



python



PowerShell

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### **PowerShell Get-Help on command 'Set-DnsClientServerAddress'**

**PS C:\Users\wahid> Get-Help Set-DnsClientServerAddress**

#### NAME

Set-DnsClientServerAddress

#### SYNOPSIS

Sets DNS server addresses associated with the TCP/IP properties on an interface.

#### SYNTAX

```
Set-DnsClientServerAddress [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
-InputObject <CimInstance[]> [-PassThru] [-ResetServerAddresses]
[-ServerAddresses <String[]>] [-ThrottleLimit <Int32>] [-Validate] [-WhatIf]
[<CommonParameters>]
```

```
Set-DnsClientServerAddress [-InterfaceAlias] <String[]> [-AsJob] [-CimSession
<CimSession[]>] [-Confirm] [-PassThru] [-ResetServerAddresses]
[-ServerAddresses <String[]>] [-ThrottleLimit <Int32>] [-Validate] [-WhatIf]
[<CommonParameters>]
```

```
Set-DnsClientServerAddress [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
-InterfaceIndex <UInt32[]> [-PassThru] [-ResetServerAddresses]
```

`[-ServerAddresses <String[]>] [-ThrottleLimit <Int32>] [-Validate] [-WhatIf]`  
`[<CommonParameters>]`

## DESCRIPTION

The `Set-DnsClientServerAddress` cmdlet sets one or more IP addresses for DNS servers associated with an interface. This cmdlet statically adds DNS server addresses to the interface. If this cmdlet is used to add DNS servers to the interface, then the DNS servers will override any DHCP configuration for that interface.

## PARAMETERS

`-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>).

`-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.

-InputObject <CimInstance[]>

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

-InterfaceAlias <String[]>

Specifies the friendly name of the interface.

-InterfaceIndex <UInt32[]>

Specifies the index number of the interface.

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

-ResetServerAddresses [<SwitchParameter>]

Resets the DNS server IP addresses to the default value.

-ServerAddresses <String[]>

Specifies a list of DNS server IP addresses to set for the interface.

-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.

-Validate [<SwitchParameter>]

Validates that one or more IP addresses are responsive DNS servers before

the IP addresses are set to the interface. This parameter must be used with the `ServerAddress` parameter.

`-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: Set the DNS server addresses on an interface with a specified index value

```
PS C:\> Set-DnsClientServerAddress -InterfaceIndex 12 -ServerAddresses ("10.0.0.1","10.0.0.2")
```

This example sets the DNS server addresses on a specified interface with the index value of 12.

Example 2: Reset a DNS client to use the default DNS server addresses

```
PS C:\> Set-DnsClientServerAddress -InterfaceIndex 12 -ResetServerAddresses
```

This example resets the DNS client to use the default DNS server addresses specified by DHCP on the interface with an index value of 12.

## REMARKS

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

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

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

For online help, type: `"get-help Set-DnsClientServerAddress -online"`