



python



PowerShell

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### **PowerShell Get-Help on command 'Add-VpnConnectionTriggerDnsConfiguration'**

**PS C:\Users\wahid> Get-Help Add-VpnConnectionTriggerDnsConfiguration**

#### NAME

Add-VpnConnectionTriggerDnsConfiguration

#### SYNOPSIS

Adds a DNS suffix or name to VPN connection trigger properties.

#### SYNTAX

```
Add-VpnConnectionTriggerDnsConfiguration [-ConnectionName] <String>  
[-DnsSuffix] <String> [[-DnsIPAddress] <String[]>] [-AsJob] [-CimSession  
<CimSession[]>] [-Confirm] [-Force] [-PassThru] [-ThrottleLimit <Int32>]  
[-WhatIf] [<CommonParameters>]
```

#### DESCRIPTION

The Add-VpnConnectionTriggerDnsConfiguration cmdlet adds a Domain Name System (DNS) suffix or name to the DNS trigger properties for a client. If you specify a DNS IP address for the suffix or name, when the client accesses a resource in the suffix, the client starts a virtual private network (VPN) connection. If you do not specify a DNS IP address for a DNS suffix or name, accessing the suffix or name does not trigger the VPN connection.

If you previously ran the `Set-VpnConnectionTriggerTrustedNetwork` cmdlet with the `DefaultDnsSuffixes` parameter specified, the current cmdlet adds the DNS suffix to the trusted Network list. This cmdlet does not add DNS suffixes that do not have DNS server addresses.

## 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.

`-Confirm [<SwitchParameter>]`

Prompts you for confirmation before running the cmdlet.

`-ConnectionName <String>`

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

`-DnsIPAddress <String[]>`

Specifies an array IP addresses of DNS servers for the DNS suffix. You can use both IPv4 and IPv6 addresses.

If you do not specify a DNS server, the client does not start a VPN connection when the client accesses a resource with the DNS suffix or name.

-DnsSuffix <String>

Specifies a DNS suffix.

-Force [<SwitchParameter>]

Forces the command to run without asking for user confirmation.

-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 VpnConnectionTriggerDnsConfiguration object that contains DNS suffixes and corresponding DNS servers.

-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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

----- Example 1: Add a DNS suffix -----

```
PS C:\>Add-VpnConnectionTriggerDnsConfiguration -ConnectionName "Contoso"  
-DnsSuffix "washington.contoso.com" -DnsIPAddress "172.16.12.23" -PassThru
```

WARNING: The suffix washington.contoso.com will be automatically added to

the trusted network detection list. Any subsequent addition/removal of

suffixes from this cmdlet will be reflected in the trusted network

detection list. If you do not want this auto-population, remove the

suffixes from the trusted network detection list by using the

cmdlet Remove-VpnConnectionTriggerTrustedNetwork

ConnectionName	DnsSuffix	DnsIPAddress
DnsSuffixSearchList		

-----	-----	-----
-----		

Contoso	washington.contos...	{172.16.12.23}
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This command adds the DNS suffix washington.contoso.com to the trigger properties for the current client. The command specifies the VPN connection profile named Contoso and an address for a DNS server for this suffix. The command includes the PassThru parameter. Therefore, it returns the VPN connection DNS trigger properties for the client.

In this example, Trigger Trusted Network has the default value. Therefore the command adds the suffix to the trusted network detection list.

-- Example 2: Add a DNS suffix that has multiple DNS servers --

```
PS C:\>Add-VpnConnectionTriggerDnsConfiguration -ConnectionName "Contoso"  
-DnsSuffix "newyork.contoso.com" -DnsIPAddress "172.16.12.3", "172.16.12.22"  
-PassThru
```



To see the examples, type: "get-help Add-VpnConnectionTriggerDnsConfiguration -examples".

For more information, type: "get-help Add-VpnConnectionTriggerDnsConfiguration -detailed".

For technical information, type: "get-help Add-VpnConnectionTriggerDnsConfiguration -full".

For online help, type: "get-help Add-VpnConnectionTriggerDnsConfiguration -online"