



python



PowerShell

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### **PowerShell Get-Help on command 'Unblock-File'**

**PS C:\Users\wahid> Get-Help Unblock-File**

#### NAME

Unblock-File

#### SYNOPSIS

Unblocks files that were downloaded from the internet.

#### SYNTAX

Unblock-File -LiteralPath <System.String[]> [-Confirm] [-WhatIf]

[<CommonParameters>]

Unblock-File [-Path] <System.String[]> [-Confirm] [-WhatIf]

[<CommonParameters>]

#### DESCRIPTION

The `Unblock-File` cmdlet lets you open files that were downloaded from the internet. It unblocks PowerShell script files that were downloaded from the internet so you can run them, even when the PowerShell execution policy is RemoteSigned . By default, these files are blocked to protect the computer from untrusted files.

Before using the `Unblock-File` cmdlet, review the file and its source and verify that it is safe to open.

Internally, the `Unblock-File` cmdlet removes the Zone.Identifier alternate data stream, which has a value of `3` to indicate that it was downloaded from the internet.

For more information about PowerShell execution policies, see `about_Execution_Policies` (`../Microsoft.PowerShell.Core/about/about_Execution_Policies.md`).

This cmdlet was introduced in Windows PowerShell 3.0.

## PARAMETERS

`-LiteralPath <System.String[]>`

Specifies the files to unblock. Unlike `Path`, the value of the `LiteralPath` parameter is used exactly as it is typed. No characters are interpreted as wildcards. If the path includes escape characters, enclose it in single quotation marks (`'`). Single quotation marks tell PowerShell not to interpret any characters as escape sequences.

`-Path <System.String[]>`

Specifies the files to unblock. Wildcard characters are supported.

`-Confirm <System.Management.Automation.SwitchParameter>`

Prompts you for confirmation before running the cmdlet.

`-WhatIf <System.Management.Automation.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: Unblock a file -----

```
PS C:\> Unblock-File -Path
C:\Users\User01\Documents\Downloads\PowerShellTips.chm
```

----- Example 2: Unblock multiple files -----

```
PS C:\> dir C:\Downloads\*PowerShell* | Unblock-File
```

----- Example 3: Find and unblock scripts -----

```
PS C:\> Get-Item * -Stream "Zone.Identifier" -ErrorAction SilentlyContinue
```

```
  FileName: C:\ps-test\Start-ActivityTracker.ps1
```

Stream	Length
-----	-----
Zone.Identifier	26

```
PS C:\> C:\ps-test\Start-ActivityTracker.ps1
c:\ps-test\Start-ActivityTracker.ps1 : File
c:\ps-test\Start-ActivityTracker.ps1 cannot
be loaded. The file c:\ps-test\Start-ActivityTracker.ps1 is not digitally
signed. The script
will not execute on the system. For more information, see
about_Execution_Policies.
```

At line:1 char:1

+ c:\ps-test\Start-ActivityTracker.ps1

+ ~~~~~

+ CategoryInfo : SecurityError: (:) [], PSSecurityException

+ FullyQualifiedErrorId : UnauthorizedAccess

PS C:\> Get-Item C:\ps-test\Start-ActivityTracker.ps1 | Unblock-File

## REMARKS

To see the examples, type: "get-help Unblock-File -examples".

For more information, type: "get-help Unblock-File -detailed".

For technical information, type: "get-help Unblock-File -full".

For online help, type: "get-help Unblock-File -online"