



python



PowerShell

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### **PowerShell Get-Help on command 'Get-InitiatorId'**

**PS C:\Users\wahid> Get-Help Get-InitiatorId**

#### 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.

**-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.

**-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.

**-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.

**-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.

**-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.

**-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.

**-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.

**-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.

**<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: 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.

#### REMARKS

To see the examples, type: "get-help Get-InitiatorId -examples".

For more information, type: "get-help Get-InitiatorId -detailed".

For technical information, type: "get-help Get-InitiatorId -full".

For online help, type: "get-help Get-InitiatorId -online"