



python



PowerShell

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PowerShell Get-Help on command 'Get-PrintConfiguration'

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

NAME

Get-PrintConfiguration

SYNOPSIS

Gets the configuration information of a printer.

SYNTAX

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

```
Get-PrintConfiguration [-PrinterObject] <CimInstance> [-AsJob] [-CimSession  
<CimSession[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-PrintConfiguration cmdlet gets the configuration information about the specified printer. Using Get-PrintConfiguration cmdlet, you can manage the configuration of the following features:

- Collate
- Color
- Duplexing Mode
- N-Up
- Paper Size

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

You do not need administrator credentials to run `Get-PrintConfiguration` .

PARAMETERS

`-AsJob [<SwitchParameter>]`

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

The cmdlet immediately returns an object that represents the job and then displays the command prompt. You can continue to work in the session while the job completes. To manage the job, use the ``*-Job`` cmdlets. To get the job results, use the `Receive-Job`

(<https://go.microsoft.com/fwlink/?LinkID=113372>)cmdlet.

For more information about Windows PowerShell background jobs, see `about_Jobs` (<https://go.microsoft.com/fwlink/?LinkID=113251>).

`-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 (/powershell/module/cimcmdlets/new-cimsession)` 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 configuration information.

-PrinterName <String>

Specifies the name of the printer from which to retrieve the configuration information.

-PrinterObject <CimInstance>

Specifies the object which contains the printer from which to retrieve configuration information.

-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 PowerShellr 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 the printer configuration -----

```
Get-PrintConfiguration -PrinterName "Microsoft XPS Document Writer"
```

This command returns the printer configuration for the printer named "Microsoft XPS Document Writer".

--- Example 2: Get the print configuration for all printers ---

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

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 Get-PrintConfiguration -examples".

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

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

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