



python



PowerShell

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PowerShell Get-Help on command 'Get-PmemDisk'

PS C:\Users\wahid> Get-Help Get-PmemDisk

NAME

Get-PmemDisk

SYNOPSIS

Gets persistent memory disks.

SYNTAX

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

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

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

Get-PmemDisk [-PhysicalDeviceId <String[]>] [<CommonParameters>]

DESCRIPTION

The Get-PmemDisk cmdlet gets persistent memory disks. You can get disks by number or physical device.

PARAMETERS

-DiskNumber <UInt32[]>

Specifies the disk number of persistent memory disk to get.

-InputObject <CimInstance>

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

-PhysicalDevice <PmemPhysicalDevice>

Specifies a physical disk. The cmdlet gets persistent memory disks on the physical disk.

-PhysicalDeviceId <String[]>

Specifies the ID of a physical disk. The cmdlet gets persistent memory disks on the physical 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 persistent memory disks -----

Get-PmemDisk

DiskNumber Size HealthStatus AtomicityType CanBeRemoved PhysicalDeviceIds
UnsafeShutdownCount

```
-----  
-----  
2      252 GB Healthy   None    True    {20, 120}    0  
3      252 GB Healthy   None    True    {1020, 1120} 0
```

This example gets all persistent memory disks.

----- Example 2: Get persistent memory disk by number -----

```
Get-PmemDisk -DiskNumber 2
```

```
DiskNumber Size HealthStatus AtomicityType CanBeRemoved PhysicalDeviceIds
UnsafeShutdownCount
```

```
-----
-----
```

```
2      252 GB Healthy    None      True      {20, 120}    0
```

This example gets the specified persistent memory disk.

----- Example 3: Get physical disk information -----

```
Get-PmemDisk | Get-PhysicalDisk | select SerialNumber, HealthStatus,
OperationalStatus, OperationalDetails
```

```
SerialNumber      HealthStatus OperationalStatus OperationalDetails
```

```
-----
```

```
802c-01-1602-117cb5fc    Healthy    OK
802c-01-1602-117cb64f    Warning    Predictive Failure {Threshold
Exceeded,NVDIMM_N Error}
```

This example gets persistent memory disks. It then gets the physical disks that host them and uses the select command to display serial number, health status, and operational information.

REMARKS

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

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

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

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