



python



PowerShell

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PowerShell Get-Help on command 'Set-StorageSetting'

PS C:\Users\wahid> Get-Help Set-StorageSetting

NAME

Set-StorageSetting

SYNOPSIS

Adjusts or configures current storage settings of the StorageSetting object.

SYNTAX

```
Set-StorageSetting [-AsJob] [-CimSession <CimSession[]>] [-NewDiskPolicy  
{Unknown | OnlineAll | OfflineShared | OfflineAll | OfflineInternal}]  
[-ScrubPolicy {Off | IntegrityStreams | All}] [-ThrottleLimit <Int32>]  
[<CommonParameters>]
```

DESCRIPTION

The Set-StorageSetting cmdlet adjusts or configures current storage settings of the StorageSetting object.

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.

`-NewDiskPolicy <NewDiskPolicy>`

Manages the policy that will be applied to newly attached disks. New disk policy accepts the following settings; (only applies to disks that were not previously seen), The acceptable values for this parameter are:

- `OnlineAll`: (Same as current `diskpartsanpolicy` definition) All disks are automatically online regardless of bus-type or configuration. Can cause data loss if used on shared bus disks improperly.
- `OfflineAll`: (Same as current `diskpartsanpolicy` definition) All disks are automatically left offline, regardless of the bus-type. (not recommended for Windows Client as this would result in attached USB disk not being available by default).
- `OfflineInternal`: Leaves all newly attached disks, which are non-shared storage busses (such as ATA, SATA, USB) offline by default. (new for Windows Server 2012).
- `OfflineShared`: Leaves all newly attached disks which are on a sharable bus (iSCSI, FC, SAS) offline by default.

In Windows Server 2016, including Nano Server, the default policy is `OfflineShared`.

`-ScrubPolicy <ScrubPolicy>`

Specifies the policy for the files that the automatic data integrity scanner scrubs. The acceptable values for this parameter are:

- Off: No files are scrubbed.

- Integrity Streams: Only files with integrity streams are scrubbed.

- All: All files are scrubbed.

-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 -----

```
PS C:\> Set-StorageSetting -NewDiskPolicy OfflineAll
```

This example changes the new disk policy so that all newly attached disks remain offline.

----- EXAMPLE 2 -----

```
PS C:\> Set-StorageSetting -NewDiskPolicy OfflineInternal
```

This example changes the new disk policy so that all newly attached disks on a local bus remain offline.

----- EXAMPLE 3 -----

```
PS C:\> Set-StorageSetting -NewDiskPolicy OfflineShared
```

This example changes the new disk policy so that all new shared bus disks remain offline and all new local bus disks remain online.

----- EXAMPLE 4 -----

```
PS C:\> Set-StorageSetting -NewDiskPolicy OnlineAll
```

This example changes the new disk policy so that all new disks are brought online, regardless of whether the disk are on a local or shared bus.

REMARKS

To see the examples, type: "get-help Set-StorageSetting -examples".

For more information, type: "get-help Set-StorageSetting -detailed".

For technical information, type: "get-help Set-StorageSetting -full".

For online help, type: "get-help Set-StorageSetting -online"