



Windows PowerShell Get-Help on Cmdlet 'Invoke-AzFirewallPacketCapture'

PS:\>Get-HELP Invoke-AzFirewallPacketCapture -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

Invoke-AzFirewallPacketCapture

SYNOPSIS

Invoke Packet Capture on Azure Firewall

SYNTAX

Invoke-AzFirewallPacketCapture [-AsJob] -AzureFirewall <PSAzureFirewall> [-DefaultProfile <IAzureContextContainer>]

-Parameter

<PSAzureFirewallPacketCaptureParameters> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Invokes a packet capture request on Azure Firewall

PARAMETERS

-AsJob [<SwitchParameter>]

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-AzureFirewall <PSAzureFirewall>

The AzureFirewall

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-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

-Parameter <PSAzureFirewallPacketCaptureParameters>

The packet capture parameters

Required? true

Position? named
Default value None
Accept pipeline input? True (ByValue)
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.Network.Models.PSAzureFirewall

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSAzureFirewallPacketCaptureParameters

NOTES

Example 1: Invokes a packet capture request on Azure Firewall

```
$azureFirewall = New-AzFirewall -Name $azureFirewallName -ResourceGroupName $rgname -Location $location
```

```
$azFirewall = Get-AzFirewall -Name $azureFirewallName -ResourceGroupName $rgname
```

```
# Create a filter rules
```

```
$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
```

```
$Params = New-AzFirewallPacketCaptureParameter -DurationInSeconds 300 -NumberOfPacketsToCapture 5000  
-SASUrl "ValidSasUrl" -Filename "AzFwPacketCapture" -Flag  
"Syn","Ack" -Protocol "Any" -Filter $Filter1, $Filter2
```

```
# Invoke a firewall packet capture
```

```
Invoke-AzFirewallPacketCapture -AzureFirewall $azureFirewall -Parameter $Params
```

This example invokes packet capture request on azure firewall with the parameters mentioned.

RELATED LINKS

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