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GET-COMPACTDISC

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

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Description

Get-CompactDisc will provide you the information of a data source that resolves to an actual local storage device, that is compact disc type, on a computer system running Windows.

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

Syntax:

Get-CompactDisc

```
[[-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-CompactDisc

Output:

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

NAME
    Get-CompactDisc

SYNOPSIS
    Gets the information of a data source that resolves to an actual
    local storage device, that is compact disc type, on a computer
    system running Windows.

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

DESCRIPTION
    Gets the information of a data source that resolves to an actual
    local storage device, that is compact disc type, on a computer
    system running Windows and converts all codes in results into
    human readable format.

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

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

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

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Examples

Example 1

This command gets the information from local system.

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

```
DeviceID           : D:
DriveType           : Compact Disc
ProviderName        :
VolumeName          :
Size                :
```

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Example 2

This command gets the information from Server1.

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

```
DeviceID           : D:
DriveType           : Compact Disc
ProviderName        :
VolumeName          :
Size                :
FreeSpace            :
FreeSpacePercentage :
SystemName          : Server1
```

Example 3

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

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

```
DeviceID           : D:
DriveType           : Compact Disc
ProviderName        :
VolumeName          :
Size                :
FreeSpace            :
FreeSpacePercentage :
SystemName          : Server1
```

Example 4

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

```
DeviceID           : D:
DriveType           : Compact Disc
ProviderName        :
VolumeName          :
Size                :
FreeSpace           :
FreeSpacePercentage :
SystemName          : Server1
```

```
DeviceID           : D:
DriveType           : Compact Disc
ProviderName        :
VolumeName          :
Size                :
FreeSpace           :
FreeSpacePercentage :
SystemName          : Server2
```

```
DeviceID           : D:
DriveType           : Compact Disc
ProviderName        :
VolumeName          :
Size                :
FreeSpace           :
FreeSpacePercentage :
SystemName          : Server3
```

Example 5

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

Example 6

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

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

Caption	: D:
Description	: CD-ROM Disc
InstallDate	:
Name	: D:
Status	:
Availability	:
ConfigManagerErrorCode	:
ConfigManagerUserConfig	:
DeviceID	: D:
ErrorCleared	:
ErrorDescription	:
LastErrorCode	:
PowerManagementCapabilities	:
PowerManagementSupported	:
StatusInfo	:
SystemName	: Server1
Access	:
BlockSize	:
ErrorMethodology	:
NumberOfBlocks	:
Purpose	:
FreeSpace	:
Size	:

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```

MediaType           : Removable media other than floppy
ProviderName         :
QuotasDisabled       :
QuotasIncomplete     :
QuotasRebuilding     :
SupportsDiskQuotas   :
SupportsFileBasedCompression :
VolumeDirty          :
VolumeName           :
VolumeSerialNumber   :
FreeSpacePercentage   :
UsedSpacePercentage   :
SizeKB               :
SizeMB               :
SizeGB               :
FreeSpaceKB          :
FreeSpaceMB          :
FreeSpaceGB          :

```

Example 7

This command gets the information from Server1.

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

```

DeviceID            : D:
DriveType           : Compact Disc
ProviderName        :
VolumeName          :
Size                :
FreeSpace            :

```

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This command gets the information from Server1 using DCOM protocol.

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

```
DeviceID           : D:
DriveType           : Compact Disc
ProviderName        :
VolumeName          :
Size                :
FreeSpace            :
FreeSpacePercentage :
SystemName          : Server1
```

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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

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

Outputs

System.Object.

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

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Summary

```
PS C:\Windows> Get-Help Get-CompactDisc
NAME
    Get-CompactDisc
SYNOPSIS
    Get the information of a data source that resolves to an actual
    host. For example, when you connect this topic, on a computer
    system running Windows...
SYNTAX
    Get-CompactDisc [[ComputerName] <string>] [[Protocol] <string>] [[Properties] <string[]>] [[ComputerSystem] <string>]
DESCRIPTION
    Get the information of a data source that resolves to an actual
    host. For example, when you connect this topic, on a computer
    system running Windows and connects all nodes to results into
    a single table.
RELATED LINKS
    https://www.constantinou.com/get-compactdisc
EXAMPLES
    For the example, type: "Get-Help Get-CompactDisc -compact".
    For more information, type: "Get-Help Get-CompactDisc -compact".
    For additional information, type: "Get-Help Get-CompactDisc -full".
    For online help, type: "Get-Help Get-CompactDisc -online".
```

Article Name Get-CompactDisc

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

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