



Windows PowerShell Get-Help on Cmdlet 'Initialize-PmemPhysicalDevice'

PS:\>Get-HELP Initialize-PmemPhysicalDevice -Full

NAME

Initialize-PmemPhysicalDevice

SYNOPSIS

Initializes the label storage area on a physical persistent memory device.

SYNTAX

Initialize-PmemPhysicalDevice -DeviceId <String> [-Force] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Initialize-PmemPhysicalDevice cmdlet initializes the label storage area on a physical persistent memory device.

Each persistent memory module contains a label storage area that stores configuration metadata. The cmdlet can clear corrupted label storage information on the devices.

This cmdlet causes data loss in persistent memory. Use it only as a last resort to fix persistent memory issues.

PARAMETERS

-DeviceId <String>

Specifies the device ID of the device to initialize.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-Force [<SwitchParameter>]

Indicates that the command initializes the device without verification. Removing a disk results in data loss.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named
Default value False
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

System.String

OUTPUTS

System.Object

NOTES

----- Example 1: Initialize physical devices -----

Get-PmemPhysicalDevice | Initialize-PmemPhysicalDevice

This will initialize the label storage area on the physical persistent memory device(s) and will result in data loss.

Initializes the physical persistent memory device(s)?

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "Y"): A

Initializing the physical persistent memory device. This may take a few moments.

Initializing the physical persistent memory device. This may take a few moments.

Initializing the physical persistent memory device. This may take a few moments.

Initializing the physical persistent memory device. This may take a few moments.

This command initializes the label storage areas on the physical persistent memory devices. The command can clear corrupted label storage information on the devices.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/persistentmemory/initialize-pmemphysicaldevice?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-PmemPhysicalDevice

New-PmemDisk