



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

**PS: \>Get-HELP New-AzNetworkWatcherConnectionMonitorObject -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-AzNetworkWatcherConnectionMonitorObject

### SYNOPSIS

Create a connection monitor V2 object.

### SYNTAX

```

New-AzNetworkWatcherConnectionMonitorObject [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Location
<System.String> -Name <System.String> [-Note <System.String>] [-Output
<Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorOutputObject[]>]
[-Tag <System.Collections.Hashtable>] [-TestGroup
<Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorTestGroupObject[]>]
[-Confirm]
[-WhatIf]
[<CommonParameters>]

```

```

New-AzNetworkWatcherConnectionMonitorObject [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
    <System.String> -NetworkWatcher <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher> [-Note
<System.String>] [-Output
    <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorOutputObject[]>] [-Tag
<System.Collections.Hashtable>] [-TestGroup
    <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorTestGroupObject[]>] [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

New-AzNetworkWatcherConnectionMonitorObject [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
    <System.String> -NetworkWatcherName <System.String> [-Note <System.String>] [-Output
    <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorOutputObject[]>]
-ResourceGroupName <System.String> [-Tag <System.Collections.Hashtable>]
    [-TestGroup <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorTestGroupObject[]>]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

## DESCRIPTION

The New-AzNetworkWatcherConnectionMonitorObject cmdlet creates a connection monitor V2 object.

## 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 of the network watcher.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

The connection monitor name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NetworkWatcher <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher>

The network watcher resource.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NetworkWatcherName <System.String>

The name of network watcher.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Note <System.String>

Notes associated with connection monitor.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Output <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorOutputObject[]>

Describes a connection monitor output destinations.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

The name of the network watcher resource group.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

A hashtable which represents resource tags.

Required? false  
Position? named  
Default value None  
Accept pipeline input? True (ByPropertyName)  
Accept wildcard characters? false

-TestGroup <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorTestGroupObject[]>  
The list of test groups.

Required? false  
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).

## INPUTS

None

## OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorObject

## NOTES

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

```
$cmtest = New-AzNetworkWatcherConnectionMonitorObject -Location westcentralus -Name cmV2test -TestGroup
$testGroup1, $testGroup2 -Tag @{"name" = "value"}
```

```
$cmtest
```

```
NetworkWatcherName : NetworkWatcher_westcentralus
```

```
ResourceGroupName  : NetworkWatcherRG
```

```
Name               : cmV2test
```

```
TestGroups         : [
```

```
{
```

```
  "Name": "testGroup1",
```

```

"Disable": false,
"TestConfigurations": [
  {
    "Name": "tcpTC",
    "TestFrequencySec": 60,
    "ProtocolConfiguration": {
      "Port": 80,
      "DisableTraceRoute": false
    },
    "SuccessThreshold": {
      "ChecksFailedPercent": 20,
      "RoundTripTimeMs": 5
    }
  },
  {
    "Name": "icmpTC",
    "TestFrequencySec": 30,
    "PreferredIPVersion": "IPv4",
    "ProtocolConfiguration": {
      "DisableTraceRoute": true
    }
  }
],
"Sources": [
  {
    "Name": "MultiTierApp0(IrinaRGWestcentralus)",
    "ResourceId": "/subscriptions/00000000-0000-0000-0000-00000000/resourceGroups/RGW
estcentralus/providers/Microsoft.Compute/virtualMachines/MultiTierApp0"
  },
  {
    "Name": "NPM-CommonEUS(er-lab)",
    "ResourceId": "/subscriptions/00000000-0000-0000-0000-00000000/resourceGroups/er-lab/p
roviders/Microsoft.OperationalInsights/workspaces/NPM-CommonEUS",

```

```
"Filter": {
  "Type": "Include",
  "Items": [
    {
      "Type": "AgentAddress",
      "Address": "SEA-Cust50-VM01"
    },
    {
      "Type": "AgentAddress",
      "Address": "WIN-P0HGND02S1B"
    }
  ]
}
],
"Destinations": [
  {
    "Name": "bingEndpoint",
    "Address": "bing.com"
  },
  {
    "Name": "googleEndpoint",
    "Address": "google.com"
  }
]
},
{
  "Name": "testGroup2",
  "Disable": false,
  "TestConfigurations": [
    {
      "Name": "httpTC",
      "TestFrequencySec": 120,
```

```

"ProtocolConfiguration": {
  "Port": 443,
  "Method": "GET",
  "RequestHeaders": [
    {
      "Name": "Allow",
      "Value": "GET"
    }
  ],
  "ValidStatusCodeRanges": [
    "2xx",
    "300-308"
  ],
  "PreferHTTPS": true
},
"SuccessThreshold": {
  "ChecksFailedPercent": 20,
  "RoundTripTimeMs": 30
}
},
"Sources": [
  {
    "Name": "MultiTierApp0(IrinaRGWestcentralus)",
    "ResourceId": "/subscriptions/00000000-0000-0000-0000-00000000/resourceGroups/IrinaRGW
estcentralus/providers/Microsoft.Compute/virtualMachines/MultiTierApp0"
  }
],
"Destinations": [
  {
    "Name": "googleEndpoint",
    "Address": "google.com"
  }
}

```

```
    ]
  }
]
Outputs      : null
Notes        :
Tags          : {
               "name": "value"
             }
```

#### RELATED LINKS

Online

Version:

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