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Windows PowerShell Get-Help on Cmdlet 'Remove-TargetPortFromMaskingSet'

PS:\>Get-HELP Remove-TargetPortFromMaskingSet -Full

NAME

Remove-TargetPortFromMaskingSet

SYNOPSIS

Removes a specified target port from a masking set.

SYNTAX

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

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

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

DESCRIPTION

The Remove-TargetPortFromMaskingSet cmdlet removes a specified target port from a 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

-TargetPortAddresses <String[]>

Specifies one or more target port addresses. The target port addresses to be removed from the masking set.

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 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

-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:\> $masksfname = "MyFirstMaskingSet"  
PS C:\> $targetaddress = (Get-TargetPort).PortAddress  
PS C:\> Remove-TargetPortFromMaskingSet -MaskingSetFriendlyName $masksfname -TargetPortAddresses  
$targetaddress
```

This example removes a target port from a masking set. And prevents any of the VirtualDisk or InitiatorId objects defined in the masking set from utilizing the target port.

RELATED LINKS

	Online	Version:
https://learn.microsoft.com/powershell/module/storage/remove-targetportfrommaskingset?view=windowsserver2022-ps&wt.mc_id=ps-gethelp		
Get-TargetPort		
Get-MaskingSet		