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PowerShell

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PowerShell Get-Help on command 'Set-VpnConnectionTriggerDnsConfiguration'

PS C:\Users\wahid> Get-Help Set-VpnConnectionTriggerDnsConfiguration

NAME

Set-VpnConnectionTriggerDnsConfiguration

SYNOPSIS

Changes DNS servers for an existing DNS suffix.

SYNTAX

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

DESCRIPTION

The Set-VpnConnectionTriggerDnsConfiguration cmdlet changes Domain Name System (DNS) servers for a DNS suffix that is associated with a virtual private network (VPN) connection. This cmdlet also configures the DNS suffix search list for a VPN connection.

If you specify a DNS IP address for a suffix, when a client accesses a

resource within that suffix, the client starts a VPN connection. You can specify a list of DNS suffixes for a client to append to short names to try connections by using a specified VPN connection.

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 specify an empty string, when the client accesses a resource in the DNS suffix, it does not trigger a VPN connection.

-DnsSuffix <String>

Specifies a DNS suffix.

-DnsSuffixSearchList <String[]>

Specifies an array of DNS suffixes. The client appends a suffix to a short name to create a fully qualified domain name (FQDN). The client tries the suffixes on this list to see if any of them, appended to a short name, identify a resource.

-Force [<SwitchParameter>]

Indicates that the cmdlet makes changes to the VPN connection trigger DNS configuration without a confirmation message.

-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, and the DNS suffix search list.

-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: Change the DNS server for a DNS suffix -----

```
PS C:\>Set-VpnConnectionTriggerDnsConfiguration -ConnectionName "Contoso"  
-DnsSuffix "washington.contoso.com" -DnsIPAddress "172.16.12.3" -PassThru  
-Force
```

ConnectionName	DnsSuffix	DnsIPAddress
	DnsSuffixSearchList	

```
-----  
-----  
-----  
-----
```

Contoso	washington.contos...	{207.64.32.54}
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This command changes the IP address for the DNS server for a DNS suffix to a value of 172.16.12.3. Use the DnsIPAddress parameter to specify the new value. The command specifies the VPN connection profile named Contoso and the DNS suffix washington.contoso.com. The command includes the PassThru parameter. Therefore, it returns the VPN connection DNS trigger properties for the client. Because the command includes the Force parameter, it does not prompt you for confirmation.

Example 2: Change the DNS suffix search list for a VPN connection

```
PS C:\>Set-VpnConnectionTriggerDnsConfiguration -ConnectionName "Contoso"  
-DnsSuffixSearchList "corp.contoso.com", "sales.Contoso.com" -PassThru -Force
```

ConnectionName	DnsSuffix	DnsIPAddress
	DnsSuffixSearchList	

```
-----  
-----  
-----  
-----
```

Contoso	{corp.contoso.com, sales.contoso....	
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This command changes the DNS suffix search list for the VPN connection profile named Contoso to be the two specified DNS suffixes. The command includes the PassThru parameter. Therefore, it returns the VPN connection DNS trigger properties for the client. Because the command includes the Force parameter, it does not prompt you for confirmation.

REMARKS

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

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

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

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