



Windows PowerShell Get-Help on Cmdlet 'Get-InitiatorId'

PS:\>Get-HELP Get-InitiatorId -Full

NAME

Get-InitiatorId

SYNOPSIS

Gets the InitiatorID objects for the specified iSCSI initiators.

SYNTAX

Get-InitiatorId [[-InitiatorAddress] <String[]>] [-AsJob] [-CimSession <CimSession[]>] [-HostType {Unknown | Other | Standard | Solaris | HPUNIX | OpenVMS | Tru64 |

Netware | Sequent | AIX | DGUX | Dynix | Irix | CiscoISCSIStorageRouter | Linux | MicrosoftWindows | OS400 | TRESPASS | HIUX | VMwareESXi | MicrosoftWindowsServer2008 | MicrosoftWindowsServer2003}] [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-InitiatorId [-AsJob] [-CimSession <CimSession[]>] [-MaskingSet <CimInstance>] [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-InitiatorId [-AsJob] [-CimSession <CimSession[]>] [-StorageSubSystem <CimInstance>] [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-InitiatorId [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [-UniqueId <String[]>]
[<CommonParameters>]

Get-InitiatorId [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [-VirtualDisk <CimInstance>]
[<CommonParameters>]

DESCRIPTION

The Get-InitiatorId cmdlet gets the InitiatorID objects for the specified iSCSI initiators.

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/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.

Required? false

Position? named

Default value None

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. If the HostType property is blank for the object you want to get, omit this parameter.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-InitiatorAddress <String[]>

Specifies the address of the InitiatorID object you want to get. These are the port addresses of the hosts to which the virtual disks will be made available.

Required? false

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-MaskingSet <CimInstance>

Gets the InitiatorID objects associated with the specified MaskingSet object. Enter a MaskingSet CIM object, which is exposed by the Get-MaskingSet cmdlet.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-StorageSubSystem <CimInstance>

Gets the InitiatorID objects associated with the specified StorageSubsystem object. Enter a StorageSubsystem CIM object, which is exposed by the

Get-StorageSubSystem cmdlet.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByValue)
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

-UniqueId <String[]>

Specifies the UniqueID(s) of the InitiatorID(s) you want to get. Separate multiple UniqueIDs with commas, and enclose brackets in quotation marks.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-VirtualDisk <CimInstance>

Gets the InitiatorID objects associated with the specified VirtualDisk object. Enter a VirtualDisk CIM object, which is exposed by the Get-VirtualDisk cmdlet.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	True (ByValue)
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_MaskingSet

You can pipe a MaskingSet object to the MaskingSet parameter.

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_StorageSubsystem

You can pipe a StorageSubsystem object to the StorageSubsystem parameter.

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_VirtualDisk

You can pipe a VirtualDisk object to the VirtualDisk parameter.

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_InitiatorId

This cmdlet returns an object that represents an initiator ID.

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

----- Example 1: Get all InitiatorIDs -----

```
PS C:\>Get-InitiatorID
```

This example gets and displays all iSCSI initiator IDs on the computer.

-- Example 2: Get the storage providers for each InitiatorID --

```
PS C:\>Get-InitiatorId | Get-StorageSubSystem | Get-StorageProvider
```

This example gets and displays the storage providers for each InitiatorID by piping the output from the Get-InitiatorId cmdlet to the Get-StorageSubSystem cmdlet, and

then piping that cmdlet's output to the Get-StorageProvider cmdlet.

--- Example 3: Get the InitiatorID objects for a masking set ---

```
PS C:\>Get-InitiatorId -MaskingSet (Get-MaskingSet -FriendlyName *EQLV1)
```

This example uses the Get-MaskingSet cmdlet to get the masking set with a friendly name that ends with EQLV1, and then gets all associated InitiatorID objects.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/storage/get-initiatorid?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-InitiatorPort

Remove-InitiatorId