PowerShell Get-Help on command 'Repair-VirtualDisk'

PS C:\Users\wahid> Get-Help Repair-VirtualDisk

NAME

   Repair-VirtualDisk

SYNOPSIS

   Performs repairs on a virtual disk that is unhealthy.

SYNTAX

   Repair-VirtualDisk [-FriendlyName] <String[]> [-AsJob] [-CimSession

   <CimSession[]>] [-Confirm] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf]

   [<CommonParameters>]

   Repair-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-Confirm]

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

   [<CommonParameters>]

   Repair-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -Name

   <String[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

   Repair-VirtualDisk [-AsJob] [-CimSession <CimSession[]>] [-Confirm]

   [-PassThru] [-ThrottleLimit <Int32>] -UniqueId <String[]> [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The Repair-VirtualDisk cmdlet performs repairs on a virtual disk that is

unhealthy. The actual tasks performed are vendor-specific based on

implementation in a Storage Management provider.

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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-FriendlyName <String[]>

Specifies a friendly name for a disk. The friendly name may be defined by

a user and is not guaranteed to be unique.

-InputObject <CimInstance[]>

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

-Name <String[]>

Specifies the name of an object or setting.

-PassThru [<SwitchParameter>]

   Sends items from the interactive window down the pipeline as input to

   other cmdlets. By default, this cmdlet does not generate any output.

   To send items from the interactive window down the pipeline, click to

   select the items and then click OK. Shift-click and Ctrl-click are

   supported.

-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 an ID used to uniquely identify a Disk object in the system. The

   ID persists through restarts.

-WhatIf [<SwitchParameter>]

   Shows what would happen if the cmdlet runs. The cmdlet is not run.

<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 --------------------------

PS C:\>Repair-VirtualDisk -FriendlyName Space05

This example repairs the virtual disk named Space05 which is currently unhealthy.

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

PS C:\>Get-VirtualDisk | Where-Object -FilterScript {$_.HealthStatus -Eq "Unhealthy"} | Repair-VirtualDisk

This example gets all of the unhealthy VirtualDisk objects, and runs repairs on all of them serially.

REMARKS

To see the examples, type: "get-help Repair-VirtualDisk -examples".

For more information, type: "get-help Repair-VirtualDisk -detailed".

For technical information, type: "get-help Repair-VirtualDisk -full".

For online help, type: "get-help Repair-VirtualDisk -online"