



python



PowerShell

FPDF Library
PDF generator

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

PowerShell Get-Help on command 'Get-VolumeCorruptionCount'

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

NAME

Get-VolumeCorruptionCount

SYNOPSIS

Gets a count of the file system errors on the NTFS volume.

SYNTAX

Get-VolumeCorruptionCount [-DriveLetter] <Char[]> [-AsJob] [-CimSession
<CimSession[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-VolumeCorruptionCount [-AsJob] [-CimSession <CimSession[]>]
-FileSystemLabel <String[]> [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-VolumeCorruptionCount [-AsJob] [-CimSession <CimSession[]>] -InputObject
<CimInstance[]> [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-VolumeCorruptionCount [-AsJob] [-CimSession <CimSession[]>] -ObjectId
<String[]> [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-VolumeCorruptionCount [-AsJob] [-CimSession <CimSession[]>] -Path

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

DESCRIPTION

The Get-VolumeCorruptionCount cmdlet gets a count of the file system errors on the NTFS volume. Chkdsk scans a volume for file system errors and stores the result as metadata. This cmdlet enumerates the list of errors on the volume and returns a count of the errors. If you specify the Verbose parameter, the cmdlet also generates a description for each error.

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 gets the volume corruption count for the drives or volumes you specify.

-FileSystemLabel <String[]>

Specifies an array of file system labels. The cmdlet gets the volume corruption count 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.

`-Path <String[]>`

Specifies an array of paths. The cmdlet gets the volume corruption count 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 PowerShell 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 the volume corruption count -----

```
PS C:\>Get-VolumeCorruptionCount -Verbose C
VERBOSE: Corruption Record: 000000000000000000
VERBOSE: Header:
VERBOSE: Version      : 1.0
VERBOSE: Flags       : (0x000000000000002c) GLOBALLY_VERIFIED |
SKIP_SELF_HEALING | TESTED_DUPLICATE
VERBOSE: Length      : 188 bytes
VERBOSE: InstanceTag : {00000000-0000-0000-0000-000000000000}
```

VERBOSE: description: Use this topic to help manage Windows and Windows Server technologies with Windows PowerShell.

VERBOSE: Verb : IndexEntry

VERBOSE: Length : 164 bytes

VERBOSE: Verb-Specific Fields:

VERBOSE: Index :

VERBOSE: FRN : 0x0001 0000`00000023

VERBOSE: Attribute:

VERBOSE: TypeCode: 0 Name: \$I30

VERBOSE: Value Length : 132 bytes

VERBOSE: Value :

VERBOSE: 0000000000: 23 00 00 00 00 00 01 00 3b 52 3a c1 e7 62 ce 01

VERBOSE: 0x00000010: 26 45 00 00 00 00 00 00 00 00 00 00 00 00 00 00

VERBOSE: 0x00000020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

VERBOSE: 0x00000030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

VERBOSE: 0x00000040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 78 00

VERBOSE: 0x00000050: 74 00 20 00 44 00 6f 00 63 00 75 00 6d 00 65 00

VERBOSE: 0x00000060: 6e 00 74 00 20 00 2d 00 20 00 43 00 6f 00 70 00

VERBOSE: 0x00000070: 79 00 20 00 28 00 31 00 30 00 29 00 2e 00 74 00

VERBOSE: 0x00000080: 78 00 74 00

VERBOSE: Corruption Record: 0x000300000000050b9

VERBOSE: Header:

VERBOSE: Version : 1.0

VERBOSE: Flags : (0x000000000000002c) GLOBALLY_VERIFIED |
SKIP_SELF_HEALING | TESTED_DUPLICATE

VERBOSE: Length : 74 bytes

VERBOSE: InstanceTag : {00000000-0000-0000-0000-000000000000}

VERBOSE: description: Use this topic to help manage Windows and Windows Server technologies with Windows PowerShell.

VERBOSE: Verb : Connect

VERBOSE: Length : 50 bytes

VERBOSE: Verb-Specific Fields:

VERBOSE: Index :

VERBOSE: FRN : 0x0001 0000`00000023

VERBOSE: Attribute:

VERBOSE: TypeCode: 0 Name: \$I30

VERBOSE: Recover FRN : 000000 0001`00000000

VERBOSE: FRN Count : 1

VERBOSE: FRN 0 : 0x0001 0000`00000031

This command gets the volume corruption count for the computer on which you run the cmdlet.

REMARKS

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

For more information, type: "get-help Get-VolumeCorruptionCount -detailed".

For technical information, type: "get-help Get-VolumeCorruptionCount -full".

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