



python



PowerShell

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PowerShell Get-Help on command 'Get-DnsClientServerAddress'

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

NAME

Get-DnsClientServerAddress

SYNOPSIS

Gets DNS server IP addresses from the TCP/IP properties on an interface.

SYNTAX

```
Get-DnsClientServerAddress [[-InterfaceAlias] <String[]>] [-AddressFamily  
{IPv4 | IPv6}] [-AsJob] [-CimSession <CimSession[]>] [-InterfaceIndex  
<UInt32[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-DnsClientServerAddress cmdlet gets one or more DNS server IP addresses associated with the interfaces on the computer.

PARAMETERS

-AddressFamily <AddressFamily[]>

Specifies the address family. The acceptable values for this parameter

are: IPv4 or IPv6.

`-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.

`-InterfaceAlias <String[]>`

Specifies the friendly name of the interface.

`-InterfaceIndex <UInt32[]>`

Specifies the index number of 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.

<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: Get DNS server IP addresses for all interfaces --

```
PS C:\> Get-DnsClientServerAddress
```

This example gets the DNS server IP addresses configured on all the interfaces on a computer.

Example 2: Get DNS server IP addresses for a specified interface

```
PS C:\> Get-DnsClientServerAddress -InterfaceAlias "Wired Ethernet Connection"
```

This example gets the DNS server IP addresses configured on the interface named Wired Ethernet Connection.

REMARKS

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

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

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

For online help, type: "get-help Get-DnsClientServerAddress -online"