Windows PowerShell Get-Help on Cmdlet 'Remove-SmbMultichannelConstraint'

PS:\>Get-HELP Remove-SmbMultichannelConstraint -Full

NAME

   Remove-SmbMultichannelConstraint

SYNOPSIS

   Removes SMB multi-channel constraints.

SYNTAX

   Remove-SmbMultichannelConstraint [-AsJob] [-CimSession <CimSession[]>] [-Force] -InputObject <CimInstance[]>
[-PassThru] [-ThrottleLimit <Int32>] [-Confirm] [-WhatIf]

   [<CommonParameters>]

    Remove-SmbMultichannelConstraint [-ServerName] <String[]> [[-InterfaceAlias] <String[]>] [-AsJob] [-CimSession
<CimSession[]>] [-Force] [-PassThru] [-ThrottleLimit

   <Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]

   Remove-SmbMultichannelConstraint [-ServerName] <String[]> [[-InterfaceIndex] <UInt32[]>] [-AsJob] [-CimSession
<CimSession[]>] [-Force] [-PassThru] [-ThrottleLimit

   <Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Remove-SmbMultichannelConstraint cmdlet removes one or more specified Server Message Block (SMB) multi-channel constraints, which determine the network interfaces

to use for connections to specific servers.

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

-Force [<SwitchParameter>]

Forces the command to run without asking for user confirmation.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-InterfaceAlias <String[]>

Specifies an array of interface aliases of the network interfaces that are no longer used by SMB to connect to the server.

Required?   false

Position?   2

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-InterfaceIndex <UInt32[]>

Specifies an array of interface indexes of the network interfaces that are no longer used by SMB to connect to the server.

Required?   false

Position?   2

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-ServerName <String[]>

Specifies an array of servers from which to remove one or more constraints

Required?   true

Position?   1

Default value   None

Accept pipeline input?   True (ByPropertyName)

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 PowerShellr 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

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

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).

INPUTS

None

OUTPUTS

None

NOTES

------- Example 1: Remove SMB multi-channel constraints -------

PS C:\>Remove-SmbMultichannelConstraint -ServerName "Contoso-SO"

Confirm

Are you sure you want to perform this action?

Performing operation 'Remove-SmbMultiChannelConstraint' on Target 'Contoso-SO,{597b0a73-2b66-4be0-9e6d-f42eae8a35d6}'.

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

Confirm

Are you sure you want to perform this action?

Performing operation 'Remove-SmbMultiChannelConstraint' on Target 'Contoso-SO,{bd3c4a04-64cf-4205-88f5-38c4c35dfc38}'.

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

This command removes one or more SMB multi-channel constraints. These constraints determine the network interfaces to be used when connecting to specific servers.

Example 2: Remove SMB multi-channel constraints without confirmation

PS C:\>Remove-SmbMultichannelConstraint -ServerName "Contoso-SO" -InterfaceIndex 12 -Force

This command removes one or more SMB multi-channel constraints without user confirmation.

RELATED LINKS

Online Version:

https://learn.microsoft.com/powershell/module/smbshare/remove-smbmultichannelconstraint?view=windowsserver2022-ps&

wt.mc_id=ps-gethelp

Get-SmbMultichannelConstraint

New-SmbMultichannelConstraint