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GET-PRINTERINFO

23/10/2018 by [STEPHANOS](#) — [LEAVE A COMMENT](#)

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Description

Get-PrinterInfo will provide you the information about a device connected to a computer running on a Microsoft Windows operating system that can produce a printed image or text on paper or other medium.

Note: You need to install SysInfo module in order for this cmdlet to be available. For more information, see [PowerShell Module SysInfo](#).

Syntax:

Get-PrinterInfo

```
[[-ComputerName] <String[]>]
[[-Protocol] <String>]
[[-Properties] <String[]>]
[<CommonParameters>]
```

Requirements

- SysInfo PowerShell Module
- WinRM Enabled and PowerShell 3.0 (only if you use WinRM protocol)

If you want to find more about the specific cmdlet while you are in PowerShell you can use the below to get the help file.

Code:

```
Get-Help Get-PrinterInfo
```

Output:

```
PS C:\Windows> Get-Help Get-PrinterInfo

NAME
    Get-PrinterInfo

SYNOPSIS
    Gets the information about a device connected to a computer
    running on a Microsoft Windows operating system that can produce
    a printed image or text on paper or other medium.

SYNTAX
    Get-PrinterInfo [[-ComputerName] <String[]>] [[-Protocol] <String>] [[-Properties] <String[]>] [<CommonParameters>]

DESCRIPTION
    Gets the information about a device connected to a computer
    running on a Microsoft Windows operating system that can produce
    a printed image or text on paper or other medium and converts
    all codes in results into human readable format.

RELATED LINKS
    https://www.sconstantinou.com/get-printerinfo

REMARKS
    To see the examples, type: "get-help Get-PrinterInfo -examples".
    For more information, type: "get-help Get-PrinterInfo -detailed".
    For technical information, type: "get-help Get-PrinterInfo -full".
    For online help, type: "get-help Get-PrinterInfo -online"
```

Now lets see few examples about **Get-PrinterInfo**.

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Examples

Example 1

This command gets the information from local system.

```
PS C:\> Get-PrinterInfo
```

```
Name           : Send To OneNote 2016
ShareName       :
PrinterState    :
PrinterStatus   : Idle
Location        :
```

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```
ShareName      :  
PrinterState   :  
PrinterStatus  : Idle  
Location       :  
SystemName     : LOCALPC
```

```
Name           : Microsoft XPS Document Writer  
ShareName      :  
PrinterState   :  
PrinterStatus  : Idle  
Location       :  
SystemName     : LOCALPC
```

```
Name           : Fax  
ShareName      :  
PrinterState   :  
PrinterStatus  : Idle  
Location       :  
SystemName     : LOCALPC
```

```
Name           : Adobe PDF  
ShareName      :  
PrinterState   :  
PrinterStatus  : Idle  
Location       :  
SystemName     : LOCALPC
```

Example 2

This command gets the information from Server1.

```
PS C:\> Get-PrinterInfo -ComputerName Server1
```

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```
PS C:\> Get-PrinterInfo -ComputerName "192.168.0.5"
```

Example 4

This command gets the information from Server1, Server2 and Server3.

```
PS C:\> Get-PrinterInfo -ComputerName Server1,Server2,Server3
```

Example 5

This command gets the information from Server1 and will output only Name and Status Properties.

```
PS C:\> Get-PrinterInfo -ComputerName Server1 -Properties Name
```



Example 6

This command gets the information from Server1 and will output all properties.

```
PS C:\> Get-PrinterInfo -ComputerName Server1 -Properties *
```

Example 7

This command gets the information from Server1.

```
PS C:\> "Server1" | Get-PrinterInfo
```

Example 8

This command gets the information from Server1 using DCOM protocol.

```
PS C:\> Get-PrinterInfo -ComputerName Server1 -Protocol DCOM
```

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- **-ComputerName**
 - Description: Specifies the computer names or IP Addresses of the systems that we want to get the information from.
 - Required: False
 - Position: 1
 - Default value: None
 - Accept pipeline input: True (ByValue)
 - Accept wildcard characters: False
- **-Protocol**
 - Description: Specifies the protocol that will be used to get the information from the remote system.
 - Accepted Values: DCOM or WinRM
 - Required: False
 - Position: 2
 - Default value: None
 - Accept pipeline input: False
 - Accept wildcard characters: False
- **-Properties**
 - Description: Specifies the object properties that appear in the display and the order in which they appear. Wildcards are permitted.
 - Required: False
 - Position: 3
 - Default value
 - Accept pipeline input: False
 - Accept wildcard characters: True

Inputs

System.Array.

Get-PrinterInfo can accept a string value to determine the ComputerName parameter.

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Get-PrinterInfo returns an object containing all the information that has been retrieved.

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Summary

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```
PS C:\Windows> Get-PrinterInfo
NAME
Get-PrinterInfo

SYNOPSIS
Gets the information about a device connected to a computer.
Printing on a Windows-based computer requires that the printer
be properly installed on the computer.

SYNTAX
Get-PrinterInfo [-ComputerName] <ComputerName> [-Protocol] <Protocol> [-Properties] <Properties> [-ComputerSystemInfo]

DESCRIPTION
Gets the information about a device connected to a computer.
Printing on a Windows-based computer requires that the printer
be properly installed on the computer.

RELATED LINKS
https://www.microsoft.com/windows/printerinfo

EXAMPLES
To use this cmdlet, type: "get-PrinterInfo -ComputerName"
For more information, type: "get-PrinterInfo -help"
For additional information, type: "get-PrinterInfo -help"
For online help, type: "get-PrinterInfo -online"
```

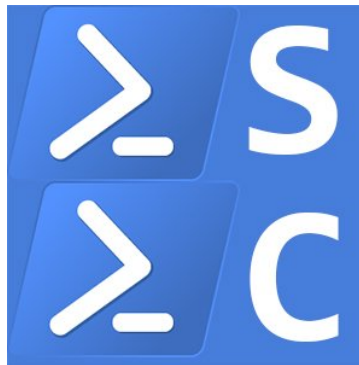
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