



Windows PowerShell Get-Help on Cmdlet 'Dismount-DiskImage'

PS:\>Get-HELP Dismount-DiskImage -Full

NAME

Dismount-DiskImage

SYNOPSIS

Dismounts a disk image (virtual hard disk or ISO) so that it can no longer be accessed as a disk.

SYNTAX

Dismount-DiskImage [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -DevicePath <String[]> [-StorageType {Unknown | ISO | VHD | VHDX | VHDSets}] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Dismount-DiskImage [-ImagePath] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-StorageType {Unknown | ISO | VHD | VHDX | VHDSets}] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Dismount-DiskImage [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]> [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Dismount-DiskImage cmdlet dismounts a disk image (virtual hard disk or ISO) so that it can no longer be accessed as a disk. This cmdlet requires either the full image path of the ISO or VHD file, or the device path.

To eject a VHD file, administrator privilege is required. Administrator privilege is not needed to eject an ISO file on Windows 8. On Windows Server 2012, only an administrator is allowed to mount or eject ISO file.

PARAMETERS

-AsJob [**<SwitchParameter>**]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-CimSession **<CimSession[]>**

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a `New-CimSession`

(<https://go.microsoft.com/fwlink/p/?LinkId=227967>) or

[`Get-CimSession`](<https://go.microsoft.com/fwlink/p/?LinkId=227966>) cmdlet. The default is the current session on the local computer.

Required? false

Position? named

Default value None

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

-DevicePath <String[]>

Specifies the device path of the ISO/VHD file. You cannot use this parameter with the ImagePath parameter.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-ImagePath <String[]>

Specifies the path of the ISO or VHD file. You cannot use this parameter with the DevicePath parameter.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByPropertyName, ByValue)
Accept wildcard characters?	false

-InputObject <CimInstance[]>

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

Required?	true
Position?	named
Default value	None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-StorageType <StorageType>

Specifies the storage type of a file: ISO, VHD, VHDx, or Unknown. If the StorageType parameter is not specified or the Unknown type is provided, the storage type is determined by file extension.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then

Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit

applies only to the current cmdlet, not to the session or to the computer.

Required? false

Position? named

Default value None

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_DiskImage

You can pipe a DiskImage object to the InputObject parameter.

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_DiskImage

If you specify the PassThru parameter, this cmdlet outputs an object that represents the disk image that you dismounted.

NOTES

* When used in Failover Cluster, cmdlets from the Storage module operate on cluster level (all servers in the cluster).

----- Example 1: Dismount a disk image by path -----

```
PS C:\>Dismount-DiskImage -ImagePath "E:\ISO-Files\My US Visit Fall 2010 Pictures.iso"
```

This example ejects an ISO named My US Visit Fall 2010 Pictures by specifying the image path at E:\ISO-Files.

----- Example 2: Dismount a disk image by device path -----

```
PS C:\>Dismount-DiskImage -DevicePath \\.\CDROM1
```

This example ejects an ISO by specifying device path for cdrom1. Refer to the Get-DiskImage cmdlet to learn how to find the device path of an ISO or VHD file.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/storage/dismount-diskimage?view=windowsserver2022-ps&wt.mc_id=ps-get
help

Get-DiskImage

Mount-DiskImage