



Windows PowerShell Get-Help on Cmdlet 'Start-AzVirtualNetworkGatewayConnectionPacketCapture'

PS:\>Get-HELP Start-AzVirtualNetworkGatewayConnectionPacketCapture -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

Start-AzVirtualNetworkGatewayConnectionPacketCapture

SYNOPSIS

Starts Packet Capture Operation on a Virtual Network Gateway Connection.

SYNTAX

Start-AzVirtualNetworkGatewayConnectionPacketCapture [-AsJob] [-DefaultProfile

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

<System.String>] -InputObject

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

[<CommonParameters>]

Start-AzVirtualNetworkGatewayConnectionPacketCapture [-AsJob] [-DefaultProfile

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

<System.String>] -Name <System.String> -ResourceGroupName

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

Start-AzVirtualNetworkGatewayConnectionPacketCapture [-AsJob] [-DefaultProfile

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

<System.String>] -ResourceId <System.String> [-Confirm]

[-WhatIf] [<CommonParameters>]

DESCRIPTION

Starts Packet Capture Operation on a Virtual Network Gateway Connection.

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

-FilterData <System.String>

Filter options for start packet capture on virtual network gateway connection.

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

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

The virtual network gateway connection object where packet capture to be started.

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

-Name <System.String>

The virtual network gateway connection name where packet capture to be started.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	False
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 of the VirtualNetworkGatewayConnection where packet capture to be started.

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

Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGatewayConnection

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGatewayPacketCaptureResult

NOTES

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

```
Start-AzVirtualNetworkGatewayConnectionPacketCapture -ResourceGroupName "PktCaptureTestSite2RG" -Name  
"PktCaptureTestSite2Site1Cn"
```

Code : Succeeded

EndTime : 10/1/2019 12:52:37 AM

StartTime : 10/1/2019 12:52:25 AM

ResultsText :

ResourceGroupName : PktCaptureTestSite2RG

Location : centraluseuap

ResourceGuid : ac70028f-5b88-4ad4-93d3-0b9a9172c382

Type :

Tag :
TagsTable :
Name : PktCaptureTestSite2Site1Cn
Etag :
Id :

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

```
$a="{`"TracingFlags`":11,`"MaxPacketBufferSize`":120,`"MaxFileSize`":500,`"Filters`":[{"SourceSubnets`":["10.19.0.4/32`,`10.20.0.4/32`"],`"DestinationSubnets`":["10.20.0.4/32`,`10.19.0.4/32`"],`"TcpFlags`":-1,`"Protocol`":[6],`"CaptureSingleDirectionTrafficOnly`":true}]}"  
Start-AzVirtualNetworkGatewayConnectionPacketCapture -ResourceGroupName "PktCaptureTestSite2RG" -Name  
"PktCaptureTestSite2Site1Cn" -FilterData $a
```

Code : Succeeded
EndTime : 10/1/2019 12:52:37 AM
StartTime : 10/1/2019 12:52:25 AM
ResultsText :
ResourceGroupName : PktCaptureTestSite2RG
Location : centraluseuap
ResourceGuid : ac70028f-5b88-4ad4-93d3-0b9a9172c382
Type :
Tag :
TagsTable :
Name : PktCaptureTestSite2Site1Cn
Etag :
Id :

----- Example 3 -----

```
$a = '{"TracingFlags`": 11,`"MaxPacketBufferSize`": 120,`"MaxFileSize`": 500,`"Filters`": [{"CaptureSingleDirectionTrafficOnly`": false}]}'

Start-AzVirtualNetworkGatewayConnectionPacketCapture -ResourceGroupName "PktCaptureTestSite2RG" -Name "PktCaptureTestSite2Site1Cn" -FilterData $a
```

```
Code          : Succeeded
EndTime       : 10/1/2019 12:52:37 AM
StartTime     : 10/1/2019 12:52:25 AM
ResultsText   :
ResourceGroupName : PktCaptureTestSite2RG
Location      : centraluseuap
ResourceGuid   : ac70028f-5b88-4ad4-93d3-0b9a9172c382
Type          :
Tag           :
TagsTable     :
Name          : PktCaptureTestSite2Site1Cn
Etag          :
Id           :
```

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.network/start-azvirtualnetworkgatewayconnectionpacketcapture>

Stop-AzVirtualNetworkGatewayConnectionPacketCapture

