



Windows PowerShell Get-Help on Cmdlet 'Get-AzVirtualNetworkGatewayVpnClientConnectionHealth'

PS: \> Get-HELP Get-AzVirtualNetworkGatewayVpnClientConnectionHealth -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

Get-AzVirtualNetworkGatewayVpnClientConnectionHealth

SYNOPSIS

Get the list of vpn client connection health of an Azure virtual network gateway for per vpn client connection

SYNTAX

Get-AzVirtualNetworkGatewayVpnClientConnectionHealth [-AsJob] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-InputObject

<Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway>] [-Confirm] [-WhatIf] [<CommonParameters>]

Get-AzVirtualNetworkGatewayVpnClientConnectionHealth [-AsJob] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-ResourceGroupName <System.String> -VirtualNetworkGatewayName

<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Get-AzVirtualNetworkGatewayVpnClientConnectionHealth [-AsJob] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ResourceId

<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

List all connected vpn client connection health. This includes: vpnConnectionId vpnConnectionDuration
vpnConnectionTime publicIpAddress privateIpAddress vpnUserName

maxBandwidth egressPacketsTransferred egressBytesTransferred ingressPacketsTransferred ingressBytesTransferred
maxPacketsPerSecond

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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>

Virtual network gateway object

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

-ResourceGroupName <System.String>

Virtual network gateway resource group's name

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

-ResourceId <System.String>

Virtual network gateway resource Id

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

-VirtualNetworkGatewayName <System.String>

Virtual network gateway name

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

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>).

INPUTS

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSGatewayRoute

NOTES

----- Example 1 -----

```
Get-AzVirtualNetworkGatewayVpnClientConnectionHealth -ResourceName gatewayName -ResourceGroupName  
resourceGroup
```

VpnConnectionId : OVPN_0085393D-B345-4846-0426-140616833F4C

VpnConnectionDuration : 27878

VpnConnectionTime : 05/30/2019 16:03:11

PublicIpAddress : 13.78.148.224:39672

PrivateIpAddress : 10.1.1.131

VpnUserName : GWP2SChildCert

MaxBandwidth : 48000000

EgressPacketsTransferred : 104084

EgressBytesTransferred : 4059276

IngressPacketsTransferred : 1410

IngressBytesTransferred : 67680

MaxPacketsPerSecond : 1

VpnConnectionId : OVPN_00F692AC-2D6F-DE7B-DCAF-07BE896233A0

VpnConnectionDuration : 27878

VpnConnectionTime : 05/30/2019 16:03:11

PublicIpAddress : 13.78.148.224:39692

PrivateIpAddress : 10.1.1.79

VpnUserName : GWP2SChildCert

MaxBandwidth : 48000000

EgressPacketsTransferred : 104623

EgressBytesTransferred : 4080297

IngressPacketsTransferred : 1416

IngressBytesTransferred : 67968

MaxPacketsPerSecond : 1

For the Azure virtual network gateway named gatewayname in resource group resourceGroup, retrieves the currently connected vpn client connection by using OpenVpn.

----- Example 2 -----

```
Get-AzVirtualNetworkGatewayVpnClientConnectionHealth -ResourceGroupName resourceGroup  
-VirtualNetworkGatewayName 'ContosoVirtualNetwork'
```

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.network/get-azvirtualnetworkgatewayvpnclientconnectionhealth>