



python



PowerShell

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PowerShell Get-Help on command 'Get-PrinterDriver'

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

NAME

Get-PrinterDriver

SYNOPSIS

Retrieves the list of printer drivers installed on the specified computer.

SYNTAX

```
Get-PrinterDriver [[-Name] <String[]>] [-AsJob] [-CimSession <CimSession[]>]
[-ComputerName <String>] [-PrinterEnvironment <String[]>] [-ThrottleLimit
<Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-PrinterDriver cmdlet retrieves the list of printer drivers installed on the specified computer. The Get-PrinterDriver cmdlet returns a printer driver object that you can store in a variable to use with other cmdlets. You can specify the ComputerName parameter to list the printer drivers installed on another computer.

You can use wildcard characters with Get-PrinterDriver . You can use

Get-PrinterDriver in a Windows PowerShell remoting session.

You do not need administrator credentials to run Get-PrinterDriver .

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.

-ComputerName <String>

Specifies the name of the computer from which to retrieve the printer drivers.

-Name <String[]>

Specifies the name of the printer driver to retrieve.

-PrinterEnvironment <String[]>

Specifies the printer driver environment.

-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.

<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 a list of printer drivers using wildcard characters

```
Get-PrinterDriver -Name *
```

This command returns a list of printer drivers installed on the local computer by using wildcard characters.

Example 2: Get a list of printer drivers on a remote computer

```
Get-PrinterDriver -Name * -ComputerName "PrintServer"
```

This command retrieves a list of printer drivers from the computer named PrintServer.

---- Example 3: Get detailed information about each driver ----

```
Get-PrinterDriver -Name "Microsoft XPS Document Writer" | Format-List
```

This command displays the detailed information for each printer driver.

Get-PrinterDriver displays a summarized view of each printer driver queried.

----- Example 4: Get a printer driver object -----

```
$PrinterDriver = Get-PrinterDriver -Name "Microsoft XPS Document Writer v4"
```

This command retrieves a printer driver object that you can use with other cmdlets. The printer driver object is stored in the \$PrinterDriver variable.

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

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

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

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