



python



PowerShell

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PowerShell Get-Help on command 'Get-PSSnapin'

PS C:\Users\wahid> Get-Help Get-PSSnapin

NAME

Get-PSSnapin

SYNOPSIS

Gets the Windows PowerShell snap-ins on the computer.

SYNTAX

Get-PSSnapin [[-Name] <System.String[]>] [-Registered] [<CommonParameters>]

DESCRIPTION

The `Get-PSSnapin` cmdlet gets the Windows PowerShell snap-ins that have been added to the current session or that have been registered on the system. This cmdlet lists the snap-ins in the order in which they are detected.

`Get-PSSnapin` gets only registered snap-ins. To register a Windows PowerShell snap-in, use the InstallUtil tool included with the Microsoft .NET Framework 2.0. For more information, see [How to Register Cmdlets, Providers, and Host Applications \(/previous-versions//ms714644\(v=vs.85\)\)](#).

Starting in Windows PowerShell 3.0, the core commands that are included in Windows PowerShell are packaged in modules. The exception is Microsoft.PowerShell.Core , which is a snap-in (PSSnapin). By default, only the Microsoft.PowerShell.Core snap-in is added to the session. Modules are imported automatically on first use and you can use the `Import-Module` cmdlet to import them.

PARAMETERS

`-Name <System.String[]>`

Specifies an array of snap-in names. This cmdlet gets only the specified Windows PowerShell snap-ins. Wildcard characters are permitted.

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

Indicates that this cmdlet gets the Windows PowerShell snap-ins that have been registered on the system even if they have not yet been added to the session.

The snap-ins that are installed with Windows PowerShell do not appear in this list.

Without this parameter, `Get-PSSnapin` gets the Windows PowerShell snap-ins that have been added to the session.

`<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: Get snap-ins that are currently loaded -----

This command gets the Windows PowerShell snap-ins that are currently loaded in the session. This includes the snap-ins that are installed with Windows PowerShell and those that have been added to the session.

----- Example 2: Get snap-ins that have been registered -----

```
PS C:\> get-PSSnapIn -Registered
```

This command gets the Windows PowerShell snap-ins that have been registered on the computer, including those that have already been added to the session. The output does not include snap-ins that are installed with Windows PowerShell or Windows PowerShell snap-in dynamic-link libraries (DLLs) that have not yet been registered on the system.

----- Example 3: Get current snap-ins that match a string -----

```
PS C:\> Get-PSSnapIn -Name smp*
```

This command gets the Windows PowerShell snap-ins in the current session that have names that begin with smp.

REMARKS

To see the examples, type: "get-help Get-PSSnapin -examples".

For more information, type: "get-help Get-PSSnapin -detailed".

For technical information, type: "get-help Get-PSSnapin -full".

For online help, type: "get-help Get-PSSnapin -online"