



Full credit is given to all the above companies including the Operating System that this PDF file was generated!

Windows PowerShell Get-Help on Cmdlet 'Get-PmemDisk'

PS:\>Get-HELP Get-PmemDisk -Full

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.

Required? false

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <CimInstance>

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

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-PhysicalDevice <PmemPhysicalDevice>

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

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-PhysicalDeviceId <String[]>

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

Required? false

Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

<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>).

INPUTS

Microsoft.Storage.PersistentMemory.Management.PmemPhysicalDevice

Microsoft.Management.Infrastructure.CimInstance

OUTPUTS

System.Object

NOTES

----- Example 1: Get persistent memory disks -----

Get-PmemDisk

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

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
```

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.

RELATED LINKS

	Online	Version:
https://learn.microsoft.com/powershell/module/persistentmemory/get-pmemdisk?view=windowsserver2022-ps&wt.mc_id=ps-gethelp		
Get-PhysicalDisk		
		Page 4/5

New-PmemDisk

Remove-PmemDisk