



### *Windows PowerShell Get-Help on Cmdlet 'Update-Disk'*

***PS:\>Get-HELP Update-Disk -Full***

#### NAME

Update-Disk

#### SYNOPSIS

Updates cached information about the specified Disk object only

#### SYNTAX

```
Update-Disk [-AsJob] [-CimSession <CimSession[]>] [-FriendlyName <String[]>] [-PassThru] [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

```
Update-Disk [-AsJob] [-CimSession <CimSession[]>] -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

```
Update-Disk [-Number] <UInt32[]> [-AsJob] [-CimSession <CimSession[]>] [-PassThru] [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

```
Update-Disk [-AsJob] [-CimSession <CimSession[]>] [-PassThru] -Path <String[]> [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

Update-Disk [-AsJob] [-CimSession <CimSession[]>] [-PassThru] [-ThrottleLimit <Int32>] -UniqueId <String[]>  
[<CommonParameters>]

## DESCRIPTION

The Update-Disk cmdlet updates cached information about the specified Disk object only.

## 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

-FriendlyName <String[]>

Specifies a friendly name for a disk. The friendly name may be defined by a user and is not guaranteed to be unique.

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

**-Number <UInt32[]>**

Specifies a disk number on which the cmdlet acts.

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

**-PassThru [<SwitchParameter>]**

Sends items from the interactive window down the pipeline as input to other cmdlets. By default, this cmdlet does not generate any output.

To send items from the interactive window down the pipeline, click to select the items and then click OK. Shift-click and Ctrl-click are supported.

Required? false  
Position? named  
Default value False  
Accept pipeline input? False  
Accept wildcard characters? false

**-Path <String[]>**

Contains valid path information.

Required? true  
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

**-UniqueId <String[]>**

Specifies an ID used to uniquely identify a Disk object in the system. The ID persists through restarts.

Required? true

Position?            named  
Default value        None  
Accept pipeline input?    True (ByPropertyName)  
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\_Disk

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (`#`) provides the namespace and class name for the underlying WMI object.

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT\_Disk

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (`#`) provides the namespace and class name for the underlying WMI object.

NOTES

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

----- EXAMPLE 1 -----

This example refreshes cached information about the specified disk.

#### RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/storage/update-disk?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/storage/update-disk?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

Clear-Disk

Get-Disk

Initialize-Disk

Set-Disk