



python



PowerShell

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PowerShell Get-Help on command 'Stop-Service'

PS C:\Users\wahid> Get-Help Stop-Service

NAME

Stop-Service

SYNOPSIS

Stops one or more running services.

SYNTAX

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

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

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

DESCRIPTION

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.

PARAMETERS

`-DisplayName <System.String[]>`

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

`-Exclude <System.String[]>`

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.

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

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

`-Include <System.String[]>`

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.

`-InputObject <System.ServiceProcess.ServiceController[]>`

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.

`-Name <System.String[]>`

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

are permitted.

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

Indicates that this cmdlet uses the no wait option.

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

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

`-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: Stop a service on the local computer -----

```
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 -----

```
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 ----

```
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.

REMARKS

To see the examples, type: "get-help Stop-Service -examples".

For more information, type: "get-help Stop-Service -detailed".

For technical information, type: "get-help Stop-Service -full".

For online help, type: "get-help Stop-Service -online"