GET-PHYSICALMEMORYARRAY

23/10/2018 by STEPHANOS — LEAVE A COMMENT

Description

Get-PhysicalMemoryArray will provide you the information about the computer system physical memory.

Output includes the number of memory devices, memory capacity available, and memory type.

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

Syntax:

```
Get-PhysicalMemoryArray
    [[-ComputerName] <String[]>]
    [[-Protocol] <String>]
    [[-Properties] <String[]>]
    [<CommonParameters>]
```

Requirements

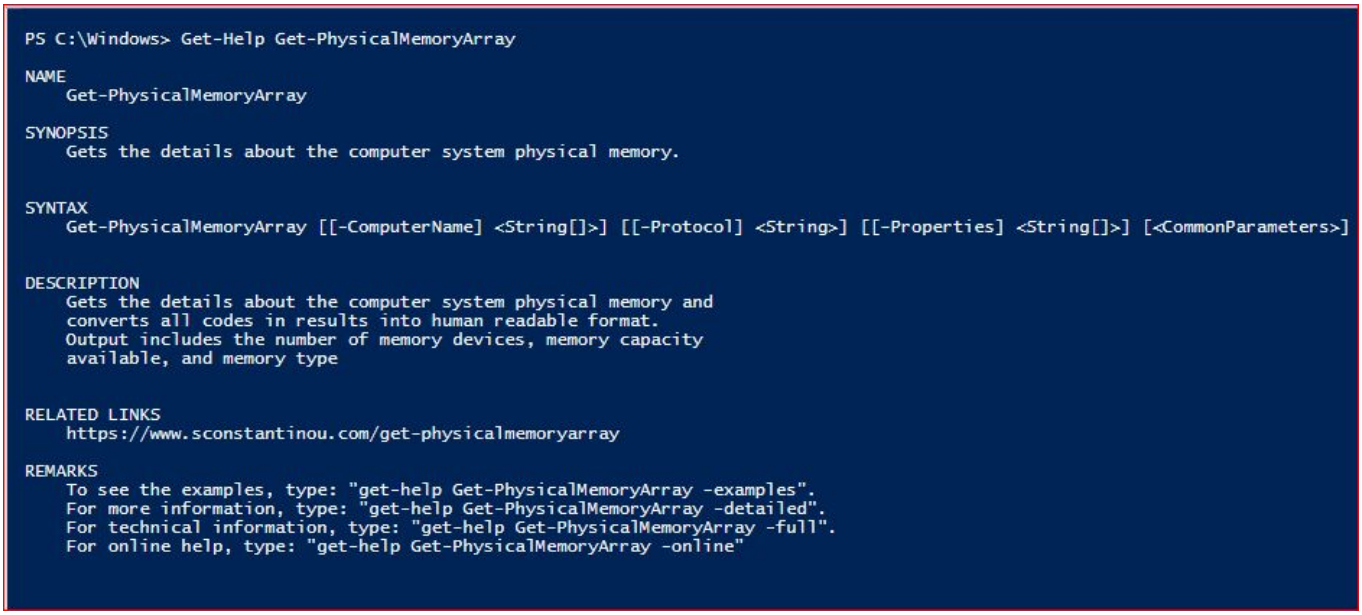
- SysInfo PowerShell Module
- WinRM Enabled and PowerShell 3.0 (only if you use WinRM protocol)

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-PhysicalMemoryArray
```

Output:



Now lets see few examples about `Get-PhysicalMemoryArray`.

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Examples

Example 1

This command gets the information from local system.

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

```
Name            : Physical Memory Array
MemoryDevices   : 2
MaxCapacity     : 16777216
Model           :
Tag             : Physical Memory Array 0
```

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

Example 3

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

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

Example 4

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

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

Example 5

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

```
PS C:\> Get-PhysicalMemoryArray -ComputerName Server1 -Propert
```

Example 6

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

```
PS C:\> Get-PhysicalMemoryArray -ComputerName Server1 -Propert
```

Example 7

This command gets the information from Server1.

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

```
PS C:\> Get-PhysicalMemoryArray -ComputerName Server1 -Protoco
```

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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
  - Accept pipeline input: False
  - Accept wildcard characters: True

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

Outputs

System.Object.

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

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- Get-DiskPartition
- Get-Fan
- Get-FloppyController
- Get-FloppyDrive
- Get-GlidePoint
- Get-HeatPipe
- Get-IDEController
- Get-InfraredDevice

- Get-MemoryArray
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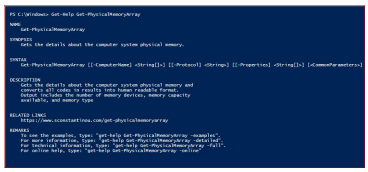
- PowerShell Gallery | SysInfo 1.0.0
- GitHub – SConstantinou/SysInfo

Summary



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