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GET-BUS

22/10/2018 by STEPHANOS - LEAVE A COMMENT

## Description

Get-Bus will provide you the information of a physical bus as seen by a computer running a Windows operating system.

**Note:** You need to install SysInfo module in order for this cmdlet to be available. For more information, see PowerShell Module SysInfo.

Syntax:

```
Get-Bus
```

```
[[-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-Bus

Output:

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

NAME
Get-Bus

SYNOPSIS
Gets the information of a physical bus as seen by a computer running a Windows operating system.

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

DESCRIPTION
Gets the information of a physical bus as seen by a computer running a Windows operating system and converts all codes in results into human readable format.

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

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

bus

Now lets see few examples about Get-Bus.

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## Examples

#### Example 1

This command gets the information from local system.

PS C:\> Get-Bus

Name : Bus

DeviceID : PNP BUS 0

BusNum : 0

DeviceID : ACPIBus\_BUS\_0

BusNum : 0

BusType : Invalid Code

SystemName : LOCALPC

Name : Bus

DeviceID : PCI\_BUS\_0

BusNum : 0

BusType : PCI Bus SystemName : LOCALPC

Name : Bus

DeviceID : PNP\_BUS\_3

BusNum : 3

BusType : PNP Bus SystemName : LOCALPC

Name : Bus

DeviceID : PCI\_BUS\_3

BusNum : 3

BusType : PCI Bus SystemName : LOCALPC

Name : Bus

DeviceID : PNP\_BUS\_7

BusNum : 7

BusType : PNP Bus SystemName : LOCALPC

Name : Bus

DeviceID : PNP\_BUS\_2

DeviceID : PNP\_BUS\_1

BusNum : 1

BusType : PNP Bus

SystemName : LOCALPC

Name : Bus

DeviceID : PNP\_BUS\_5

BusNum : 5

BusType : PNP Bus
SystemName : LOCALPC

Name : Bus

DeviceID : PNP BUS 4

BusNum : 4

BusType : PNP Bus SystemName : LOCALPC

Name : Bus

DeviceID : PNP\_BUS\_6

BusNum : 6

BusType : PNP Bus SystemName : LOCALPC

#### Example 2

This command gets the information from Server 1.

PS C:\> Get-Bus -ComputerName Server1

Name : Bus

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DeviceID : PNP\_BUS\_0

BusNum : 0

BusType : PNP Bus
SystemName : Server1

### Example 3

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

PS C:\> Get-Bus -ComputerName "192.168.0.5"

Name : Bus

DeviceID : ACPIBus\_BUS\_0

BusNum : 0

BusType : Invalid Code

SystemName : Server1

Name : Bus

DeviceID : PNP BUS 0

BusNum : 0

BusType : PNP Bus
SystemName : Server1

### Example 4

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

PS C:\> Get-Bus -ComputerName Server1, Server2, Server3 | Format

ACPIBus\_BUS\_0 0 Invalid Code Server1 Bus Bus PNP\_BUS\_0 0 PNP Bus Server2 PCI BUS 0 Server2 Bus 0 PCI Bus PNP BUS 0 Server3 Bus 0 PNP Bus PCI BUS 0 Server3 Bus 0 PCI Bus Bus PNP BUS 0 0 PNP Bus Server1

### Example 5

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

### PS C:\> Get-Bus Server1 -Properties Name, Status

Name Status
---Bus
Bus

#### Example 6

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

PS C:\> Get-Bus Server1 -Properties \*

Caption : Bus
Description : Bus

InstallDate :

Name : Bus

Status : Availability :

ErrorCleared :
ErrorDescription :
LastErrorCode :
PowerManagementCapabilities :
PowerManagementSupported :
StatusInfo :

SystemName : Server1

BusNum : 0

BusType : Invalid Code

Caption : Bus
Description : Bus

InstallDate :

Name : Bus

Status :

Availability :

ConfigManagerErrorCode :

ConfigManagerUserConfig :

DeviceID : PNP BUS 0

ErrorCleared :
ErrorDescription :
LastErrorCode :
PowerManagementCapabilities :
PowerManagementSupported :
StatusInfo :

SystemName : Server1

BusNum : 0

BusType : PNP Bus

#### Example 7

This command gets the information from Server1.

DeviceID : ACPIBus\_BUS\_0

BusNum : 0

BusType : Invalid Code

SystemName : Server1

Name : Bus

DeviceID : PNP\_BUS\_0

BusNum : 0

BusType : PNP Bus
SystemName : Server1

## Example 8

This command gets the information from Server1 using DCOM protocol.

PS C:\> Get-Bus -ComputerName Server1 -Protocol DCOM

Name : Bus

DeviceID : ACPIBus BUS 0

BusNum : 0

BusType : Invalid Code

SystemName : Server1

Name : Bus

DeviceID : PNP\_BUS\_0

BusNum : 0

BusType : PNP Bus
SystemName : Server1

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

## Outputs

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

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## Related Links

- Get-1394Controller
- Get-BaseBoard
- Get-Battery
- Get-BIOS
- Get-CacheMemory
- Get-CDROMDrive
- Get-CompactDisc
- Get-Desktop
- Get-DesktopMonitor
- Get-DiskDrive
- Get-DiskPartition
- Get-Fan
- Get-FloppyController
- Get-FloppyDrive
- Get-GlidePoint
- Get-HeatPipe
- Get-IDEController
- Get-InfraredDevice
- Get-Keyboard
- Get-LocalDisk
- Get-LogicalDisk
- Get-MemoryArray
- Get-MemoryDevice
- Get-MotherboardDevice
- Get-Mouse
- Cat Nativarly Adaptor

- Get-OpticalSensor
- Get-PhysicalMemory
- Get-PhysicalMemoryArray
- Get-PointingDevice
- Get-PortableBattery
- Get-PrinterConfiguration
- Get-PrinterInfo
- Get-Processor
- Get-RAMDisk
- Get-Refrigeration
- Get-RemovableDisk
- Get-SCSIController
- Get-SoundDevice
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- Get-TapeDrive
- Get-TemperatureProbe
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- Get-VoltageProbe
- PowerShell Gallery | SysInfo
- GitHub SConstantinou/SysInfo
- PowerShell Module SysInfo

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Summary



Article Name Get-Bus

**Description** Get-Bus. Here you will find information about Get-

Bus and its use. Stephanos Constantinou Blog -

PowerShell Scripting

**Author** Stephanos

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