



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

PS:\>Get-HELP Set-AzVpnClientIpsecParameter -Full

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' include unapproved verbs that might make them less discoverable.

To find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

Set-AzVpnClientIpsecParameter

SYNOPSIS

Sets the vpn ipsec parameters for existing virtual network gateway.

SYNTAX

```

Set-AzVpnClientIpsecParameter [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject
<Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway> -ResourceGroupName <System.String>
-VirtualNetworkGatewayName <System.String>
-VpnClientIPsecParameter <Microsoft.Azure.Commands.Network.Models.PSVpnClientIPsecParameters> [-Confirm]
[-WhatIf] [<CommonParameters>]
```

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ResourceGroupName
    <System.String> -ResourceId <System.String> -VirtualNetworkGatewayName <System.String>
-VpnClientIPsecParameter
    <Microsoft.Azure.Commands.Network.Models.PSVpnClientIPsecParameters> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

DESCRIPTION

The Set-AzVpnClientIpsecParameter cmdlet sets the vpn ipsec parameters for existing virtual network gateway. When Virtual network gateway is created, it sets the set of default vpn ipsec policies on Gateway. In case, Point to site user wants to use certain custom ipsec policy to connect to VPN Gateway, user has to set that ipsec policy on VPN Gateway first. Set-AzVpnClientIpsecParameter provides a way to do that.

PARAMETERS

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

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

-InputObject <Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway>

The virtual network gateway object

Required?	true
Position?	named
Default value	None
Accept pipeline input?	True (ByValue)
Accept wildcard characters?	false

-ResourceGroupName <System.String>

The resource group name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

The Azure resource ID.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VirtualNetworkGatewayName <System.String>

The virtual network gateway name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VpnClientIpsecParameter <Microsoft.Azure.Commands.Network.Models.PSVpnClientIpsecParameters>

Vpn client ipsec parameters. This parameter value can be constructed using PS command

let-New-AzVpnClientIpsecParameter

Required? true

Position? named
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-Confirm <System.Management.Automation.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 <System.Management.Automation.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

Microsoft.Azure.Commands.Network.Models.PSVpnClientIPsecParameters

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVpnClientIPsecParameters

NOTES

Example 1: Sets a custom vpn ipsec policy to existing virtual network gateway.

```
$vpnclientipsecparams = New-AzVpnClientIpsecParameter -IpsecEncryption AES256 -IpsecIntegrity SHA256  
-SALifeTime 86473 -SADDataSize 429498 -IkeEncryption AES256  
-IkeIntegrity SHA384 -DhGroup DHGroup2 -PfsGroup PFS2  
$setvpnIpsecParams = Set-AzVpnClientIpsecParameter -VirtualNetworkGatewayName "ContosoLocalGateway"  
-ResourceGroupName "ContosoResourceGroup" -VpnClientIPsecParameter  
$vpnclientipsecparams
```

This example sets custom vpn ipsec policy to existing virtual network gateway named ContosoVirtualGateway from Resource group named ContosoResourceGroup.

New-AzVpnClientIpsecParameter cmdlet is used to create the vpn ipsec parameters object of using the passed one or all parameters' values which user can set for any

existing Virtual network gateway in ResourceGroup. This created VpnClientIPsecParameters object is passed to Set-AzVpnClientIpsecParameter command to set the

specified Vpn ipsec custom policy on Virtual network gateway as shown in above example. This command returns object

of VpnClientIpsecParameters which shows set parameters.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.network/set-azvpnclientipsecparameter>

Get-AzVpnClientIpsecParameter

New-AzVpnClientIpsecParameter

Remove-AzVpnClientIpsecParameter