



### ***Windows PowerShell Get-Help on Cmdlet 'Get-SupportedClusterSizes'***

***PS:\>Get-HELP Get-SupportedClusterSizes -Full***

#### NAME

Get-SupportedClusterSizes

#### SYNOPSIS

Gets the supported cluster sizes.

#### SYNTAX

```
Get-SupportedClusterSizes [-DriveLetter] <Char[]> [-AsJob] [-CimSession <CimSession[]>] -FileSystem <String>
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-SupportedClusterSizes [-AsJob] [-CimSession <CimSession[]>] -FileSystem <String> -FileSystemLabel <String[]>
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-SupportedClusterSizes [-AsJob] [-CimSession <CimSession[]>] -FileSystem <String> -InputObject <CimInstance[]>
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-SupportedClusterSizes [-AsJob] [-CimSession <CimSession[]>] -FileSystem <String> -ObjectId <String[]>
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

Get-SupportedClusterSizes [-AsJob] [-CimSession <CimSession[]>] -FileSystem <String> -Path <String[]> [-ThrottleLimit <Int32>] [<CommonParameters>]

## DESCRIPTION

The Get-SupportedClusterSizes cmdlet gets the supported cluster sizes for a specified volume and file system.

## 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

-DriveLetter <Char[]>

Specifies an array of letters that identify one or more drives or volumes in the system. The cmdlet gets the supported

cluster sizes for the drives or volumes you specify.

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

#### -FileSystem <String>

Specifies the name of the file system. The cmdlet gets the supported cluster sizes for the file system you specify.

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

#### -FileSystemLabel <String[]>

Specifies an array of file system labels. The cmdlet gets the supported cluster sizes for the file system labels you specify.

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

**-ObjectId <String[]>**

Specifies an array of IDs, as strings. The ID is not globally unique.

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

**-Path <String[]>**

Specifies an array of valid paths. The cmdlet gets the supported cluster sizes for the paths you specify.

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

#### <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

#### OUTPUTS

#### NOTES

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

----- Example 1: Get supported cluster sizes -----

```
PS C:\>Get-Volume H | Get-SupportedClusterSizes -Filesystem NTFS
```

512

1024

2048

4096

8192

16384

32768

65536

This command gets the supported cluster sizes for the NTFS file systems on the volume named H.

#### RELATED LINKS

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

s-gethelp

Get-Volume