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PowerShell Get-Help on command 'Add-TargetPortToMaskingSet'

PS C:\Users\wahid> Get-Help Add-TargetPortToMaskingSet

NAME

Add-TargetPortToMaskingSet

SYNOPSIS

Adds one or more target ports to a specified masking set, allowing a connection between the target ports, and any virtual disks and initiator IDs that the masking set contains.

SYNTAX

Add-TargetPortToMaskingSet [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]> [-PassThru] [-TargetPortAddresses <String[]>] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Add-TargetPortToMaskingSet [-MaskingSetFriendlyName] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru] [-TargetPortAddresses <String[]>] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Add-TargetPortToMaskingSet [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -MaskingSetUniqueId <String[]> [-PassThru] [-TargetPortAddresses <String[]>] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Add-TargetPortToMaskingSet cmdlet adds one or more target ports to a specified masking set, allowing a connection between the target ports, and any virtual disks and initiator IDs that the masking set contains. All target ports must use the same connection type (for example iSCSI or Fibre Channel).

Note: This cmdlet works only on storage subsystems that support multi-port per view selection (MaskingPortsPerView = 3). To view the MaskingPortsPerView property, type the following cmdlets: `Get-StorageSubSystem | Format-Table -Property FriendlyName, MaskingPortsPerView`

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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.

-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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-MaskingSetFriendlyName <String[]>

Specifies the friendly name of the masking set to which you want to assign a target port.

-MaskingSetUniqueId <String[]>

Specifies the UniqueID of the masking set to which you want to assign a target port.

-PassThru [<SwitchParameter>]

Specifies that the cmdlet should output an object representing the masking set to which it added target ports. By default, this cmdlet does not generate any output.

-TargetPortAddresses <String[]>

Specifies one or more target port addresses, which you can view by looking at the PortAddress property returned by the Get-TargetPort cmdlet. The target port addresses will be added to the masking set.

-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.

-WhatIf [<SwitchParameter>]

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

<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: Add a target port ----------

```
PS C:\> $TargetPortObject = Get-TargetPort
PS C:\> $subSystem = Get-StorageSubSystem SANArray1
PS C:\> $maskingSet = Get-MaskingSet "Cluster1MaskingSet"
PS C:\> $subSystem | Get-TargetPort | Where-Object ConnectionType -eq "Fibre
Channel" | Format-Table -AutoSize FriendlyName, PortAddress
FriendlyName          PortAddress
------------          -----------
Stor1_FCTargetPort.0a 500A098387995A75
Stor1_FCTargetPort.0b 500A098487995A75
Stor1_FCTargetPort.0c 500A098187995A75
Stor1_FCTargetPort.0d 500A098287995A75


PS C:\> $maskingSet | Add-TargetPortToMaskingSet -TargetPortAddresses
"500A098187995A75"
```

This example demonstrates enumerating the Fibre Channel target ports on a given storage subsystem, and adding one of the target ports to an existing masking set.

REMARKS

To see the examples, type: "get-help Add-TargetPortToMaskingSet -examples".
For more information, type: "get-help Add-TargetPortToMaskingSet -detailed".
For technical information, type: "get-help Add-TargetPortToMaskingSet -full".
For online help, type: "get-help Add-TargetPortToMaskingSet -online"