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GET-DESKTOPMONITOR

22/10/2018 by [STEPHANOS](#) — [LEAVE A COMMENT](#)

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Description

Get-DesktopMonitor will provide you the information about the type of monitor or display device attached to the computer system.

Hardware that is not compatible with Windows Display Driver Model (WDDM) returns inaccurate property values.

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

Syntax:

Get-DesktopMonitor

```
[[-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-DesktopMonitor

Output:

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

NAME
    Get-DesktopMonitor

SYNOPSIS
    Gets the type of monitor or display device attached to the
    computer system.

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

DESCRIPTION
    Gets the type of monitor or display device attached to the
    computer system and converts all codes in results into human
    readable format. Hardware that is not compatible with Windows
    Display Driver Model (WDDM) returns inaccurate property values.

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

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

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

[adinserteer name="In Article"]

Examples

Example 1

This command gets the information from local system.

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

Example 2

This command gets the information from Server1.

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

Example 3

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

Example 4

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

```
PS C:\> Get-DesktopMonitor -ComputerName Server1,Server2,Serve
```



Example 5

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

```
PS C:\> Get-DesktopMonitor -ComputerName Server1 -Properties N.
```



Example 6

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

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

Example 7

This command gets the information from Server1.

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

Example 8

This command gets the information from Server1 using DCOM protocol.

```
PS C:\> Get-DesktopMonitor -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-DesktopMonitor can accept a string value to determine the ComputerName parameter.

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

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Summary

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```
PS C:\Users\Stephanos> Get-DesktopMonitor

NAME
----
Get-DesktopMonitor

SYNOPSIS
Returns the type of monitor or display device attached to the
computer system.

PARAMETERS
-ComputerName [-ComputerName] <string> [[<optional> <string>] [-Property] <string>] [-Credential] <credential>

DESCRIPTION
Returns the type of monitor or display device attached to the
computer system. The command will return the type of the
monitor or display device that is not compatible with Windows
7. For example, if the monitor is not compatible with Windows
7, the command will return "HDMI" instead of "DVI-D".

RELATED LINKS
- https://www.constantinou.blog/get-desktopmonitor

EXAMPLES
To see the example, type "get-help Get-DesktopMonitor -examples".
For more information, type "get-help Get-DesktopMonitor -description".
For more information, type "get-help Get-DesktopMonitor -full".
For more information, type "get-help Get-DesktopMonitor -help".
```

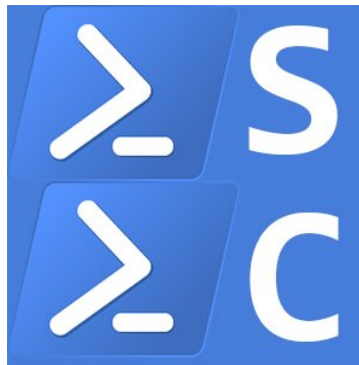
Article Name Get-DesktopMonitor

Description Get-DesktopMonitor. Here you will find information about Get-DesktopMonitor and its use.
Stephanos Constantinou Blog - PowerShell

Author Stephanos

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