



python



PowerShell

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PowerShell Get-Help on command 'Get-StorageProvider'

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

NAME

Get-StorageProvider

SYNOPSIS

Returns a list of the storage providers available on the local computer.

SYNTAX

```
Get-StorageProvider [[-Name] <String[]>] [-AsJob] [-CimSession <CimSession[]>]  
[-Manufacturer <String[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-StorageProvider [-AsJob] [-CimSession <CimSession[]>] [-Manufacturer  
<String[]>] [-ThrottleLimit <Int32>] [-URI <Uri[]>] [<CommonParameters>]
```

```
Get-StorageProvider [-AsJob] [-CimSession <CimSession[]>] [-StorageSubSystem  
<CimInstance>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-StorageProvider [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit  
<Int32>] [-UniqueId <String[]>] [<CommonParameters>]
```

DESCRIPTION

The `Get-StorageProvider` cmdlet returns a list of the storage providers available on the local computer. This cmdlet returns a list of the available storage providers available to the computer, such as a SMP hardware provider, or a SMI-S provider connection.

PARAMETERS

`-AsJob` [`<SwitchParameter>`]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

`-CimSession` `<CimSession[]>`

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a `New-CimSession` (<https://go.microsoft.com/fwlink/p/?LinkId=227967>) or `[Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)cmdlet`. The default is the current session on the local computer.

`-Manufacturer` `<String[]>`

Specifies the name of the manufacturer of this piece of hardware or software.

`-Name` `<String[]>`

Specifies the name of an object or setting.

`-StorageSubSystem` `<CimInstance>`

Accepts a `StorageSubsystem` object as input. The Storage Subsystem CIM object is exposed by the `Get-StorageSubsystem` (<https://technet.microsoft.com/library/ea364a0b-06d6-4653-b41c-be69b8038b54>)cmdlet.

`-ThrottleLimit` `<Int32>`

Specifies the maximum number of concurrent operations that can be

established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit applies only to the current cmdlet, not to the session or to the computer.

-URI <Uri[]>

Specifies the URI for the object.

-UniqueId <String[]>

Specifies an ID used to uniquely identify a Disk object in the system. The ID persists through restarts.

<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 all Storage providers -----

```
PS C:\>Get-StorageProvider
```

Type	Name	Manufacturer
SMP	Storage Spaces Management Provider	Microsoft Corporation

This command gets all available Storage providers on the system.

REMARKS

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

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

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

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

