



python



PowerShell

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### **PowerShell Get-Help on command 'Set-Printer'**

**PS C:\Users\wahid> Get-Help Set-Printer**

#### NAME

Set-Printer

#### SYNOPSIS

Updates the configuration of an existing printer.

#### SYNTAX

```
Set-Printer [-Name] <String[]> [-AsJob] [-BranchOfficeOfflineLogSizeMB  
<UInt32>] [-CimSession <CimSession[]>] [-Comment <String>] [-ComputerName  
<String>] [-Confirm] [-Datatype <String>] [-DisableBranchOfficeLogging  
<Boolean>] [-DriverName <String>] [-KeepPrintedJobs <Boolean>] [-Location  
<String>] [-PassThru] [-PermissionSDDL <String>] [-PortName <String>]  
[-PrintProcessor <String>] [-Priority <UInt32>] [-Published <Boolean>]  
[-RenderingMode {SSR | CSR | BranchOffice}] [-SeparatorPageFile <String>]  
[-ShareName <String>] [-Shared <Boolean>] [-StartTime <UInt32>]  
[-ThrottleLimit <Int32>] [-UntilTime <UInt32>] [-WorkflowPolicy {Uninitialized  
| Disabled | Enabled}] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Set-Printer [-AsJob] [-BranchOfficeOfflineLogSizeMB <UInt32>] [-CimSession  
<CimSession[]>] [-Comment <String>] [-Confirm] [-Datatype <String>]
```

[-DisableBranchOfficeLogging <Boolean>] [-DriverName <String>] -InputObject <CimInstance[]> [-KeepPrintedJobs <Boolean>] [-Location <String>] [-PassThru] [-PermissionSDDL <String>] [-PortName <String>] [-PrintProcessor <String>] [-Priority <UInt32>] [-Published <Boolean>] [-RenderingMode {SSR | CSR | BranchOffice}] [-SeparatorPageFile <String>] [-ShareName <String>] [-Shared <Boolean>] [-StartTime <UInt32>] [-ThrottleLimit <Int32>] [-UntilTime <UInt32>] [-WorkflowPolicy {Uninitialized | Disabled | Enabled}] [-Confirm] [-WhatIf] [<CommonParameters>]

## DESCRIPTION

The Set-Printer cmdlet updates the configuration of the specified printer.

Use the KeepPrintedJobs parameter to make a printer keep printed jobs.

You can specify the printer to update by using either a printer object retrieved by the Get-Printer cmdlet, or by specifying a printer name.

You can use wildcard characters with Set-Printer . You can use Set-Printer in a Windows PowerShell remoting session.

You need administrator credentials to run Set-Printer .

## PARAMETERS

-AsJob [<SwitchParameter>]

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

-BranchOfficeOfflineLogSizeMB <UInt32>

Specifies the maximum size, in megabytes, of the branch office remote offline log file for this printer. You cannot specify this parameter for unshared queues or queues that do not have branch office enabled.

-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.

-Comment <String>

Specifies the text to add to the Comment field for the specified printer.

-ComputerName <String>

Specifies the name of the computer on which the printer is installed.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-Datatype <String>

Specifies the data type the printer uses to record print jobs.

-DisableBranchOfficeLogging <Boolean>

Indicates whether branch office remote logging is disabled. You cannot specify this parameter for unshared queues.

-DriverName <String>

Specifies the name of the printer driver for the printer.

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-KeepPrintedJobs <Boolean>

Specifies whether the printer jobs in the queue are kept.

-Location <String>

Specifies the location of the printer.

-Name <String[]>

Specifies the name of the printer to modify.

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

-PermissionSDDL <String>

Specifies the permissions for the printer as an SDDL string.

-PortName <String>

Specifies the name of the port that is used or created for the printer.

-PrintProcessor <String>

Specifies the name of the print processor used by the printer.

-Priority <UInt32>

Specifies the relative queue priority.

-Published <Boolean>

Specifies whether the printer is published in the network directory service.

-RenderingMode <RenderingModeEnum>

Specifies the rendering mode for the printer. The acceptable values for this parameter are:

- SSR

- CSR

- BranchOffice

-SeparatorPageFile <String>

Specifies the path of and name of the separator page to be used by the printer.

-ShareName <String>

Specifies the name by which to share the printer on the network. To change the share state of a printer, specify the Shared parameter.

-Shared <Boolean>

Specifies whether the printer is shared.

-StartTime <UInt32>

Specifies the starting time of printer availability.

-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.

-UntilTime <UInt32>

Specifies the ending time of printer availability.

-WorkflowPolicy <WorkflowPolicyEnum>

Enables an administrator to associate a given printer with a specific Workflow application. This parameter does not allow the administrator to override the device-app association that was made using the device metadata service.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<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: Set printer to keep printed jobs -----

```
Set-Printer -Name "Microsoft XPS Document Writer" -KeepPrintedJobs $True
```

This command configures the Microsoft XPS Document Writer printer to keep printed jobs.

Example 2: Set printer to keep printed jobs by using a printer object

```
$Printer = Get-Printer -Name "Microsoft XPS Document Writer"
```

```
$Printer.KeepPrintedJobs = $True
```

```
Set-Printer -InputObject $Printer
```

The first command gets the printer named Microsoft XPS Document Writer by using the Get-Printer cmdlet. The command stores the result in the \$Printer variable.

The second command assigns a value of \$True to the KeepPrintedJobs property of the \$Printer object.

The final command sets the value of revised value of \$Printer.

## REMARKS

To see the examples, type: "get-help Set-Printer -examples".

For more information, type: "get-help Set-Printer -detailed".

For technical information, type: "get-help Set-Printer -full".

For online help, type: "get-help Set-Printer -online"