



python



PowerShell

FPDF Library
PDF generator

Full credit is given to the above companies including the OS that this PDF file was generated!

PowerShell Get-Help on command 'New-SmbMultichannelConstraint'

PS C:\Users\wahid> Get-Help New-SmbMultichannelConstraint

NAME

New-SmbMultichannelConstraint

SYNOPSIS

Creates an SMB multi-channel constraint for the specified server.

SYNTAX

```
New-SmbMultichannelConstraint [-ServerName] <String> [-InterfaceAlias]
<String[]> [-AsJob] [-CimSession <CimSession[]>] [-Force] [-ThrottleLimit
<Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
New-SmbMultichannelConstraint [-ServerName] <String> [-InterfaceIndex]
<UInt32[]> [-AsJob] [-CimSession <CimSession[]>] [-Force] [-ThrottleLimit
<Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The New-SmbMultichannelConstraint cmdlet creates a Server Message Block (SMB) multi-channel constraint for the specified server. This constraint applies to the Default instance of SMB used for normal sharing. It does not apply to

SMB-using application instances like Storage Replica, Storage Spaces Direct SBL, or CSV.

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.

-Force [<SwitchParameter>]

Forces the command to run without asking for user confirmation.

-InterfaceAlias <String[]>

Specifies the interface aliases of the network interfaces that is used to connect to the server.

-InterfaceIndex <UInt32[]>

Specifies the interface indexes of the network interfaces that are used to connect to the server.

-ServerName <String>

Specifies, when the SMB client is connecting to this server, that the constraints determine which network interfaces are used.

-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.

`-Confirm [<SwitchParameter>]`

Prompts you for confirmation before running the cmdlet.

`-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: Create an SMB multi-channel constraint for an SMB server

```
PS C:\>New-SmbMultichannelConstraint -ServerName "Contoso-SO" -InterfaceAlias "RDMA1", "RDMA2"
```

Confirm

Are you sure you want to perform this action?

Performing operation 'New-SmbMultichannelConstraint' on Target 'Contoso-SO'.

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default

is "Y"): Y

InterfaceAlias : RDMA1

InterfaceGuid : {597b0a73-2b66-4be0-9e6d-f42eae8a35d6}

InterfaceIndex : 12

ServerName : Contoso-SO

PSComputerName :

InterfaceAlias : RDMA2

InterfaceGuid : {bd3c4a04-64cf-4205-88f5-38c4c35dfc38}

InterfaceIndex : 15

ServerName : Contoso-SO

PSComputerName :

This command creates an SMB multi-channel constraint for the SMB server named Contoso-SO.

Example 2: Create an SMB multi-channel constraint for an SMB server without confirmation

```
PS C:\>New-SmbMultichannelConstraint -ServerName "Contoso-SO" -InterfaceIndex 12, 15 -Force
```

InterfaceAlias : RDMA1

InterfaceGuid : {597b0a73-2b66-4be0-9e6d-f42eae8a35d6}

InterfaceIndex : 12

ServerName : Contoso-SO

PSComputerName :

InterfaceAlias : RDMA2

InterfaceGuid : {bd3c4a04-64cf-4205-88f5-38c4c35dfc38}

InterfaceIndex : 15

ServerName : Contoso-SO

PSComputerName :

This command creates an SMB multi-channel constraint for the SMB server named Contoso-SO without user confirmation.

REMARKS

To see the examples, type: "get-help New-SmbMultichannelConstraint -examples".

For more information, type: "get-help New-SmbMultichannelConstraint -detailed".

For technical information, type: "get-help New-SmbMultichannelConstraint -full".

For online help, type: "get-help New-SmbMultichannelConstraint -online"