Windows PowerShell Get-Help on Cmdlet 'New-AzFirewallPacketCaptureParameter'

PS:\>Get-HELP New-AzFirewallPacketCaptureParameter -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

New-AzFirewallPacketCaptureParameter

SYNOPSIS

Create a Packet Capture Parameter for Azure Firewall

SYNTAX

New-AzFirewallPacketCaptureParameter [-DefaultProfile <IAzureContextContainer>] -DurationInSeconds <UInt32> -FileName <String> -Filter

<PSAzureFirewallPacketCaptureRule[]> [-Flag <String[]>] -NumberOfPacketsToCapture <UInt32> [-Protocol {Any | TCP | UDP | ICMP}] -SasUrl <String> [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

Create a Packet Capture Parameter for Azure Firewall

PARAMETERS

-DefaultProfile <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

-DurationInSeconds <UInt32>

The intended durations of packet capture in seconds

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FileName <String>

Name of packet capture file

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Filter <PSAzureFirewallPacketCaptureRule[]>

The list of filters to capture

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Flag <String[]>

The list of tcp-flags to capture

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NumberOfPacketsToCapture <UInt32>

The intended number of packets to capture

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Protocol <String>

The Protocols to capture

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SasUrl <String>

Upload capture storage container SASURL with write and delete permissions

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Confirm [<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 [<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

None

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSAzureFirewallPacketCaptureParameters

NOTES

Example 1: Configuring Azure Firewall Packet Capture with Advanced Rules and Parameters

```
$filter1 = New-AzFirewallPacketCaptureRule -Source "10.0.0.2","192.123.12.1" -Destination "172.32.1.2" -DestinationPort "80","443"
$filter2 = New-AzFirewallPacketCaptureRule -Source "10.0.0.5" -Destination "172.20.10.2" -DestinationPort "80","443"

# Create the firewall packet capture parameters
    New-AzFirewallPacketCaptureParameter -DurationInSeconds 300 -NumberOfPacketsToCapture 5000 -SASUrl "ValidSasUrl" -Filename "AzFwPacketCapture" -Flag "Syn","Ack"
-Protocol "Any" -Filter $Filter1, $Filter2
```

This creates the parameter for packet capture request with a set of rules.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.network/new-azfirewallpacketcaptureparameter