



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

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

SYNOPSIS

Create protocol configuration used to perform test evaluation over TCP, HTTP or ICMP.

SYNTAX

New-AzNetworkWatcherConnectionMonitorProtocolConfigurationObject [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

[-DestinationPortBehavior <System.String>] [-DisableTraceRoute] -Port

<System.Nullable`1[System.UInt16]> -TcpProtocol [<CommonParameters>]

New-AzNetworkWatcherConnectionMonitorProtocolConfigurationObject [-DefaultProfile

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

-IcmpProtocol [<CommonParameters>]

```
New-AzNetworkWatcherConnectionMonitorProtocolConfigurationObject [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -HttpProtocol
[-Method <System.String>] [-Path <System.String>] [-Port
    <System.Nullable`1[System.UInt16]>] [-PreferHTTPS] [-RequestHeader <System.Collections.Hashtable>]
[-ValidStatusCodeRange <System.String[]>] [<CommonParameters>]
```

DESCRIPTION

The `New-AzNetworkWatcherConnectionMonitorProtocolConfigurationObject` cmdlet creates protocol configuration used to perform test evaluation over TCP, HTTP or ICMP.

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

`-DestinationPortBehavior` <System.String>

Destination port behavior. Supported values are None, ListenIfAvailable.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-DisableTraceRoute` <System.Management.Automation.SwitchParameter>

Value indicating whether path evaluation with trace route should be disabled.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-HttpProtocol <System.Management.Automation.SwitchParameter>

HTTP protocol switch.

Required? true
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-IcmpProtocol <System.Management.Automation.SwitchParameter>

ICMP protocol switch.

Required? true
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Method <System.String>

The HTTP method to use.

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

Accept wildcard characters? false

-Path <System.String>

The path component of the URI. For instance, "/dir1/dir2".

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Port <System.Nullable`1[System.UInt16]>

The port to connect to.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PreferHTTPS <System.Management.Automation.SwitchParameter>

Value indicating whether HTTPS is preferred over HTTP in cases where the choice is not explicit.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-RequestHeader <System.Collections.Hashtable>

The HTTP headers to transmit with the request.

Required? false

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

-TcpProtocol <System.Management.Automation.SwitchParameter>

TCP protocol switch.

Required? true
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-ValidStatusCodeRange <System.String[]>

HTTP status codes to consider successful. For instance, "2xx,301-304,418".

Required? false
Position? named
Default value None
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.PSNetworkWatcherConnectionMonitorTcpConfiguration

Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorHttpConfiguration

Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorIcmpConfiguration

NOTES

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

```
$TcpProtocolConfiguration = New-AzNetworkWatcherConnectionMonitorProtocolConfigurationObject -TcpProtocol -Port  
80 -DisableTraceRoute
```

Port : 80

DisableTraceRoute : False

----- Example 2 -----

```
New-AzNetworkWatcherConnectionMonitorProtocolConfigurationObject -IcmpProtocol
```

RELATED LINKS

Online

Version:

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