PowerShell Get-Help on command 'Repair-FileIntegrity'

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

NAME

    Repair-FileIntegrity

SYNOPSIS

    Repairs a corrupted file on an NTFS or ReFS volume.

SYNTAX

    Repair-FileIntegrity [-FileName] <String> [-AsJob] [-CimSession

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

    [<CommonParameters>]

DESCRIPTION

    The Repair-FileIntegrity cmdlet repairs a corrupted file on an NTFS file

    system volume or a Resilient File System (ReFS) volume. For the cmdlet to

    repair a file, the file must be on a storage volume that provides redundancy,

    and the file must have integrity turned on. This cmdlet does not repair

    corrupted file metadata.

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.

-FileName <String>

Specifies a file name. The cmdlet attempts to repair the file that 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.

-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: Repair a file -------------------

PS C:\>Repair-FileIntegrity -FileName 'H:\Temp\Text Document.txt'

This command repairs a file. Because the repair proceeds without error, the

cmdlet does not display any message.

- Example 2: Attempt to repair a file that cannot be repaired -

PS C:\>Repair-FileIntegrity -FileName 'J:\Temp\Text Document.txt'

Repair-FileIntegrity : The storage device does not provide redundancy.

This command attempts to repair a file. In this example, the cmdlet cannot

repair the file and therefore displays an explanation.

REMARKS

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

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

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

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