



python



PowerShell

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

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

#### NAME

Set-PrintConfiguration

#### SYNOPSIS

Sets the configuration information for the specified printer.

#### SYNTAX

```
Set-PrintConfiguration [-PrinterObject] < CimInstance > [-AsJob] [-CimSession  
< CimSession[] >] [-Collate < Boolean >] [-Color < Boolean >] [-Confirm]  
[-DuplexingMode { OneSided | TwoSidedLongEdge | TwoSidedShortEdge }] [-PaperSize  
{ Custom | Letter | LetterSmall | Tabloid | Ledger | Legal | Statement |  
Executive | A3 | A4 | A4Small | A5 | B4 | B5 | Folio | Quarto | Sheet10x14 |  
Sheet11x17 | Note | Envelope9 | Envelope10 | Envelope11 | Envelope12 |  
Envelope14 | CSheet | DSheet | ESheet | EnvelopeDL | EnvelopeC5 | EnvelopeC3 |  
EnvelopeC4 | EnvelopeC6 | EnvelopeC65 | EnvelopeB4 | EnvelopeB5 | EnvelopeB6 |  
Envelopeltaly | EnvelopeMonarch | EnvelopePersonal | FanfoldUS |  
FanfoldStandardGerman | FanfoldLegalGerman | ISOB4 | JapanesePostcard |  
Sheet9x11 | Sheet10x11 | Sheet15x11 | EnvelopeInvite | Reserved48 | Reserved49  
| LetterExtra | LegalExtra | TabloidExtra | A4Extra | LetterTransverse |  
A4Transverse | LetterExtraTransverse | APlus | BPlus | LetterPlus | A4Plus |
```

A5Transverse | B5Transverse | A3Extra | A5Extra | B5Extra | A2 | A3Transverse  
| A3ExtraTransverse | JapaneseDoublePostcard | A6 | JapaneseEnvelopeKaku2 |  
JapaneseEnvelopeKaku3 | JapaneseEnvelopeChou3 | JapaneseEnvelopeChou4 |  
LetterRotated | A3Rotated | A4Rotated | A5Rotated | B4JISRotated |  
B5JISRotated | JapanesePostcardRotated | JapaneseDoublePostcardRotated |  
A6Rotated | JapaneseEnvelopeKaku2Rotated | JapaneseEnvelopeKaku3Rotated |  
JapaneseEnvelopeChou3Rotated | JapaneseEnvelopeChou4Rotated | B6JIS |  
B6JISRotated | Sheet12x11 | JapaneseEnvelopeYou4 | JapaneseEnvelopeYou4Rotated  
| PRC16K | PRC32K | PRC32KBig | PRCEnvelope1 | PRCEnvelope2 | PRCEnvelope3 |  
PRCEnvelope4 | PRCEnvelope5 | PRCEnvelope6 | PRCEnvelope7 | PRCEnvelope8 |  
PRCEnvelope9 | PRCEnvelope10 | PRC16KRotated | PRC32KRotated |  
PRC32KBigRotated | PRCEnvelope1Rotated | PRCEnvelope2Rotated |  
PRCEnvelope3Rotated | PRCEnvelope4Rotated | PRCEnvelope5Rotated |  
PRCEnvelope6Rotated | PRCEnvelope7Rotated | PRCEnvelope8Rotated |  
PRCEnvelope9Rotated | PRCEnvelope10Rotated}} [-PrintTicketXml <String>  
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Set-PrintConfiguration [-PrinterName] <String> [-AsJob] [-CimSession  
<CimSession[]>] [-Collate <Boolean>] [-Color <Boolean>] [-ComputerName  
<String>] [-Confirm] [-DuplexingMode {OneSided | TwoSidedLongEdge |  
TwoSidedShortEdge}] [-PaperSize {Custom | Letter | LetterSmall | Tabloid |  
Ledger | Legal | Statement | Executive | A3 | A4 | A4Small | A5 | B4 | B5 |  
Folio | Quarto | Sheet10x14 | Sheet11x17 | Note | Envelope9 | Envelope10 |  
Envelope11 | Envelope12 | Envelope14 | CSheet | DSheet | ESheet | EnvelopeDL |  
EnvelopeC5 | EnvelopeC3 | EnvelopeC4 | EnvelopeC6 | EnvelopeC65 | EnvelopeB4 |  
EnvelopeB5 | EnvelopeB6 | Envelopeltaly | EnvelopeMonarch | EnvelopePersonal |  
FanfoldUS | FanfoldStandardGerman | FanfoldLegalGerman | ISOB4 |  
JapanesePostcard | Sheet9x11 | Sheet10x11 | Sheet15x11 | EnvelopeInvite |  
Reserved48 | Reserved49 | LetterExtra | LegalExtra | TabloidExtra | A4Extra |  
LetterTransverse | A4Transverse | LetterExtraTransverse | APlus | BPlus |  
LetterPlus | A4Plus | A5Transverse | B5Transverse | A3Extra | A5Extra |  
B5Extra | A2 | A3Transverse | A3ExtraTransverse | JapaneseDoublePostcard | A6  
| JapaneseEnvelopeKaku2 | JapaneseEnvelopeKaku3 | JapaneseEnvelopeChou3 |

JapaneseEnvelopeChou4 | LetterRotated | A3Rotated | A4Rotated | A5Rotated |  
B4JISRotated | B5JISRotated | JapanesePostcardRotated |  
JapaneseDoublePostcardRotated | A6Rotated | JapaneseEnvelopeKaku2Rotated |  
JapaneseEnvelopeKaku3Rotated | JapaneseEnvelopeChou3Rotated |  
JapaneseEnvelopeChou4Rotated | B6JIS | B6JISRotated | Sheet12x11 |  
JapaneseEnvelopeYou4 | JapaneseEnvelopeYou4Rotated | PRC16K | PRC32K |  
PRC32KBig | PRCEnvelope1 | PRCEnvelope2 | PRCEnvelope3 | PRCEnvelope4 |  
PRCEnvelope5 | PRCEnvelope6 | PRCEnvelope7 | PRCEnvelope8 | PRCEnvelope9 |  
PRCEnvelope10 | PRC16KRotated | PRC32KRotated | PRC32KBigRotated |  
PRCEnvelope1Rotated | PRCEnvelope2Rotated | PRCEnvelope3Rotated |  
PRCEnvelope4Rotated | PRCEnvelope5Rotated | PRCEnvelope6Rotated |  
PRCEnvelope7Rotated | PRCEnvelope8Rotated | PRCEnvelope9Rotated |  
PRCEnvelope10Rotated}] [-PrintTicketXml <String>] [-ThrottleLimit <Int32>]  
[-WhatIf] [<CommonParameters>]

Set-PrintConfiguration [-InputObject] <CimInstance> [-AsJob] [-CimSession  
<CimSession[]>] [-Confirm] [-ThrottleLimit <Int32>] [-WhatIf]  
[<CommonParameters>]

## DESCRIPTION

The Set-PrintConfiguration cmdlet sets the printer configuration for the specified printer. Using the Set-PrintConfiguration cmdlet, you can manage the configuration of the following features:

- Collate
- Color
- Duplexing Mode
- N-Up

- Paper Size

The Set-PrintConfiguration cmdlet also accepts print configuration objects by using the Get-PrintConfiguration cmdlet.

You cannot use wildcard characters with Set-PrintConfiguration . You can use Set-PrintConfiguration in a Windows PowerShell remoting session.

You need administrator credentials to use Set-PrintConfiguration .

## 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.

-Collate <Boolean>

Specifies whether to collate the output of the printer by default.

-Color <Boolean>

Specifies whether the printer should use either color or grayscale printing by default.

-ComputerName <String>

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

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-DuplexingMode <DuplexingModeEnum>

Specifies the duplexing mode the printer uses by default. The acceptable values for this parameter are:

- OneSided

- TwoSidedLongEdge

- TwoSidedShortEdge

-InputObject <CimInstance>

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

-PaperSize <PaperSizeEnum>

Specifies the paper size the printer uses by default. For valid values, see the Syntax section.

-PrintTicketXml <String>

Specifies the print ticket XML defining the default print settings for this printer.

-PrinterName <String>

Specifies the printer on which to set the configuration information.

-PrinterObject <CimInstance>

Specifies the object which contains the printer on which to change the configuration settings.

-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.

`-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 the default paper size -----

```
Set-PrintConfiguration -PrinterName "Microsoft XPS Document Writer" -PaperSize  
A4
```

This command sets the default paper size of the printer named Microsoft XPS Document Writer printer to A4.

Example 2: Set the default paper size using print configuration object

```
$PrintConfiguration = Get-PrintConfiguration -PrinterName "Microsoft XPS  
Document Writer"  
$PrintConfiguration.paperSize = A4  
Set-PrintConfiguration -InputObject $PrintConfiguration
```

The first command gets a printer configuration by using `Get-PrintConfiguration`. The command stores the result in the `$PrintConfiguration` variable.

The second command assigns the value A4 to the paperSize property of \$PrintConfiguration.

The final command sets the value of the printer configuration to the modified value of \$PrintConfiguration.

---- Example 3: Set the default paper size of all printers ----

```
$Printers = Get-Printer *  
Foreach ($Printer in $Printers){  
Set-PrintConfiguration -PrinterName $Printer.name -PaperSize A4}
```

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

#### REMARKS

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

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

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

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