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GET-DESKTOP

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

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Description

Get-Desktop will provide you the information of the common characteristics of a user's desktop.

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

Syntax:

Get-Desktop

```
[[ -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-Desktop

Output:

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

NAME
    Get-Desktop

SYNOPSIS
    Gets the information of the common characteristics of a user's
    desktop.

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

DESCRIPTION
    Gets the information of the common characteristics of a user's
    desktop and converts all codes in results into human readable
    format.

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

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

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

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Examples

Example 1

This command gets the information from local system.

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

```
SettingID           :
Name                 : NT AUTHORITY\SYSTEM
ScreenSaverActive    : False
ScreenSaverSecure    :
ScreenSaverTimeout   :
```

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Name : domain\user
ScreenSaverActive : False
ScreenSaverSecure :
ScreenSaverTimeout :
SystemName :

SettingID :
Name : .DEFAULT
ScreenSaverActive : False
ScreenSaverSecure :
ScreenSaverTimeout :
SystemName :

Example 2

Get the information from remote system using server name.

PS C:\> Get-Desktop -ComputerName Server1 | Format-Table

SettingID	Name	ScreenSaverActive	ScreenSaverSecure
-----	----	-----	-----
	NT AUTHORITY\SYSTEM	False	
	NT AUTHORITY\LOCAL SERVICE	False	
	NT AUTHORITY\NETWORK SERVICE	False	
	domain\user1	False	
	domain\user2	False	
	domain\user3	False	
	domain\user4	False	
	domain\user5	False	
	domain\user6	False	
	domain\user7	False	
	domain\user8	False	

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IIS APPPOOL\ .NET v4.5	False
IIS APPPOOL\ .NET v2.0	False
IIS APPPOOL\ .NET v4.5 Classic	False
IIS APPPOOL\ .NET v2.0 Classic	False
.DEFAULT	False

Example 3

This command gets the information from remote system with IP 192.168.0.5.

```
PS C:\> Get-Desktop -ComputerName "192.168.0.5" | Format-Table
```

SettingID	Name	ScreenSaverActive	S
-----	----	-----	-
	NT AUTHORITY\SYSTEM	False	
	NT AUTHORITY\LOCAL SERVICE	False	
	NT AUTHORITY\NETWORK SERVICE	False	
	domain\user1	False	
	domain\user2	False	
	domain\user3	False	
	domain\user4	False	
	domain\user5	False	
	domain\user6	False	
	domain\user7	False	
	domain\user8	False	
	domain\user9	False	
	Server1\Administrator	False	
	IIS APPPOOL\Classic .NET AppPool	False	
	IIS APPPOOL\ .NET v4.5	False	
	IIS APPPOOL\ .NET v2.0	False	
	IIS APPPOOL\ .NET v4.5 Classic	False	

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Example 4

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

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

Example 5

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

```
PS C:\> Get-Desktop -ComputerName "192.168.0.5","192.168.0.6",
```

Example 6

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

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

Example 7

This command gets the information from Server1.

```
PS C:\> "Server1" | Get-Desktop | Format-Table
```

SettingID	Name	ScreenSaverActive	Status
-----	----	-----	-
	NT AUTHORITY\SYSTEM	False	
	NT AUTHORITY\LOCAL SERVICE	False	
	NT AUTHORITY\NETWORK SERVICE	False	
	domain\user1	False	
	domain\user2	False	

domain\user6	False
domain\user7	False
domain\user8	False
domain\user9	False
Server1\Administrator	False
IIS APPPOOL\Classic .NET AppPool	False
IIS APPPOOL\ .NET v4.5	False
IIS APPPOOL\ .NET v2.0	False
IIS APPPOOL\ .NET v4.5 Classic	False
IIS APPPOOL\ .NET v2.0 Classic	False
.DEFAULT	False

Example 8

This command gets the information from Server1 using DCOM protocol.

```
PS C:\> Get-Desktop -ComputerName Server1 -Protocol DCOM | ForEach-Object {
```

SettingID	Name	ScreenSaverActive	ScreenSaverName
-----	----	-----	-----
	NT AUTHORITY\SYSTEM	False	
	NT AUTHORITY\LOCAL SERVICE	False	
	NT AUTHORITY\NETWORK SERVICE	False	
	domain\user1	False	
	domain\user2	False	
	domain\user3	False	
	domain\user4	False	
	domain\user5	False	
	domain\user6	False	
	domain\user7	False	
	domain\user8	False	

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IIS APPPOOL\ .NET v4.5	False
IIS APPPOOL\ .NET v2.0	False
IIS APPPOOL\ .NET v4.5 Classic	False
IIS APPPOOL\ .NET v2.0 Classic	False
.DEFAULT	False

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Optional Parameters

- **-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

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Inputs

System.Array.

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

Outputs

System.Object.

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

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- PowerShell Module SysInfo

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Summary

```
PS C:\Windows> Get-Help Get-Desktop
NAME
    Get-Desktop
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    Gets the information of the common characteristics of a user's
    desktop.
SYNTAX
    Get-Desktop [-ComputerName] <string> [-Protocol] <string> [-Properties] <string> [-CommonParameters]
DESCRIPTION
    Gets the information of the common characteristics of a user's
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```

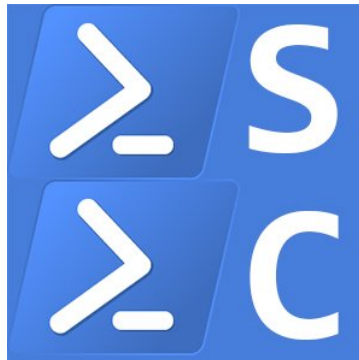
Article Name Get-Desktop

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

Author Stephanos

Publisher Name Stephanos Constantinou Blog

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