


Version

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Stop-Service

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Stops one or more running services.


Syntax

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```
Stop-Service
    [-Force]
    [-NoWait]
    [-InputObject] <ServiceController[]>
    [-PassThru]
    [-Include <String[]>]
    [-Exclude <String[]>]
    [-WhatIf]
    [-Confirm]
    [<CommonParameters>]
```

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```
Stop-Service
    [-Force]
    [-NoWait]
    [-Name] <String[]>
    [-PassThru]
    [-Include <String[]>]
    [-Exclude <String[]>]
    [-WhatIf]
    [-Confirm]
    [<CommonParameters>]
```

PowerShell  Copy

```
Stop-Service
    [-Force]
    [-NoWait]
    [-PassThru]
    -DisplayName <String[]>
    [-Include <String[]>]
    [-Exclude <String[]>]
    [-WhatIf]
    [-Confirm]
    [<CommonParameters>]
```

Description

This cmdlet is only available on the Windows platform.

The `Stop-Service` cmdlet sends a stop message to the Windows Service Controller for each of the specified services. You can specify the services by their service names or display names, or you can use the `InputObject` parameter to pass a service object that represents the service that you want to stop.

Examples

Example 1: Stop a service on the local computer

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```
PS C:\> Stop-Service -Name "sysmonlog"
```

This command stops the Performance Logs and Alerts (SysmonLog) service on the local computer.

Example 2: Stop a service by using the display name

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```
PS C:\> Get-Service -DisplayName "telnet" | Stop-Service
```

This command stops the Telnet service on the local computer. The command uses `Get-Service` to get an object that represents the Telnet service. The pipeline operator (`|`) pipes the object to `Stop-Service`, which stops the service.

Example 3: Stop a service that has dependent services

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```
PS C:\> Get-Service -Name "iisadmin" | Format-List -Property Name, DependentServices
PS C:\> Stop-Service -Name "iisadmin" -Force -Confirm
```

This example stops the IISAdmin service on the local computer. Because stopping this service also stops the services that depend on the IISAdmin service, it is best to precede `Stop-Service` with a command that lists the services that depend on the IISAdmin service.

The first command lists the services that depend on IISAdmin. It uses `Get-Service` to get an object that represents the IISAdmin service. The pipeline operator (`|`) passes the result to the `Format-List` cmdlet. The command uses the **Property** parameter of `Format-List` to list only the **Name** and **DependentServices** properties of the service.

The second command stops the IISAdmin service. The **Force** parameter is required to stop a service that has dependent services. The command uses the **Confirm** parameter to request confirmation from the user before it stops each service.

Parameters

-Confirm

Prompts you for confirmation before running the cmdlet.

 Expand table

Type:	SwitchParameter
Aliases:	cf
Position:	Named
Default value:	False
Required:	False
Accept pipeline input:	False
Accept wildcard characters:	False

-DisplayName

Specifies the display names of the services to stop. Wildcard characters are permitted.

 Expand table

Type:	String[]
Position:	Named
Default value:	None
Required:	True
Accept pipeline input:	False
Accept wildcard characters:	True

-Exclude

Specifies services that this cmdlet omits. The value of this parameter qualifies the **Name** parameter. Enter a name element or pattern, such as s*. Wildcard characters are permitted.

 Expand table

Type:	String[]
Position:	Named
Default value:	None
Required:	False
Accept pipeline input:	False
Accept wildcard characters:	True

-Force

Forces the cmdlet to stop a service even if that service has dependent services.


 Expand table

Type:	SwitchParameter
Position:	Named
Default value:	None

Required:	False
Accept pipeline input:	False
Accept wildcard characters:	False

-Include


Specifies services that this cmdlet stops. The value of this parameter qualifies the **Name** parameter. Enter a name element or pattern, such as s*. Wildcard characters are permitted.

 Expand table

Type:	String[]
Position:	Named
Default value:	None
Required:	False
Accept pipeline input:	False
Accept wildcard characters:	True

-InputObject

Specifies **ServiceController** objects that represent the services to stop. Enter a variable that contains the objects, or type a command or expression that gets the objects.

 Expand table

Type:	ServiceController[]
Position:	0
Default value:	None
Required:	True
Accept pipeline input:	True
Accept wildcard characters:	False

-Name

Specifies the service names of the services to stop. Wildcard characters are permitted.

 Expand table

Type:	String[]
Aliases:	ServiceName
Position:	0
Default value:	None
Required:	True
Accept pipeline input:	True
Accept wildcard characters:	True

-Nowait

Indicates that this cmdlet uses the no wait option.

 Expand table

Type:	SwitchParameter
Position:	Named
Default value:	None
Required:	False
Accept pipeline input:	False
Accept wildcard characters:	False

-PassThru

Returns an object that represents the service. By default, this cmdlet does not generate any output.

 Expand table

Type:	SwitchParameter
Position:	Named
Default value:	None
Required:	False
Accept pipeline input:	False
Accept wildcard characters:	False

-WhatIf

Shows what would happen if the cmdlet runs. The cmdlet is not run.

 Expand table

Type:	SwitchParameter
Aliases:	wi
Position:	Named
Default value:	False
Required:	False
Accept pipeline input:	False
Accept wildcard characters:	False

Inputs

ServiceController

You can pipe a service object to this cmdlet.

String

You can pipe a string that contains the name of a service to this cmdlet.

Outputs

None

By default, this cmdlet returns no output.

ServiceController

When you use the **PassThru** parameter, this cmdlet returns a **ServiceController** object representing the service.

Notes

PowerShell includes the following aliases for `Stop-Service`:

- Windows:
 - `spsv`

This cmdlet is only available on Windows platforms.

`Stop-Service` can control services only when the current user has permission to do this. If a command does not work correctly, you might not have the required permissions.

To find the service names and display names of the services on your system, type `Get-Service`. The service names appear in the **Name** column and the display names appear in the **DisplayName** column.

Related Links

- [Get-Service](#)
- [New-Service](#)
- [Restart-Service](#)
- [Resume-Service](#)
- [Set-Service](#)
- [Start-Service](#)
- [Suspend-Service](#)
- [Remove-Service](#)



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