



Windows PowerShell Get-Help on Cmdlet 'Add-PartitionAccessPath'

PS:\>Get-HELP Add-PartitionAccessPath -Full

NAME

Add-PartitionAccessPath

SYNOPSIS

Adds an access path such as a drive letter or folder to a partition.

SYNTAX

```
Add-PartitionAccessPath [[-AccessPath] <String>] [-AsJob] [-AssignDriveLetter] [-CimSession <CimSession[]>] [-Confirm]
-DiskId <String[]> -Offset <UInt64[]>
[-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Add-PartitionAccessPath [-DiskNumber] <UInt32[]> [-PartitionNumber] <UInt32[]> [[-AccessPath] <String>] [-AsJob]
[-AssignDriveLetter] [-CimSession <CimSession[]>]
[-Confirm] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Add-PartitionAccessPath [[-AccessPath] <String>] [-AsJob] [-AssignDriveLetter] [-CimSession <CimSession[]>] [-Confirm]
-DriveLetter <Char[]> [-PassThru]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

```
Add-PartitionAccessPath [[-AccessPath] <String>] [-AsJob] [-AssignDriveLetter] [-CimSession <CimSession[]>] [-Confirm]
-InputObject <CimInstance[]> [-PassThru]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Add-PartitionAccessPath cmdlet adds an access path such as a drive letter or folder to a partition. Access paths can be either a drive letter or a mount point.

PARAMETERS

-AccessPath <String>

Assigns an access path to the partition. An access path can be a drive letter (for example, "C:" or "C:\") or a path to an empty directory on an NTFS volume. The

access path string does not require a trailing backslash.

Required? false

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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

-AssignDriveLetter [<SwitchParameter>]

Assigns the next available drive letter to the new partition.

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

-DiskId <String[]>

Specifies an ID used to identify a disk in the system.

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

-DiskNumber <UInt32[]>

Specifies an array of disk numbers.

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

-DriveLetter <Char[]>

Specifies a letter used to identify a drive or volume in the system.

Required? true
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

-Offset <UInt64[]>

Specifies the starting offset, in bytes.

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

-PartitionNumber <UInt32[]>

Specifies the number of the partition.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-PassThru [<SwitchParameter>]

Specifies that the cmdlet should output an object representing the partition to which you added an access path. By default, this cmdlet does not generate any output.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
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_Partition

You can pipe a Partition object to the InputObject parameter to specify the partition to which you want to add an access path.

OUTPUTS

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

If you specify the Passthru parameter, this cmdlet outputs a Partition object representing the partition on which you added an access path.

NOTES

* Mounted folders are supported only on NTFS-formatted partitions. You can only assign a single drive letter to a partition. To change the drive letter, use the

Set-Partition cmdlet with the NewDriveLetter* parameter. * 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.

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

Example 1: Add a drive letter to a partition by disk and partition number

```
PS C:\>Add-PartitionAccessPath -DiskNumber 1 -PartitionNumber 2 -AccessPath F:
```

This example adds the access path F: to partition 2 of disk 1.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/storage/add-partitionaccesspath?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-Partition

Remove-PartitionAccessPath

Set-Partition