



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-FileIntegrity'**

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

#### NAME

Get-FileIntegrity

#### SYNOPSIS

Gets integrity information for a file on an ReFS volume.

#### SYNTAX

```
Get-FileIntegrity [-FileName] <String> [-AsJob] [-CimSession <CimSession[]>]  
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

#### DESCRIPTION

The Get-FileIntegrity cmdlet gets integrity information for a file on a Resilient File System (ReFS) volume.

#### 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.

-FileName <String>

Specifies a file name. The cmdlet gets integrity settings for 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 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) (<https://go.microsoft.com/fwlink/?LinkID=113216>).

----- Example 1: Get file integrity information -----

```
PS C:\>Get-FileIntegrity -FileName 'H:\Temp\New Text Document.txt'
```

```
FileName          Enabled
Enforced
```

-----

-----

-----

```
H:\Temp\New Text Document.txt      False
True
```

This command gets file integrity information for a file.

Example 2: Get file integrity information for multiple files by using the pipeline

```
PS C:\>Get-Item -Path 'H:\Temp\*' | Get-FileIntegrity
```

```
FileName          Enabled
Enforced
```

-----

-----

-----

```
H:\Temp\New Text Document 07 21    False
True
```

```
H:\Temp\New Text Document 08 19    False
True
```

```
H:\Temp\New Text Document 08 22    False
True
```

```
H:\Temp\New Text Document 09 07    False
True
```

This command uses the Get-Item

(<https://go.microsoft.com/fwlink/?LinkID=290495>)cmdlet to get all the files in the specified folder, and then passes them to the current cmdlet by using the pipeline operator. For more information, type `Get-Help Get-Item`. The command gets file integrity information for all the files in the folder.

## REMARKS

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

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

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

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