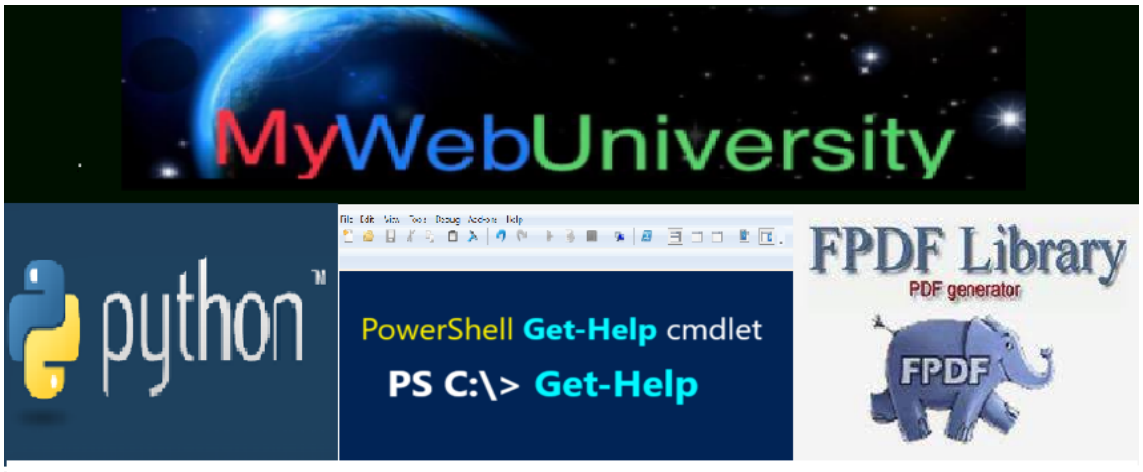

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Windows PowerShell Get-Help on Cmdlet 'Stop-Service'

PS:\>Get-HELP Stop-Service -Full

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.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? true

-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.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? true

-Force <System.Management.Automation.SwitchParameter>

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

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? true

-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.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String[]>

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

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? true

-NoWait <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet uses the no wait option.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-PassThru <System.Management.Automation.SwitchParameter>

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

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

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

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

<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).

INPUTS

System.ServiceProcess.ServiceController

You can pipe a service object to this cmdlet.

System.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.

System.ServiceProcess.ServiceController

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

NOTES

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

- `spsv`

`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.

------- 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.

RELATED LINKS

Online Version:

https://learn.microsoft.com/powershell/module/microsoft.powershell.management/stop-service?view=powershell-5.1&WT.mc_id=ps-gethelp

Get-Service

New-Service

Restart-Service

Resume-Service

Set-Service

Start-Service

Suspend-Service