



python



PowerShell

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### **PowerShell Get-Help on command 'Get-SupportedClusterSizes'**

**PS C:\Users\wahid> Get-Help Get-SupportedClusterSizes**

#### 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.

-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.

-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.

-FileSystem <String>

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

-FileSystemLabel <String[]>

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

`-InputObject <CimInstance[]>`

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

`-ObjectId <String[]>`

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

`-Path <String[]>`

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

`-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.

`<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>).

----- 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.

#### REMARKS

To see the examples, type: "get-help Get-SupportedClusterSizes -examples".

For more information, type: "get-help Get-SupportedClusterSizes -detailed".

For technical information, type: "get-help Get-SupportedClusterSizes -full".

For online help, type: "get-help Get-SupportedClusterSizes -online"