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### ***Windows PowerShell Get-Help on Cmdlet 'Remove-VpnConnectionRoute'***

**PS:\>Get-HELP Remove-VpnConnectionRoute -Full**

#### **NAME**

Remove-VpnConnectionRoute

#### **SYNOPSIS**

Removes a route from a VPN connection.

#### **SYNTAX**

```
Remove-VpnConnectionRoute [-ConnectionName] <String> [-DestinationPrefix] <String> [[-AllUserConnection]] [-AsJob]
[-CimSession <CimSession[]>] [-Confirm] [-PassThru]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

#### **DESCRIPTION**

The Remove-VpnConnectionRoute cmdlet removes an IPv4 or IPv6 route from a VPN connection.

#### **PARAMETERS**

**-AllUserConnection [<SwitchParameter>]**

Indicates that the VPN connection being modified is in the global phone book.

Required? false  
Position? 3  
Default value False  
Accept pipeline input? True (ByPropertyName)  
Accept wildcard characters? false

-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

-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

#### -ConnectionName <String>

Specifies the name of a VPN connection profile to modify. To view existing VPN connection profiles, use the Get-VpnConnection cmdlet.

Required? true  
Position? 1  
Default value None  
Accept pipeline input? True (ByPropertyName)  
Accept wildcard characters? false

#### -DestinationPrefix <String>

Specifies the destination prefix of the route to remove.

Required? true  
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. If you specify this parameter, the

cmdlet returns the MSFT\_NetRoute object.

Required? false  
Position? named  
Default value False  
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

## OUTPUTS

## NOTES

- Example 1: Remove a VPN connection route for an IPv4 address -

```
PS C:\> Remove-VpnConnectionRoute -ConnectionName "Contoso" -DestinationPrefix "176.16.0.0/16" -PassThru  
DestinationPrefix : 176.16.0.0/16
```

InterfaceIndex :

InterfaceAlias : Contoso

AddressFamily : IPv4

NextHop : 0.0.0.0

Publish : 0

RouteMetric : 1

PolicyStore :

This command uses the Remove-VpnConnectionRoute cmdlet to remove a route associated with an IPv4 address prefix.

The command specifies the PassThru parameter to

return an object.

- Example 2: Remove a VPN connection route for an IPv6 address -

```
PS C:\> Remove-VpnConnectionRoute -ConnectionName "Contoso" -DestinationPrefix "2001:4898:7020:0:0:0:0:0/64"
```

-PassThru

DestinationPrefix : 2001:4898:7020:3020::/64

InterfaceIndex :

InterfaceAlias : Contoso

AddressFamily : IPv6

NextHop : ::

Publish : 0

RouteMetric : 23

PolicyStore :

This command uses the Remove-VpnConnectionRoute cmdlet to remove a route associated with an IPv6 address prefix.

The command also specifies the PassThru parameter to

return an object.

## RELATED LINKS

	Online	Version:
<a href="https://learn.microsoft.com/powershell/module/vpnclient/remove-vpnconnectionroute?view=windowsserver2022-ps&amp;wt.mc_id=ps-gethelp">https://learn.microsoft.com/powershell/module/vpnclient/remove-vpnconnectionroute?view=windowsserver2022-ps&amp;wt.mc_id=ps-gethelp</a>		
Add-VpnConnectionRoute		