CimInstance>

Specifies the Disk for which to reset reliability counters. To obtain a Disk object, use the Get-Disk cmdlet.

-InputObject <CimInstance[]>

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

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

-PhysicalDisk <CimInstance>

Specifies the physical disk for which to reset reliability counters. To

obtain a PhysicalDisk object, use the Get-PhysicalDisk 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: Reset the reliability counters for two physical disks

PS C:\> $Counter1 = Get-StorageReliabilityCounter -PhysicalDisk

(Get-PhysicalDisk "PhysicalDisk01")

PS C:\> $Counter2 = Get-StorageReliabilityCounter -PhysicalDisk

(Get-PhysicalDisk "PhysicalDisk02")

PS C:\> Reset-StorageReliabilityCounter -InputObject $Counter1, $Counter2

The first command gets the storage reliability counters for the physical disk

named PhysicalDisk01, and stores the counters in the $Counter1 variable.

The second command gets the storage reliability counters for the physical disk

named PhysicalDisk02, and stores the counters in the $Counter2 variable.

The last command resets the storage reliability counters for the physical

disks stored in $Counter1 and $Counter2 .

REMARKS

To see the examples, type: "get-help Reset-StorageReliabilityCounter -examples".

For more information, type: "get-help Reset-StorageReliabilityCounter -detailed".

For technical information, type: "get-help Reset-StorageReliabilityCounter -full".

For online help, type: "get-help Reset-StorageReliabilityCounter -online"