



Windows PowerShell Get-Help on Cmdlet 'Get-AzP2sVpnGatewayConnectionHealth'

PS: \> Get-HELP Get-AzP2sVpnGatewayConnectionHealth -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-AzP2sVpnGatewayConnectionHealth

SYNOPSIS

Gets the current aggregated point to site connections health information from P2SVpnGateway.

SYNTAX

Get-AzP2sVpnGatewayConnectionHealth [-DefaultProfile

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

<Microsoft.Azure.Commands.Network.Models.PSP2SVpnGateway> [<CommonParameters>]

Get-AzP2sVpnGatewayConnectionHealth [-DefaultProfile

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

<System.String>] -ResourceGroupName <System.String> [<CommonParameters>]

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

<System.String> [<CommonParameters>]

DESCRIPTION

The Get-AzP2sVpnGatewayConnectionHealth cmdlet enables you to get the current aggregated health of point to site connections from P2SVpnGateway. Aggregated health

shows number of point to site clients connected to P2SVpnGateway, total ingress and egress bytes transferred through P2SVpnGateway and allocated ip addresses for connected point to site clients.

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.PSP2SVpnGateway>

The p2s vpn gateway object to be modified

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

The resource name.

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

-ResourceGroupName <System.String>

The resource group name.

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

-ResourceId <System.String>

The Azure resource ID of the P2SVpnGateway to be modified.

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

System.String

Microsoft.Azure.Commands.Network.Models.PSP2SVpnGateway

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSP2SVpnGateway

NOTES

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

```
Get-AzP2sVpnGatewayConnectionHealth -ResourceGroupName P2SCortexGATesting -Name
683482ade8564515aed4b8448c9757ea-westus-gw
```

```
ResourceGroupName      : P2SCortexGATesting
Name                   : 683482ade8564515aed4b8448c9757ea-westus-gw
Id                     :
```

```
/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network
/p2sVpnGateways/683482ade8564515a
```

```
ed4b8448c9757ea-westus-gw
```

```
Location               : westus
VpnGatewayScaleUnit    : 1
VirtualHub             :
```

```
/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network
/virtualHubs/WestUsVirtualHub
```

```
VpnServerConfiguration :
```

/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network
/vpnServerConfigurations/WestUsConfig

VpnServerConfigurationLocation :

```
VpnClientConnectionHealth    : {  
  "VpnClientConnectionsCount": 2,  
  "AllocatedIpAddresses": { "192.168.2.1", "192.168.2.2" },  
  "TotalIngressBytesTransferred": 100,  
  "TotalEgressBytesTransferred": 200  
}
```

Type : Microsoft.Network/p2sVpnGateways

ProvisioningState : Succeeded

```
P2SConnectionConfigurations : [  
  {  
    "ProvisioningState": "Succeeded",  
    "VpnClientAddressPool": {  
      "AddressPrefixes": [  
        "192.168.2.0/24"  
      ]  
    },  
    "Name": "P2SConnectionConfigDefault",  
    "Etag": "W/\"4b96e6a2-b4d8-46b3-9210-76d40f359bef\"",  
    "Id":
```

/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network
/p2sVpnGateways/683482

```
ade8564515aed4b8448c9757ea-westus-gw/p2sConnectionConfigurations/P2SConnectionConfigDefault"  
  }  
]
```

The Get-AzP2sVpnGatewayConnectionHealth cmdlet enables you to get the current aggregated health of point to site connections from P2SVpnGateway. Above command let

output health shows that number of point to site clients connected to P2SVpnGateway are 2. Total ingress and egress bytes transferred through P2SVpnGateway are 100

and 200 respectively. Allocated ip addresses for connected point to site clients are "192.168.2.1", "192.168.2.2".

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.network/get-azp2svpngatewayconnectionhealth>