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Windows PowerShell Get-Help on Cmdlet 'Disable-StorageHighAvailability'

PS:\>Get-HELP Disable-StorageHighAvailability -Full

NAME

Disable-StorageHighAvailability

SYNOPSIS

Disables a Storage resource.

SYNTAX

```
Disable-StorageHighAvailability [-AsJob] [-CimSession <CimSession[]>] -DiskFriendlyName <String[]> [-PassThru]
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Disable-StorageHighAvailability [-DiskNumber] <UInt32[]> [-AsJob] [-CimSession <CimSession[]>] [-PassThru]
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Disable-StorageHighAvailability [-AsJob] [-CimSession <CimSession[]>] -DiskPath <String[]> [-PassThru] [-ThrottleLimit
<Int32>] [<CommonParameters>]
```

```
Disable-StorageHighAvailability [-AsJob] [-CimSession <CimSession[]>] -DiskUniqueId <String[]> [-PassThru]
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Disable-StorageHighAvailability [-AsJob] [-CimSession <CimSession[]>] -InputObject <CimInstance[]> [-PassThru]
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Disable-StorageHighAvailability cmdlet configures a Storage resource to be in an unavailable or inactive state.

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/?LinkId=227967>) or

[Get-CimSession](<https://go.microsoft.com/fwlink/?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

-DiskFriendlyName <String[]>

Specifies an array of friendly names of disks.

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

-DiskNumber <UInt32[]>

Specifies an array of disk numbers.

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

-DiskPath <String[]>

Specifies an array of disk paths.

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

-DiskUniqueId <String[]>

Specifies an array of unique IDs, as strings, of disks.

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

-PassThru [<SwitchParameter>]

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

Required? false

Position? named

Default value False

Accept pipeline input? False

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: Disable a disk that is a resource in a failover cluster

This command uses the Get-Disk cmdlet to display the properties of disk number 9. The disk number is specific to the cluster node that owns the cluster disk resource.

```
PS C:\>Get-Disk -Number 9 | Format-Table -Property Number,IsHighlyAvailable,IsClustered,IsScaleOut
```

```
Number IsHighlyAvailable IsClustered IsScaleOut
```

```
-----
```

Number	IsHighlyAvailable	IsClustered	IsScaleOut
9	True	True	True

The next command removes disk number 9 its failover cluster. The final command repeats the first command to display the new status of the disk.

```
PS C:\> Disable-StorageHighAvailability -DiskNumber 9
```

```
PS C:\> Get-Disk -Number 9 | Format-Table Number,IsHighlyAvailable,IsClustered,IsScaleOut
```

```
Number IsHighlyAvailable IsClustered IsScaleOut
```

9 False False False

This example removes a disk from a failover cluster by using its disk number.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/storage/disable-storagehighavailability?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

[Get-Disk](#)

[Enable-StorageHighAvailability](#)