



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

PS:\>Get-HELP Start-AzVirtualnetworkGatewayPacketCapture -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-AzVirtualnetworkGatewayPacketCapture

SYNOPSIS

Starts Packet Capture Operation on a Virtual Network Gateway.

SYNTAX

```

Start-AzVirtualnetworkGatewayPacketCapture [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-FilterData <System.String>] -InputObject <Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway>
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Start-AzVirtualnetworkGatewayPacketCapture [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-FilterData <System.String>] -Name <System.String> -ResourceGroupName <System.String> [-Confirm] [-WhatIf]

```

[<CommonParameters>]

Start-AzVirtualnetworkGatewayPacketCapture

[-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.

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.

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 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 name where packet capture is 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 VirtualNetworkGateway 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.PSVirtualNetworkGateway

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGatewayPacketCaptureResult

NOTES

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

```
Start-AzVirtualnetworkGatewayPacketCapture -ResourceGroupName "PktCaptureTestSite2RG" -Name  
"PktCaptureTestSite2VNG"
```

Code : Succeeded

EndTime : 10/1/2019 12:57:27 AM

StartTime : 10/1/2019 12:57:16 AM

ResultsText :

ResourceGroupName : PktCaptureTestSite2RG

Location : centraluseuap

ResourceGuid : 161c0fff-f3fd-4698-9ab3-8ca9470de975

Type :

Tag :

TagsTable :

Name : PktCaptureTestSite2VNG
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-AzVirtualnetworkGatewayPacketCapture -ResourceGroupName "PktCaptureTestSite2RG" -Name  
"PktCaptureTestSite2VNG" -FilterData $a
```

Code : Succeeded
EndTime : 10/1/2019 12:57:27 AM
StartTime : 10/1/2019 12:57:16 AM
ResultsText :
ResourceGroupName : PktCaptureTestSite2RG
Location : centraluseuap
ResourceGuid : 161c0fff-f3fd-4698-9ab3-8ca9470de975
Type :
Tag :
TagsTable :
Name : PktCaptureTestSite2VNG
Etag :
Id :

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

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

```
Start-AzVirtualnetworkGatewayPacketCapture -ResourceGroupName "PktCaptureTestSite2RG" -Name "PktCaptureTestSite2VNG" -FilterData $a
```

Code : Succeeded

EndTime : 10/1/2019 12:57:27 AM

StartTime : 10/1/2019 12:57:16 AM

ResultsText :

ResourceGroupName : PktCaptureTestSite2RG

Location : centraluseuap

ResourceGuid : 161c0fff-f3fd-4698-9ab3-8ca9470de975

Type :

Tag :

TagsTable :

Name : PktCaptureTestSite2VNG

Etag :

Id :

RELATED LINKS

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

Stop-AzVirtualnetworkGatewayPacketCapture