



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

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

NAME

Remove-NetTransportFilter

SYNOPSIS

Removes transport filters.

SYNTAX

```
Remove-NetTransportFilter [-AsJob] [-AssociatedTCPSetting <CimInstance>] [-CimSession <CimSession[]>] [-Confirm]
[-DestinationPrefix <String[]>] [-LocalPortEnd
    <UInt16[]>] [-LocalPortStart <UInt16[]>] [-PassThru] [-Protocol {TCP | UDP}] [-RemotePortEnd <UInt16[]>]
[-RemotePortStart <UInt16[]>] [-SettingName <String[]>]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

```
Remove-NetTransportFilter [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]> [-PassThru]
[-ThrottleLimit <Int32>] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Remove-NetTransportFilter cmdlet removes transport filters.

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

-AssociatedTCPSetting <CimInstance>

Specifies a NetTCPSetting object. The cmdlet removes transport filters associated with the setting that you specify. To obtain a NetTCPSetting object, use the

Get-NetTCPSetting cmdlet.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

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

-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

-DestinationPrefix <String[]>

Specifies an array of destination prefixes of IP routes. The cmdlet removes transport filters that have the prefixes that you specify. A destination prefix consists of an IP address prefix and a prefix length, separated by a slash (/).

Required? false
Position? named
Default value None
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

`-LocalPortEnd <UInt16[]>`

Specifies an array of upper bounds of ranges of local TCP ports. The cmdlet removes transport filters that have the upper bounds that you specify.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

`-LocalPortStart <UInt16[]>`

Specifies an array of lower bounds of ranges of local TCP ports. The cmdlet removes transport filters that have the lower bounds that you specify.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
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

`-Protocol <Protocol[]>`

Specifies an array of types of routing protocols. The cmdlet removes transport filters based on the protocols that you specify. The acceptable values for this

parameter are:

- Bbn

- Bgp

- Dhcp

- Dvmrp

- Egg

- Eigrp

- EsIs

- Ggp

- Hello

- lcmp

- ldpr

- lgrp

- lsls

- Local

- NetMgmt

- Ospf

- Rip

- Rpl

- Other

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RemotePortEnd <UInt16[]>

Specifies an array of upper bounds of ranges of remote TCP ports. The cmdlet removes transport filters that have the upper bounds that you specify.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RemotePortStart <UInt16[]>

Specifies an array of lower bounds of ranges of remote TCP ports. The cmdlet removes transport filters that have the lower bounds that you specify.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SettingName <String[]>

Specifies an array of setting names. The cmdlet removes transport filters that have the settings that you specify. The acceptable values for this parameter are:

- Internet

- Datacenter

- Compat

- Custom

Required? false

Position? named

Default value None

Accept pipeline input? False

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 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.

Required? false

Position? named

Default value None

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

Microsoft.Management.Infrastructure.CimInstance#root\StandardCimv2\MSFT_NetTransportFilter

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (`#`) provides the namespace and class name for the underlying WMI object.

OUTPUTS

None

NOTES

---- Example 1: Remove transport filters for a setting name ----

This command removes all of the transport filters on the server that have the setting name of Custom.

Example 2: Remove transit filters for objects with a specified congestion window

```
PS C:\>Get-NetTCPSetting -InitialCongestionWindowMss 4 | Remove-NetTransportFilter
```

This command uses the Get-NetTCPSetting cmdlet to get all of the NetTcpSetting objects that have an initial congestion window of 4 maximum segment size (MSS) units,

and then passes them to the current cmdlet by using the pipeline operator. The command removes transport filters for these settings.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/nettcpip/remove-nettransportfilter?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-NetTCPSetting

Get-NetTransportFilter

New-NetTransportFilter