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PowerShell

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PowerShell Get-Help on command 'Set-VpnConnectionProxy'

PS C:\Users\wahid> Get-Help Set-VpnConnectionProxy

NAME

Set-VpnConnectionProxy

SYNOPSIS

Configures web proxy information for the specified VPN connection.

SYNTAX

```
Set-VpnConnectionProxy [-ConnectionName] <String> [-AsJob]
[-AutoConfigurationScript <String>] [-AutoDetect] [-BypassProxyForLocal]
[-CimSession <CimSession[]>] [-Confirm] [-ExceptionPrefix <String[]>]
[-PassThru] [-ProxyServer <String>] [-ThrottleLimit <Int32>] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Set-VpnConnectionProxy cmdlet configures web proxy information for the specified VPN connection. If errors occur when you modify the web proxy information, the error information is returned.

Note that VPN proxy settings are only used on forced tunnel connections. On

split tunnel connections, the general proxy settings are used.

PARAMETERS

-AsJob [`<SwitchParameter>`]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

-AutoConfigurationScript `<String>`

Specifies the name of the automatic WPAD configuration script that the specified connection uses.

-AutoDetect [`<SwitchParameter>`]

Indicates that proxy settings are automatically detected.

-BypassProxyForLocal [`<SwitchParameter>`]

Indicates that the proxy configuration is bypassed for local addresses.

-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 (/powershell/module/cimcmdlets/new-cimsession)` 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.

-ConnectionName `<String>`

Specifies the name of a VPN connection profile. To view existing VPN connection profiles, use the `Get-VpnConnection` cmdlet.

-ExceptionPrefix `<String[]>`

Specifies the prefixes for internet addresses for which the proxy is not to be used.

-PassThru [<SwitchParameter>]

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

-ProxyServer <String>

Specifies the web proxy server IP address and port number. Specify the address and port separated by a colon. For example, 10.0.0.1:8080. If you do not specify the port number, port 80 is used.

-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.

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

Example 1: Configure the proxy settings for a VPN connection profile

```
PS C:\>Set-VpnConnectionProxy -ConnectionName "Contoso" -ProxyServer  
"10.0.0.1:8080" -BypassProxyForLocal -PassThru
```

This command sets the proxy configuration for the VPN connection named Contoso to use the proxy server with IP address 10.0.0.1 over port 8080, as specified by the ProxyServer parameter. The command also specifies that internal IP addresses are not routed to the proxy server, as specified by the BypassProxyForLocal parameter.

Example 2: Configure proxy and exclude based on domain and network

```
PS C:\>Set-VpnConnectionProxy -ConnectionName "Contoso" -ProxyServer  
"10.0.0.1:8080" -ExcludePrefix '10.', '*.microsoft.com'
```

This command also sets the proxy for Contoso VPN and also specifies prefixes for addresses that will not use proxy via the ExcludePrefix parameter. This exclude 10.0.0.0/8 and *.microsoft.com.

REMARKS

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

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

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

For online help, type: "get-help Set-VpnConnectionProxy -online"