



python



PowerShell

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PowerShell Get-Help on command 'Remove-VpnConnectionRoute'

PS C:\Users\wahid> Get-Help Remove-VpnConnectionRoute

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.

-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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-ConnectionName <String>

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

-DestinationPrefix <String>

Specifies the destination prefix of the route to remove.

-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.

-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.

-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: 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
```

```
"2001:4898:7020:3020::/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.

REMARKS

To see the examples, type: `"get-help Remove-VpnConnectionRoute -examples"`.

For more information, type: `"get-help Remove-VpnConnectionRoute -detailed"`.

For technical information, type: `"get-help Remove-VpnConnectionRoute -full"`.

For online help, type: `"get-help Remove-VpnConnectionRoute -online"`