

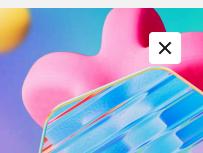
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## Version



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# **Stop-Service**

Module: Microsoft.PowerShell.Management

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Description

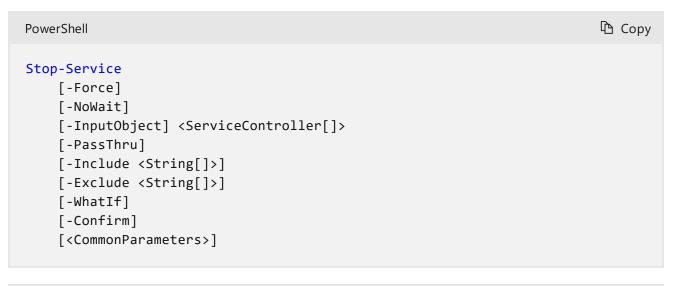
**Examples** 

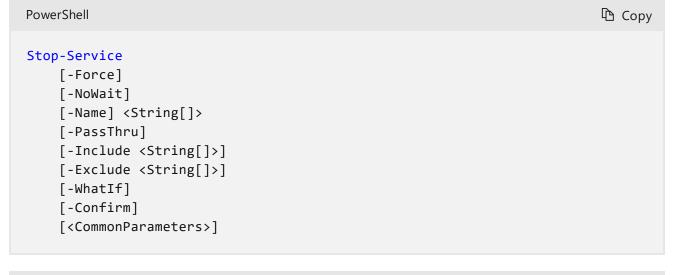
**Parameters** 

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Stops one or more running services.

# **Syntax**





PowerShell

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```
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

```
PowerShell

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

```
PowerShell

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

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

# Example 3: Stop a service that has dependent services

```
PowerShell

PS C:\> Get-Service -Name "iisadmin" | Format-List -Property Name, DependentService -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 <code>Get-Service</code> 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

Туре:	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** 

Туре:	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**

Туре:	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**

Туре:	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**

Туре:	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**

Туре:	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** 

Туре:	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** 

Туре:	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** 

Туре:	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:
  - o 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 <code>Get-Service</code>. 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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