Windows PowerShell Get-Help on Cmdlet 'Get-StorageJob'

PS:\>Get-HELP Get-StorageJob -Full

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.

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

-Disk <CimInstance>

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

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

-JobState <JobState[]>

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

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

-Name <String[]>

Specifies the name the storage job to get.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-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.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

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 PowerShellr 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 the ID of the storage job to retrieve.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-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.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Volume <CimInstance>

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

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

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

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

You can pipe an MSFT_StoragePool object to the StoragePool parameter to specify the storage pool in which to get storage jobs.

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

You can pipe an MSFT_StorageSubsystem object to the StorageSubsystem parameter to specify the storage subsystem for which to get storage jobs.

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

You can pipe an MSFT_VirtualDisk object to the VirtualDisk parameter to specify the virtual disk for which to get storage jobs.

OUTPUTS

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

The Get-StorageJob cmdlet returns objects that represent storage jobs.

NOTES

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

---------- 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.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/storage/get-storagejob?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Receive-Job https://go.microsoft.com/fwlink/p/?LinkID=113372

Get-Disk

Get-Volume