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Windows PowerShell Get-Help on Cmdlet 'Set-StorageSetting'

PS:\>Get-HELP Set-StorageSetting -Full

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

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

  -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 onlined 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 Serverr 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.

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

-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.

```
Required?              false
Position?              named
Default value          None
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 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

<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

None

OUTPUTS

None

NOTES

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

-------------------------- 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.

RELATED LINKS

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

Get-StorageSetting