



python



PowerShell

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### **PowerShell Get-Help on command 'Add-InitiatorIdToMaskingSet'**

**PS C:\Users\wahid> Get-Help Add-InitiatorIdToMaskingSet**

#### 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 | CiscotSCSIStorageRouter |
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 | CiscoSCSIStorageRouter | Linux | 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 | HPUNIX | OpenVMS | Tru64 |  
Netware | Sequent | AIX | DGUX | Dynix | Irix | CiscoSCSIStorageRouter |  
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.

-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.

-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.

-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.

-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 add an initiator ID.

-MaskingSetUniqueId <String[]>

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

-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.

-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.

`-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: 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.

#### REMARKS

To see the examples, type: "get-help Add-InitiatorIdToMaskingSet -examples".

For more information, type: "get-help Add-InitiatorIdToMaskingSet -detailed".

For technical information, type: "get-help Add-InitiatorIdToMaskingSet -full".

For online help, type: "get-help Add-InitiatorIdToMaskingSet -online"

