



python



PowerShell

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PowerShell Get-Help on command 'Add-VirtualDiskToMaskingSet'

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

NAME

Add-VirtualDiskToMaskingSet

SYNOPSIS

Adds a virtual disk to a specified masking set and grants access to the virtual disk to all initiator IDs defined in the masking set.

SYNTAX

```
Add-VirtualDiskToMaskingSet [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
[-DeviceAccesses {Unknown | ReadWrite | ReadOnly | NoAccess}] [-DeviceNumbers
<UInt16[]>] [-InputObject <CimInstance[]>] [-PassThru] [-ThrottleLimit <Int32>]
[-VirtualDisknames <String[]>] [-WhatIf] [<CommonParameters>]
```

```
Add-VirtualDiskToMaskingSet [-MaskingSetFriendlyName] <String[]> [-AsJob]
[-CimSession <CimSession[]>] [-Confirm] [-DeviceAccesses {Unknown | ReadWrite
| ReadOnly | NoAccess}] [-DeviceNumbers <UInt16[]>] [-PassThru]
[-ThrottleLimit <Int32>] [-VirtualDisknames <String[]>] [-WhatIf]
[<CommonParameters>]
```

```
Add-VirtualDiskToMaskingSet [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
```

[-DeviceAccesses {Unknown | ReadWrite | ReadOnly | NoAccess}] [-DeviceNumbers <UInt16[]>] -MaskingSetUniqueId <String[]> [-PassThru] [-ThrottleLimit <Int32>] [-VirtualDiskNames <String[]>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Add-VirtualDiskToMaskingSet cmdlet adds a virtual disk to a specified masking set and grants access to the virtual disk to all initiator IDs defined in the masking set.

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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.

-DeviceAccesses <DeviceAccess[]>

Specifies the way in which initiators can access the virtual disk(s) that are part of this masking set. You must specify a DeviceAccesses value for each virtual disk specified by the VirtualDiskNames parameter. Allowed values are NoAccess, ReadOnly, ReadWrite, and Unknown.

-DeviceNumbers <UInt16[]>

Specifies the device numbers for one or more virtual disks.

-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 a virtual disk.

-MaskingSetUniqueId <String[]>

Specifies the UniqueID of the masking set to which you want to add a virtual disk.

-PassThru [<SwitchParameter>]

Specifies that the cmdlet should output an object representing the masking set to which it added a virtual disk. 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.

-VirtualDiskNames <String[]>

Specifies one or more virtual disk names to add to the masking set.

-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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

--- Example 1: Add a virtual disk to an existing masking set ---

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

```
PS C:\> $virtualDisk = Get-VirtualDisk Volume12
```

```
PS C:\> $maskingSet | Add-VirtualDiskToMaskingSet -VirtualDisknames  
$virtualDisk.Name -DeviceAccesses ReadWrite
```

This example adds the virtual disks named Volume12 to a masking set named Cluster1MaskingSet, and sets the device access to read-write.

REMARKS

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

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

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

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