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

PS:>Get-HELP Set-DnsClient -Full

NAME

Set-DnsClient

SYNOPSIS

Sets the interface-specific DNS client configurations on the computer.

SYNTAX

```
Set-DnsClient [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-ConnectionSpecificSuffix <String>] -InputObject  
<CimInstance[]> [-PassThru]  
[-RegisterThisConnectionsAddress <Boolean>] [-ResetConnectionSpecificSuffix] [-ThrottleLimit <Int32>]  
[-UseSuffixWhenRegistering <Boolean>] [-WhatIf]  
[<CommonParameters>]
```

```
Set-DnsClient [-InterfaceAlias] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-ConnectionSpecificSuffix  
<String>] [-PassThru]  
[-RegisterThisConnectionsAddress <Boolean>] [-ResetConnectionSpecificSuffix] [-ThrottleLimit <Int32>]  
[-UseSuffixWhenRegistering <Boolean>] [-WhatIf]  
[<CommonParameters>]
```

```
Set-DnsClient [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-ConnectionSpecificSuffix <String>] -InterfaceIndex  
<UInt32[]> [-PassThru]  
[-RegisterThisConnectionsAddress <Boolean>] [-ResetConnectionSpecificSuffix] [-ThrottleLimit <Int32>]  
[-UseSuffixWhenRegistering <Boolean>] [-WhatIf]  
[<CommonParameters>]
```

DESCRIPTION

The Set-DnsClient cmdlet sets the interface-specific DNS client configurations on the computer.

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>).

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

[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

-ConnectionSpecificSuffix <String>

Specifies the connection-specific suffixes to append. This parameter value is a per-connection DNS suffix to append to the computer name to construct a Fully

Qualified Domain Name (FQDN). This FQDN is used as the host name for name resolution by the DNS client.

Required? false
Position? named
Default value None
Accept pipeline input? False
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

-InterfaceAlias <String[]>

Specifies the friendly name of the interface.

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-InterfaceIndex <UInt32[]>

Specifies the index number of the interface.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName, 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

-RegisterThisConnectionsAddress <Boolean>

Indicates whether the IP address for this connection is to be registered.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResetConnectionSpecificSuffix [<SwitchParameter>]

Resets the connection-specific suffix to the default value.

Required? false

Position? named

Default value False

Accept pipeline input? False

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

-UseSuffixWhenRegistering <Boolean>

Indicates whether this host name and the connection-specific suffix for this connection are to be registered. *Page 5/8*

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

Microsoft.Management.Infrastructure.CimInstance#root\StandardCimv2\MSFT_DNSClient

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (#) provides the namespace and class name for the underlying WMI object.

Microsoft.Management.Infrastructure.CimInstance#root\StandardCimv2\MSFT_DNSClientServerAddress

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (#) provides the namespace and class name for the underlying WMI object.

`Microsoft.Management.Infrastructure.CimInstance#root\StandardCimv2\MSFT_NetAdapter`

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (`#`) provides the namespace and class name for the underlying WMI object.

`Microsoft.Management.Infrastructure.CimInstance#root\StandardCimv2\MSFT_NetPIInterface`

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the

pound sign (`#`) provides the namespace and class name for the underlying WMI object.

OUTPUTS

`Microsoft.Management.Infrastructure.CimInstance#root\StandardCimv2\MSFT_DNSClient`

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the

pound sign (`#`) provides the namespace and class name for the underlying WMI object.

NOTES

----- Example 1: Set the connection-specific suffix -----

```
PS C:\> Set-DnsClient -InterfaceIndex 12 -ConnectionSpecificSuffix "corp.contoso.com"
```

This example sets the connection-specific suffix on an interface with index 12.

RELATED LINKS

	Online	Version:
https://learn.microsoft.com/powershell/module/dnsclient/set-dnsclient?view=windowsserver2022-ps&wt.mc_id=ps-gethelp		
Get-DnsClient		Page 7/8

Register-DnsClient