



## Windows PowerShell Get-Help on Cmdlet 'New-AzNetworkWatcherConnectionMonitorTestConfigurationObject'

**PS:|>Get-HELP New-AzNetworkWatcherConnectionMonitorTestConfigurationObject -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-AzNetworkWatcherConnectionMonitorTestConfigurationObject

### SYNOPSIS

Create a connection monitor test configuration.

### SYNTAX

New-AzNetworkWatcherConnectionMonitorTestConfigurationObject [-DefaultProfile

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

<System.String> [-PreferredIPVersion <System.String>]

-ProtocolConfiguration

<Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorProtocolConfiguration>

[-SuccessThresholdChecksFailedPercent

<System.Nullable`1[System.Int32]>] [-SuccessThresholdRoundTripTimeMs <System.Nullable`1[System.Double]>]

-TestFrequencySec <System.Int32> [-Confirm] [-WhatIf]

## DESCRIPTION

The `New-AzNetworkWatcherConnectionMonitorTestConfigurationObject` cmdlet creates a connection monitor test configuration.

## 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

`-Name <System.String>`

The name of the connection monitor test configuration.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-PreferredIPVersion <System.String>`

The preferred IP version to use in test evaluation. The connection monitor may choose to use a different version depending on other parameters.

Required? false

Position? named

Default value           None  
Accept pipeline input?   False  
Accept wildcard characters? false

#### -ProtocolConfiguration

<Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorProtocolConfiguration>

The parameters used to perform test evaluation over some protocol.

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

-SuccessThresholdChecksFailedPercent <System.Nullable`1[System.Int32]>

The maximum percentage of failed checks permitted for a test to evaluate as successful.

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

-SuccessThresholdRoundTripTimeMs <System.Nullable`1[System.Double]>

The maximum round-trip time in milliseconds permitted for a test to evaluate as successful.

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

-TestFrequencySec <System.Int32>

The frequency of test evaluation, in seconds.

|                             |       |
|-----------------------------|-------|
| Required?                   | true  |
| Position?                   | named |
| Default value               | None  |
| Accept pipeline input?      | False |
| 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

None

## OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorTestConfigurationObject

## NOTES

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

```
$httpProtocolConfiguration = New-AzNetworkWatcherConnectionMonitorProtocolConfigurationObject -HttpProtocol -Port
443 -Method GET -RequestHeader @{"Allow" = "GET"}
-ValidStatusCodeRange 2xx, 300-308 -PreferHTTPS

$httpTestConfiguration = New-AzNetworkWatcherConnectionMonitorTestConfigurationObject -Name httpTC
-TestFrequencySec 120 -ProtocolConfiguration

$httpProtocolConfiguration -SuccessThresholdChecksFailedPercent 20 -SuccessThresholdRoundTripTimeMs 30
```

Name : httpTC

TestFrequencySec : 120

PreferredIPVersion :

ProtocolConfiguration : {

"Port": 443,

"Method": "GET",

"RequestHeaders": [

{

"Name": "Allow",

"Value": "GET"

```
    }  
  ],  
  "ValidStatusCodeRanges": [  
    "2xx",  
    "300-308"  
  ],  
  "PreferHTTPS": true  
}  
SuccessThreshold : {  
  "ChecksFailedPercent": 20,  
  "RoundTripTimeMs": 30  
}
```

## RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.network/new-aznetworkwatcherconnectionmonitortestconfigurationobject>