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GET-PHYSICALMEMORY

23/10/2018 by STEPHANOS - LEAVE A COMMENT

Description

Get-PhysicalMemory will provide you the information about a physical memory device located on a computer system and available to the 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-PhysicalMemory
    [[-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-PhysicalMemory

Output:

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

NAME
Get-PhysicalMemory

SYNOPSIS
Gets the information about a physical memory device located on a computer system and available to the operating system.

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

DESCRIPTION
Gets the information about a physical memory device located on a computer system and available to the operating system and converts all codes in results into human readable format.

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

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

Now lets see few examples about Get-PhysicalMemory.

[adinserter name="In Article"]

Examples

Example 1

This command gets the information from local system.

PS C:\> Get-PhysicalMemory

Name : Physical Memory

PartNumber : KHX1600C9D3/8GX

SerialNumber : 6C107673

Speed : 1333

DeviceLocator : DIMM1

Manufacturer · Kingston

Name : Physical Memory
PartNumber : KHX1600C9D3/8GX

SerialNumber : 65107E73

Speed : 1333

DeviceLocator : DIMM3

Manufacturer : Kingston

Tag : Physical Memory 1

SystemName :

Example 2

This command gets the information from Server1.

PS C:\> Get-PhysicalMemory -ComputerName Server1

Example 3

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

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

Example 4

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

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

Example 5

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

PS C:\> Get-PhysicalMemory -ComputerName Server1 -Properties N

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

PS C:\> Get-PhysicalMemory -ComputerName Server1 -Properties *

Example 7

This command gets the information from Server1.

PS C:\> "Server1" | Get-PhysicalMemory

Example 8

This command gets the information from Server1 using DCOM protocol.

PS C:\> Get-PhysicalMemory -ComputerName Server1 -Protocol DCO

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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

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

Outputs

System.Object.

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

[adinserter name="In Article"]

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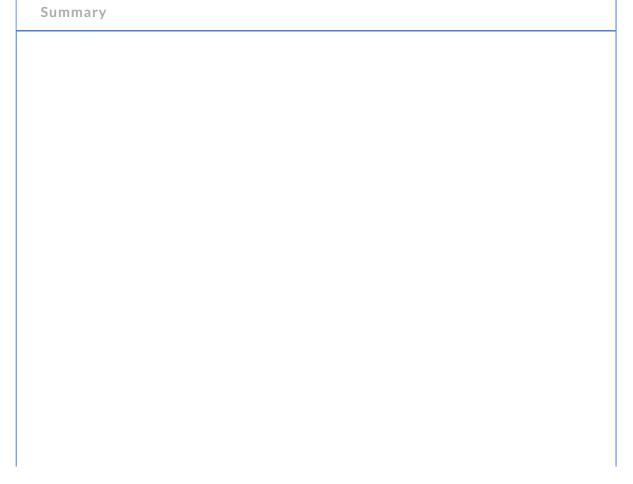
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- Get-BaseBoard
- Get-Battery
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- Get-Desktop
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- Get-DiskDrive
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- Get-Fan
- Get-FloppyController
- Get-FloppyDrive
- Get-GlidePoint
- Get-HeatPipe
- Get-IDEController
- Get-InfraredDevice
- Get-Keyboard
- Get-LocalDisk
- Get-LogicalDisk
- Get-MemoryArray
- Get-MemoryDevice
- Get-MotherboardDevice
- Get-Mouse
- Get-NetworkAdapter
- Get-NetworkAdapterConfiguration
- Get-NetworkDrive
- Get-OperatingSystem
- Get-OpticalSensor
- Get-PhysicalMemoryArray
- Get-PointingDevice
- Get-PortableBattery
- Get-PrinterConfiguration
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Article Name Get-Physical Memory

Description Get-Physical Memory. Here you will find

information about Get-PhysicalMemory and its use.

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