



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

PS: \> Get-HELP New-AzNetworkWatcher -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-AzNetworkWatcher

SYNOPSIS

Creates a new Network Watcher resource.

SYNTAX

```
New-AzNetworkWatcher [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Location  
<System.String> -Name  
    <System.String> -ResourceGroupName <System.String> [-Tag <System.Collections.Hashtable>] [-Confirm] [-WhatIf]  
[<CommonParameters>]
```

The New-AzNetworkWatcher cmdlet creates a new Network Watcher resource.

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

-Location <System.String>

Location.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

The network watcher name.

Required? true

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

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table. For example: @{key0="value0";key1=\$null;key2="value2"}

Required? false
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

System.String

System.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher

NOTES

Keywords: azure, azurearm, arm, resource, management, manager, network, networking, network watcher

----- Example 1: Create a Network Watcher -----

New-AzResourceGroup -Name NetworkWatcherRG -Location westcentralus

New-AzNetworkWatcher -Name NetworkWatcher_westcentralus -ResourceGroupName NetworkWatcherRG

Name : NetworkWatcher_westcentralus

Id :

/subscriptions/bbbbbbbbbb-bbbb-bbbb-bbbb-bbbbbbbbbbbbbb/resourceGroups/NetworkWatcherRG/providers/Microsoft.Network
/networkWatchers/NetworkWatcher_westcentralus

Etag : W/"7cf1f2fe-8445-4aa7-9bf5-c15347282c39"

Location : westcentralus

Tags :

ProvisioningState : Succeeded

This example creates a new Network Watcher inside a newly created Resource Group. Note that only one Network Watcher can be created per region per subscription.

RELATED LINKS

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

New-AzNetworkWatcher

Get-AzNetworkWatcher

Remove-AzNetworkWatcher

Get-AzNetworkWatcherNextHop

Get-AzNetworkWatcherSecurityGroupView

Get-AzNetworkWatcherTopology

Start-AzNetworkWatcherResourceTroubleshooting

New-AzNetworkWatcherPacketCapture

New-AzPacketCaptureFilterConfig

Get-AzNetworkWatcherPacketCapture

Remove-AzNetworkWatcherPacketCapture

Stop-AzNetworkWatcherPacketCapture

New-AzNetworkWatcherProtocolConfiguration

Test-AzNetworkWatcherIPFlow

Test-AzNetworkWatcherConnectivity

Stop-AzNetworkWatcherConnectionMonitor

Start-AzNetworkWatcherConnectionMonitor

Set-AzNetworkWatcherConnectionMonitor

Set-AzNetworkWatcherConfigFlowLog

Remove-AzNetworkWatcherConnectionMonitor
New-AzNetworkWatcherConnectionMonitor
Get-AzNetworkWatcherTroubleshootingResult
Get-AzNetworkWatcherReachabilityReport
Get-AzNetworkWatcherReachabilityProvidersList
Get-AzNetworkWatcherFlowLogStatus
Get-AzNetworkWatcherConnectionMonitorReport
Get-AzNetworkWatcherConnectionMonitor