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Windows PowerShell Get-Help on Cmdlet 'Set-VpnConnectionTriggerDnsConfiguration'

PS:\>Get-HELP Set-VpnConnectionTriggerDnsConfiguration -Full

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.

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/?LinkId=227967>)

or

[Get-CimSession] (<https://go.microsoft.com/fwlink/?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 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

-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.

Required? false

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DnsSuffix <String>

Specifies a DNS suffix.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-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.

Required? false

Position? 4

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Force [<SwitchParameter>]

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

Required? false

Position? named

Default value False

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. 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.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

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

Microsoft.Management.Infrastructure.CimInstance#VpnConnectionTriggerDnsConfiguration

NOTES

----- 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
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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.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/vpnclient/set-vpnconnectiontriggerdnsconfiguration?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

[Add-VpnConnectionTriggerDnsConfiguration](#)

[Get-VpnConnection](#)

[Remove-VpnConnectionTriggerDnsConfiguration](#)