



## ***Windows PowerShell Get-Help on Cmdlet 'Set-DnsClientDohServerAddress'***

***PS:\>Get-HELP Set-DnsClientDohServerAddress -Full***

### NAME

Set-DnsClientDohServerAddress

### SYNOPSIS

Modifies an existing DoH server configuration.

### SYNTAX

```
Set-DnsClientDohServerAddress [[-DohTemplate] <String>] [[-AllowFallbackToUdp] <Boolean>] [[-AutoUpgrade]
<Boolean>] [-AsJob] [-CimSession <CimSession[]>]
```

```
-InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Set-DnsClientDohServerAddress [-ServerAddress] <String[]> [[-DohTemplate] <String>] [[-AllowFallbackToUdp]
<Boolean>] [[-AutoUpgrade] <Boolean>] [-AsJob] [-CimSession
<CimSession[]>] [-PassThru] [-ThrottleLimit <Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

### DESCRIPTION

The Set-DnsClientDohServerAddress cmdlet modifies an existing DNS-over-HTTPS (DoH) server configuration.

## PARAMETERS

`-AllowFallbackToUdp <Boolean>`

Specifies whether to allow fallback to unencrypted DNS if the DoH query to the server fails. This parameter applies only if `AutoUpgrade` is `True`. The default is

`False`.

Required? false

Position? 2

Default value None

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.

The cmdlet immediately returns an object that represents the job and then displays the command prompt. You can continue to work in the session while the job

completes. To manage the job, use the `*-Job` cmdlets. To get the job results, use the `Receive-Job` (<https://go.microsoft.com/fwlink/?LinkID=113372>) cmdlet.

For more information about Windows PowerShell background jobs, see `about_Jobs` (<https://go.microsoft.com/fwlink/?LinkID=113251>).

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-AutoUpgrade <Boolean>`

Specifies whether to encrypt all name resolutions to this server using the DoH settings. The upgrade occurs if the server is configured on an adapter or if it is

part of a Name Resolution Policy Table (NRPT) rule. The default is `False`.

|                             |                       |
|-----------------------------|-----------------------|
| Required?                   | false                 |
| Position?                   | 3                     |
| Default value               | None                  |
| Accept pipeline input?      | True (ByPropertyName) |
| 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 |

**-DohTemplate <String>**

Specifies a valid URI template used to connect to the DoH server.

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

**-InputObject <CimInstance[]>**

Specifies the input to this cmdlet. You can use this parameter, or you can pipe the input to this cmdlet.

|                             |                |
|-----------------------------|----------------|
| Required?                   | true           |
| Position?                   | named          |
| Default value               | None           |
| Accept pipeline input?      | True (ByValue) |
| 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.

|                             |       |
|-----------------------------|-------|
| Required?                   | false |
| Position?                   | named |
| Default value               | False |
| Accept pipeline input?      | False |
| Accept wildcard characters? | false |

**-ServerAddress <String[]>**

Specifies the IP address of the DoH server.

|                             |                                |
|-----------------------------|--------------------------------|
| Required?                   | true                           |
| Position?                   | 0                              |
| Default value               | None                           |
| Accept pipeline input?      | True (ByPropertyName, ByValue) |
| 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

-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

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

## INPUTS

System.String[]

Microsoft.Management.Infrastructure.CimInstance[]

System.String

System.Boolean

## OUTPUTS

Microsoft.Management.Infrastructure.CimInstance

Microsoft.Management.Infrastructure.CimInstance#ROOT/StandardCimv2/MSFT\_DNSClientDohServerAddress

## NOTES

----- Example 1: Change the URI template for a DoH server -----

```
Set-DnsClientDohServerAddress -ServerAddress 10.23.1.1 -DohTemplate https://adatum.com/dns-query
```

This example changes the URI template for 10.23.1.1. The command sets the `AutoUpgrade` and `AllowFallbackToUdp` values to the default value `False``.

Example 2: Change the URI template for a DoH server with automatic upgrade

```
Set-DnsClientDohServerAddress -ServerAddress 10.23.1.1 -DohTemplate https://adatum.com/dns-query -AutoUpgrade $True
```

This example changes the URI template for 10.23.1.1. The command also upgrades any resolutions to 10.23.1.1. The AllowFallbackToUdp parameter value defaults to `False`. If the encrypted name resolution fails, it does not revert to unencrypted DNS.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/dnsclient/set-dnsclientdohserveraddress?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/dnsclient/set-dnsclientdohserveraddress?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

Add-DnsClientDohServerAddress

Add-DnsClientNrptRule

Get-DnsClientDohServerAddress

Remove-DnsClientDohServerAddress