



python



PowerShell

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PowerShell Get-Help on command 'Get-StorageJob'

PS C:\Users\wahid> Get-Help Get-StorageJob

NAME

Get-StorageJob

SYNOPSIS

Returns information about long-running Storage module jobs, such as a repair task.

SYNTAX

```
Get-StorageJob [-AsJob] [-CimSession <CimSession[]>] [-JobState {New | Starting | Running | Suspended | ShuttingDown | Completed | Terminated | Killed | Exception | Service | QueryPending}] [-ThrottleLimit <Int32>] [-Uniqueid <String[]>] [<CommonParameters>]
```

```
Get-StorageJob [-AsJob] [-CimSession <CimSession[]>] [-JobState {New | Starting | Running | Suspended | ShuttingDown | Completed | Terminated | Killed | Exception | Service | QueryPending}] [-Name <String[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-StorageJob [-AsJob] [-CimSession <CimSession[]>] [-JobState {New | Starting | Running | Suspended | ShuttingDown | Completed | Terminated |
```

```
Killed | Exception | Service | QueryPending}} [-Name <String[]>] [-StoragePool  
<CimInstance>] [-ThrottleLimit <Int32>] [-VirtualDisk <CimInstance>]  
[<CommonParameters>]
```

```
Get-StorageJob [-AsJob] [-CimSession <CimSession[]>] [-JobState {New |  
Starting | Running | Suspended | ShuttingDown | Completed | Terminated |  
Killed | Exception | Service | QueryPending}} [-ThrottleLimit <Int32>]  
[-Volume <CimInstance>] [<CommonParameters>]
```

```
Get-StorageJob [-AsJob] [-CimSession <CimSession[]>] [-Disk <CimInstance>]  
[-JobState {New | Starting | Running | Suspended | ShuttingDown | Completed |  
Terminated | Killed | Exception | Service | QueryPending}} [-ThrottleLimit  
<Int32>] [<CommonParameters>]
```

```
Get-StorageJob [-AsJob] [-CimSession <CimSession[]>] [-JobState {New |  
Starting | Running | Suspended | ShuttingDown | Completed | Terminated |  
Killed | Exception | Service | QueryPending}} [-StorageSubsystem  
<CimInstance>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-StorageJob cmdlet returns information about long-running Storage module jobs, such as a repair operation on a storage space.

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.

-Disk <CimInstance>

Specifies a disk for which to get storage jobs. To obtain a Disk object, use the Get-Disk cmdlet.

-JobState <JobState[]>

Gets storage jobs in the specified state. Acceptable values are Completed, Exception, Killed, New, QueryPending, Running, Service, ShuttingDown, Starting, Suspended, and Terminated.

-Name <String[]>

Specifies the name the storage job to get.

-StoragePool <CimInstance>

Specifies the storage pool object in which to retrieve storage jobs. Enter a StoragePool CIM object. The StoragePool CIM object is exposed by the Get-StoragePool cmdlet.

-StorageSubsystem <CimInstance>

Specifies the storage subsystem object in which to retrieve storage jobs. Enter a StorageSubsystem CIM object. The StorageSubsystem CIM object is exposed by the Get-StorageSubSystem cmdlet.

-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.

-Uniqueid <String[]>

Specifies the ID of the storage job to retrieve.

-VirtualDisk <CimInstance>

Specifies the virtual disk object for which to get storage jobs. Enter a VirtualDisk CIM object. The Virtual Disk CIM object is exposed by the Get-VirtualDisk cmdlet.

-Volume <CimInstance>

Specifies the volume object for which to get storage jobs. To obtain a Volume object, use the Get-Volume cmdlet.

<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 all current storage jobs -----

```
PS C:\>Get-StorageJob
```

Name	ElapsedTime	JobState	PercentComplete	IsBackgroundTask
-----	-----	-----	-----	-----
Regeneration	00:00:00	Running	50	True

This example displays a list of all current storage jobs.

Example 2: Get all storage jobs on the Windows Storage subsystem

```
PS C:\>Get-StorageJob -StorageSubsystem (Get-StorageSubSystem -FriendlyName
```

"Storage Spaces*")

This example gets all storage jobs on the Storage Spaces subsystem, using the Get-StorageSubSystem cmdlet to get the StorageSubsystem object.

REMARKS

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

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

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

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