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### ***Windows PowerShell Get-Help on Cmdlet 'Remove-VirtualDiskFromMaskingSet'***

**PS:\>Get-HELP Remove-VirtualDiskFromMaskingSet -Full**

#### **NAME**

Remove-VirtualDiskFromMaskingSet

#### **SYNOPSIS**

Removes a virtual disk from a specified masking set to block access to the virtual disk by an InitiatorIds object defined in the masking set.

#### **SYNTAX**

```
Remove-VirtualDiskFromMaskingSet [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]>
[-PassThru] [-ThrottleLimit <Int32>] [-VirtualDiskNames
<String[]>] [-WhatIf] [<CommonParameters>]
```

```
Remove-VirtualDiskFromMaskingSet [-MaskingSetFriendlyName] <String[]> [-AsJob] [-CimSession <CimSession[]>]
[-Confirm] [-PassThru] [-ThrottleLimit <Int32>]
[-VirtualDiskNames <String[]>] [-WhatIf] [<CommonParameters>]
```

```
Remove-VirtualDiskFromMaskingSet [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -MaskingSetUniqueId <String[]>
[-PassThru] [-ThrottleLimit <Int32>]
[-VirtualDiskNames <String[]>] [-WhatIf] [<CommonParameters>]
```

## DESCRIPTION

The Remove-VirtualDiskFromMaskingSet cmdlet removes a virtual disk from a specified masking set to block access to the virtual disk by an InitiatorIds object defined in the masking set.

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## 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

**-Confirm [<SwitchParameter>]**

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

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

**-MaskingSetFriendlyName <String[]>**

Specifies the friendly name of a masking set. The friendly name may be defined by a user.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

**-MaskingSetUniqueId <String[]>**

Specifies an ID used to uniquely identify a masking set in the system. The ID persists through reboots.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PassThru [<SwitchParameter>]

Sends items from the interactive window down the pipeline as input to other cmdlets. By default, this cmdlet does not generate any output.

To send items from the interactive window down the pipeline, click to select the items and then click OK. Shift-click and Ctrl-click are supported.

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

-VirtualDiskNames <String[]>

Specifies one or more virtual disk names that are to be removed from the masking set.

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

#### -WhatIf [<SwitchParameter>]

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

Required? false  
Position? named  
Default value False  
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

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT\_MaskingSet

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (#) provides the namespace and class name for the underlying WMI object.

## OUTPUTS

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT\_MaskingSet

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the

pound sign (`#`) provides the namespace and class name for the underlying WMI object.

## NOTES

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

### ----- EXAMPLE 1 -----

```
PS C:\>Remove-VirtualDiskFromMaskingSet -MaskingSetFriendlyName "Masking Set 1" -VirtualDiskNames "Virtual Disk 1,Virtual Disk 2,Virtual Disk 3"
```

This example removes a virtual disk from a masking set.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/storage/remove-virtualdiskfrommaskingset?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/storage/remove-virtualdiskfrommaskingset?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

Get-MaskingSet

Get-VirtualDisk