Full credit is given to the above companies including the OS that this PDF file was generated!

PowerShell Get-Help on command 'Write-VolumeCache'

PS C:\Users\wahid> Get-Help Write-VolumeCache

NAME

Write-VolumeCache

SYNOPSIS

Writes the file system cache to disk.

SYNTAX

Write-VolumeCache [-DriveLetter] <Char[]> [-AsJob] [-CimSession <CimSession[]>] [-PassThru] [-ThrottleLimit <Int32>] [<CommonParameters>]

Write-VolumeCache [-AsJob] [-CimSession <CimSession[]>] -FileSystemLabel <String[]> [-PassThru] [-ThrottleLimit <Int32>] [<CommonParameters>]

Write-VolumeCache [-AsJob] [-CimSession <CimSession[]>] -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [<CommonParameters>]

Write-VolumeCache [-AsJob] [-CimSession <CimSession[]>] -ObjectId <String[]> [-PassThru] [-ThrottleLimit <Int32>] [<CommonParameters>]

Write-VolumeCache [-AsJob] [-CimSession <CimSession[]>] [-PassThru] -Path

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

DESCRIPTION

The Write-VolumeCache cmdlet writes the file system cache to disk. By default, Windows caches file data to be written to disk in a special memory area before writing the data to disk.

This cmdlet enables you to forcibly empty, or flush, the write cache by writing it to disk.

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.

-DriveLetter <Char[]>

Specifies an array of letters that identify one or more drives or volumes in the system. The cmdlet writes the volume cache for the drives or volumes you specify.

-FileSystemLabel <String[]>

Specifies an array of file system labels. The cmdlet writes the volume cache for the file system labels you specify.

-InputObject <CimInstance[]>

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

-ObjectId <String[]>

Specifies an array of IDs, as strings. The ID is not globally unique.

-PassThru [<SwitchParameter>]

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

-Path <String[]>

Specifies an array of paths. The cmdlet writes the volume cache for the paths you specify.

-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: Write the volume cache ----------

PS C:\>Write-VolumeCache C

This command writes the volume cache for the C: drive.

REMARKS

To see the examples, type: "get-help Write-VolumeCache -examples".

For more information, type: "get-help Write-VolumeCache -detailed".

For technical information, type: "get-help Write-VolumeCache -full".

For online help, type: "get-help Write-VolumeCache -online"