



python



PowerShell

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PowerShell Get-Help on command 'Optimize-StoragePool'

PS C:\Users\wahid> Get-Help Optimize-StoragePool

NAME

Optimize-StoragePool

SYNOPSIS

Optimizes a Storage pool.

SYNTAX

Optimize-StoragePool [-FriendlyName] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Optimize-StoragePool [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Optimize-StoragePool [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -Name <String[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Optimize-StoragePool [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru] [-ThrottleLimit <Int32>] -UniqueId <String[]> [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The Optimize-StoragePool cmdlet rebalances the Spaces allocations in a pool to disks with available capacity.

If you are adding new disks or fault domains, this operation helps move existing Spaces allocations to them, and optimization improves their performance. However, rebalancing is an I/O intensive operation.

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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-FriendlyName <String[]>

Specifies the friendly name of the Storage pool to optimize.

-InputObject <CimInstance[]>

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

-Name <String[]>

Specifies the name of the Storage pool to optimize.

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

-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 unique ID of the storage pool to optimize.

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<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).

----- Example 1: Optimize a Storage pool -----

```
PS C:\>Optimize-StoragePool -FriendlyName "SQLPool"
```

This command rebalances the Spaces allocation for all of the Spaces in the pool named SQLPool.

REMARKS

To see the examples, type: "get-help Optimize-StoragePool -examples".

For more information, type: "get-help Optimize-StoragePool -detailed".

For technical information, type: "get-help Optimize-StoragePool -full".

For online help, type: "get-help Optimize-StoragePool -online"