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### ***Windows PowerShell Get-Help on Cmdlet 'Get-PrinterProperty'***

**PS:\>Get-HELP Get-PrinterProperty -Full**

#### **NAME**

Get-PrinterProperty

#### **SYNOPSIS**

Retrieves printer properties for the specified printer.

#### **SYNTAX**

```
Get-PrinterProperty [-PrinterName] <String> [[-PropertyName] <String[]>] [-AsJob] [-CimSession <CimSession[]>]
[-ComputerName <String>] [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

#### **DESCRIPTION**

The Get-PrinterProperty cmdlet retrieves one or more printer properties for the specified printer.

You cannot use wildcard characters with Get-PrinterProperty . You can use Get-PrinterProperty in a Windows PowerShell remoting session.

## 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 properties.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

**-PrinterName <String>**

Specifies the name of the printer from which to retrieve the printer properties.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

**-PropertyName <String[]>**

Specifies the property name to retrieve.

Required? false

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

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

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[]

System.String

## OUTPUTS

Microsoft.Management.Infrastructure.CimInstance

Microsoft.Management.Infrastructure.CimInstance#ROOT/StandardCimv2/MSFT\_PrinterProperty

This cmdlet returns a printer property object.

## NOTES

----- Example 1: Get printer properties -----

```
Get-PrinterProperty -PrinterName "Printer name"
```

This command returns a list of properties for the printer specified by the PrinterName parameter.

- Example 2: Get printer properties for all installed printers -

```
PS C:\>$printers = get-printer *
foreach ($printer in $printers)
{
    get-printerproperty -printerName $printer.name
}
```

This command gets all the printers into a variable \$Printers and then loops through all the printers and displays the properties.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/printmanagement/get-printerproperty?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/printmanagement/get-printerproperty?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

[Set-PrinterProperty](#)