



Windows PowerShell Get-Help on Cmdlet 'Get-PrinterDriver'

PS:\>Get-HELP Get-PrinterDriver -Full

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.

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.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ComputerName <String>

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

Required? false

Position? named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Name <String[]>

Specifies the name of the printer driver to retrieve.

Required? false
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-PrinterEnvironment <String[]>

Specifies the printer driver environment.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-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.

Required? false
Position? named
Default value None
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.String[]

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance

Microsoft.Management.Infrastructure.CimInstance#ROOT/StandardCimv2/MSFT_PrinterDriver

This cmdlet returns one or more printer driver objects.

NOTES

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.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/printmanagement/get-printerdriver?view=windowsserver2022-ps&wt.mc_id=powershell-gethelp

Add-PrinterDriver

Remove-PrinterDriver