



python



PowerShell

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### ***PowerShell Get-Help on command 'Get-PmemPhysicalDevice'***

***PS C:\Users\wahid> Get-Help Get-PmemPhysicalDevice***

#### NAME

Get-PmemPhysicalDevice

#### SYNOPSIS

Gets the physical devices associated with persistent memory.

#### SYNTAX

Get-PmemPhysicalDevice [[-DeviceId] <String[]>] [<CommonParameters>]

Get-PmemPhysicalDevice [-DiskNumber <UInt32>] [<CommonParameters>]

Get-PmemPhysicalDevice [-InputObject <CimInstance>] [<CommonParameters>]

Get-PmemPhysicalDevice [-LogicalDisk <PmemDisk>] [<CommonParameters>]

#### DESCRIPTION

The Get-PmemPhysicalDevice cmdlet gets the physical devices associated with persistent memory.

## PARAMETERS

-DeviceId <String[]>

Specifies the device ID of the physical device to get.

-DiskNumber <UInt32>

Specifies the disk number of persistent memory disk. The cmdlet gets the physical device for that disk.

-InputObject <CimInstance>

Specifies the input object that is used in a pipeline command.

-LogicalDisk <PmemDisk>

Specifies a logical persistent memory disk. The cmdlet gets the physical device for that disk.

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about\\_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

- Example 1: Get physical devices that have persistent memory -

Get-PmemPhysicalDevice

| DeviceId | DeviceType | HealthStatus | OperationalStatus | PhysicalLocation | FirmwareRevision | Persistent memory size | Volatile |
|----------|------------|--------------|-------------------|------------------|------------------|------------------------|----------|
|----------|------------|--------------|-------------------|------------------|------------------|------------------------|----------|

memory size

-----

1020 Intel INVDIMM device Healthy {Ok} CPU2\_DIMM\_C1

```

102005310    126 GB    0 GB
1120 Intel INVDIMM device Healthy {Ok} CPU2_DIMM_F1
102005310    126 GB    0 GB
120 Intel INVDIMM device Healthy {Ok} CPU1_DIMM_F1
102005310    126 GB    0 GB
20 Intel INVDIMM device Healthy {Ok} CPU1_DIMM_C1
102005310    126 GB    0 GB

```

This command gets all the physical devices with persistent memory.

- Example 2: Get physical device for a persistent memory disk -

```
(Get-PmemDisk)[0] | Get-PmemPhysicalDevice
```

```

DeviceId DeviceType      HealthStatus OperationalStatus PhysicalLocation
FirmwareRevision Persistent memory size Volatile memory size
-----
-----
-----
20 Intel INVDIMM device Healthy {Ok} CPU1_DIMM_C1
102005310 126 GB 0 GB
120 Intel INVDIMM device Healthy {Ok} CPU1_DIMM_F1
102005310 126 GB 0 GB

```

This example uses the Get-PmemDisk cmdlet to get a persistent memory disk and gets the physical device for that disk.

#### REMARKS

To see the examples, type: "get-help Get-PmemPhysicalDevice -examples".

For more information, type: "get-help Get-PmemPhysicalDevice -detailed".

For technical information, type: "get-help Get-PmemPhysicalDevice -full".

For online help, type: "get-help Get-PmemPhysicalDevice -online"