Windows PowerShell Get-Help on Cmdlet 'Set-Printer'

PS:\>Get-HELP Set-Printer -Full

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.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-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.

Required?   false

Position?   named

Default value   None

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

-Comment <String>

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

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-ComputerName <String>

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

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-Confirm [<SwitchParameter>]

    Prompts you for confirmation before running the cmdlet.

    Required?   false

    Position?   named

    Default value   False

    Accept pipeline input?   False

    Accept wildcard characters? false

-Datatype <String>

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

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-DisableBranchOfficeLogging <Boolean>

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

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   False

Accept wildcard characters? false

-DriverName <String>

Specifies the name of the printer driver for the printer.

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-InputObject <CimInstance[]>

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

    Required?   true

    Position?   named

    Default value   None

    Accept pipeline input?   True (ByValue)

    Accept wildcard characters? false

-KeepPrintedJobs <Boolean>

Specifies whether the printer jobs in the queue are kept.

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-Location <String>

Specifies the location of the printer.

    Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Name <String[]>

Specifies the name of the printer to modify.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-PassThru [<SwitchParameter>]

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

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-PermissionSDDL <String>

Specifies the permissions for the printer as an SDDL string.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-PortName <String>

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

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-PrintProcessor <String>

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

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-Priority <UInt32>

    Specifies the relative queue priority.

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-Published <Boolean>

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

    Required?   false

    Position?   named

    Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-RenderingMode <RenderingModeEnum>

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

- SSR

- CSR

- BranchOffice

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-SeparatorPageFile <String>

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

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-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.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Shared <Boolean>

   Specifies whether the printer is shared.

   Required?   false

   Position?   named

   Default value   None

   Accept pipeline input?   False

   Accept wildcard characters? false

-StartTime <UInt32>

   Specifies the starting time of printer availability.

   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 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.

   Required?   false

   Position?   named

   Default value   None

   Accept pipeline input?   False

Accept wildcard characters? false

-UntilTime <UInt32>

   Specifies the ending time of printer availability.

   Required?   false

   Position?   named

   Default value   None

   Accept pipeline input?   False

   Accept wildcard characters? false

-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.

   Required?   false

   Position?   named

   Default value   None

   Accept pipeline input?   False

   Accept wildcard characters? false

-Confirm [<SwitchParameter>]

   Prompts you for confirmation before running the cmdlet.

   Required?   false

   Position?   named

   Default value   False

   Accept pipeline input?   False

   Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

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

Required?   false

Position?   named

Default value   False

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[]

  Microsoft.Management.Infrastructure.CimInstance[]

OUTPUTS

  Microsoft.Management.Infrastructure.CimInstance

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

    This cmdlet returns a printer object.

NOTES

--------- 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.

RELATED LINKS

Online   Version:
https://learn.microsoft.com/powershell/module/printmanagement/set-printer?view=windowsserver2022-ps&wt.mc_id=ps-get

help

Add-Printer

Get-Printer

Remove-Printer

Rename-Printer