



**Full credit is given to all the above companies including the Operating System that this PDF file was generated!**

### ***Windows PowerShell Get-Help on Cmdlet 'Add-InitiatorIdToMaskingSet'***

**PS:\>Get-HELP Add-InitiatorIdToMaskingSet -Full**

#### **NAME**

Add-InitiatorIdToMaskingSet

#### **SYNOPSIS**

Adds an initiator ID to an existing masking set, granting the host associated with the initiator ID access to the virtual disk and target port resources defined in the masking set.

#### **SYNTAX**

Add-InitiatorIdToMaskingSet [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-HostType {Unknown | Other | Standard | Solaris | HPUX | OpenVMS | Tru64 | Netware | Sequent | AIX | DGUX | Dynix | Irix | CiscoISCSISStorageRouter | Linux | MicrosoftWindows | OS400 | TRESPASS | HIUX | VMwareESXi | MicrosoftWindowsServer2008 | MicrosoftWindowsServer2003}] [-InitiatorIds <String[]>] -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Add-InitiatorIdToMaskingSet [-MaskingSetFriendlyName] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-HostType {Unknown | Other | Standard | Solaris | HPUX | OpenVMS | Tru64 | Netware | Sequent | AIX | DGUX | Dynix | Irix | CiscoISCSISStorageRouter | Linux | MicrosoftWindows | OS400 | TRESPASS | HIUX | VMwareESXi | MicrosoftWindowsServer2008 | MicrosoftWindowsServer2003}] [-InitiatorIds <String[]>] -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

MicrosoftWindows | OS400 | TRESPASS | HIUX | VMwareESXi |

MicrosoftWindowsServer2008 | MicrosoftWindowsServer2003)] [-InitiatorIds <String[]>] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Add-InitiatorIdToMaskingSet [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-HostType {Unknown | Other | Standard | Solaris | HPUX | OpenVMS | Tru64 | Netware |

Sequent | AIX | DGUX | Dynix | Irix | CiscoSCSISStorageRouter | Linux | MicrosoftWindows | OS400 | TRESPASS | HIUX | VMwareESXi | MicrosoftWindowsServer2008 |

MicrosoftWindowsServer2003)] [-InitiatorIds <String[]>] -MaskingSetUniqueId <String[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

## DESCRIPTION

The Add-InitiatorIdToMaskingSet cmdlet adds an initiator ID to an existing masking set, granting the host associated with the initiator ID access to the virtual disk

and target port resources defined in the masking set.

ps\_storage\_spacesubsystem\_not\_remark

## 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

[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

-HostType <HostType>

Specifies the host operating system or other host environmental factors that may influence the behavior that the storage system should have when showing a virtual disk to an initiator.

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

-InitiatorIds <String[]>

Specifies one or more initiator IDs on which this cmdlet acts. The initiator IDs will be added to this masking set. Note: The initiator IDs do not need to be

displayed in the output of the Get-InitiatorId cmdlet to be added to a masking set.

Required? false

Position? named

Default value None

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 the masking set to which you want to add an initiator ID.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

**-MaskingSetUniqueId <String[]>**

Specifies the unique ID of the masking set to which you want to add an initiator ID.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PassThru [<SwitchParameter>]

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

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

-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

You can pipe one or more MSFT\_MaskingSet objects to the InputObject parameter.

#### OUTPUTS

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

If you specify the Passthru parameter, this cmdlet outputs an object that represents the masking set to which you added an initiator ID.

#### NOTES

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

Example 1: Adding an InitiatorID to a masking set by masking set object

```
PS C:\> $fcPorts = Get-InitiatorPort -CimSession Srv1 -ConnectionType FibreChannel
```

```
PS C:\> $maskingSet = Get-MaskingSet Cluster1MaskingSet
```

```
PS C:\> $fcPorts.NodeAddress 2000001b328d33cd2001001b32ad33cd
```

```
PS C:\> $maskingSet | Add-InitiatorIdToMaskingSet -InitiatorIds $fcPorts.NodeAddress
```

This example shows getting Fibre Channel initiator ports from the Srv1 computer, then getting the masking set object for the Cluster1MaskingSet, then enabling Srv1

access to all virtual disks defined in the masking set.

## RELATED LINKS

Online

Version:

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

[Get-InitiatorId](#)

[Get-InitiatorPort](#)