



python



PowerShell

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PowerShell Get-Help on command 'Get-SmbMultichannelConstraint'

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

NAME

Get-SmbMultichannelConstraint

SYNOPSIS

Retrieves the constraints that define how the SMB client uses network interfaces to connect to the servers.

SYNTAX

```
Get-SmbMultichannelConstraint [[-ServerName] <String[]>] [-AsJob] [-CimSession  
<CimSession[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-SmbMultichannelConstraint cmdlet retrieves the constraints that define how the Server Message Block (SMB) client uses network interfaces to connect to the servers. 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.

-ServerName <String[]>

Specifies the constraints for the specified server being returned.

-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.

<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 multichannel constraints -----

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

```
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 retrieves the constraints that define how the SMB client uses network interfaces to connect to the servers.

REMARKS

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

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

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

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