



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

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

SYNOPSIS

Creates a connection monitor resource.

SYNTAX

```
New-AzNetworkWatcherConnectionMonitor [-AsJob] [-ConfigureOnly] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestinationAddress
    <System.String>] [-DestinationPort <System.Int32>]
    [-DestinationResourceId <System.String>] [-Force] [-MonitoringIntervalInSeconds <System.Nullable`1[System.Int32]>]
    -Name <System.String> -NetworkWatcherName
    <System.String> -ResourceGroupName <System.String> [-SourcePort <System.Int32>] -SourceResourceId
    <System.String> [-Tag <System.Collections.Hashtable>] [-Confirm]
    [-WhatIf] [<CommonParameters>]
```

```

New-AzNetworkWatcherConnectionMonitor [-AsJob] [-ConfigureOnly] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestinationAddress
<System.String>] -DestinationPort <System.Int32>
    [-DestinationResourceId <System.String>] [-Force] [-MonitoringIntervalInSeconds <System.Nullable`1[System.Int32]>]
-Name <System.String> -NetworkWatcher
    <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher> [-SourcePort <System.Int32>] -SourceResourceId
<System.String> [-Tag <System.Collections.Hashtable>]
    [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

New-AzNetworkWatcherConnectionMonitor [-AsJob] [-ConfigureOnly] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestinationAddress
<System.String>] -DestinationPort <System.Int32>
    [-DestinationResourceId <System.String>] [-Force] -Location <System.String> [-MonitoringIntervalInSeconds
<System.Nullable`1[System.Int32]>] -Name <System.String>
    [-SourcePort <System.Int32>] -SourceResourceId <System.String> [-Tag <System.Collections.Hashtable>] [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

New-AzNetworkWatcherConnectionMonitor [-AsJob] -ConnectionMonitor
<Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorObject> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

New-AzNetworkWatcherConnectionMonitor [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
    -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-AzNetworkWatcherConnectionMonitor [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]

```

```

-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-AzNetworkWatcherConnectionMonitor [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
-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-AzNetworkWatcherConnectionMonitor cmdlet creates a connection monitor resource for specified source and destination (SingleSourcedestination connection monitor) or set of test groups (MultiEndpointConnectionMonitor).

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ConfigureOnly <System.Management.Automation.SwitchParameter>

Configure connection monitor, but do not start it

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

-ConnectionMonitor <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorObject>

Connection monitor object.

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

-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

-DestinationAddress <System.String>

Address of the connection monitor destination (IP or domain name).

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

Accept wildcard characters? false

-DestinationPort <System.Int32>

The destination port used by connection monitor.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DestinationResourceId <System.String>

The ID of the resource used as the destination by connection monitor.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation if you want to overwrite a resource

Required? false

Position? named

Default value False

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

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

Monitoring interval in seconds. Default value is 60 seconds.

Required? false
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? True (ByValue)
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

-SourcePort <System.Int32>

The source port used by connection monitor.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SourceResourceId <System.String>

The ID of the resource used as the source by connection monitor.

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? False

Accept wildcard characters? false

-TestGroup <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorTestGroupObject[]>

The list of test groups.

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).

INPUTS

Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher

System.String

```
System.Collections.Generic.List`1[[Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorTest
GroupObject,
    Microsoft.Azure.PowerShell.Cmdlets.Network, Version=2.2.2.0, Culture=neutral, PublicKeyToken=null]]
```

```
System.Collections.Generic.List`1[[Microsoft.Azure.Commands.Network.Models.PSNetworkWatcherConnectionMonitorOutp
utObject, Microsoft.Azure.PowerShell.Cmdlets.Network,
    Version=2.2.2.0, Culture=neutral, PublicKeyToken=null]]
```

OUTPUTS

```
Microsoft.Azure.Commands.Network.Models.PSConnectionMonitorResultV1
```

```
Microsoft.Azure.Commands.Network.Models.PSConnectionMonitorResultV2
```

NOTES

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

```
New-AzNetworkWatcherConnectionMonitor -NetworkWatcher $nw -Name cm -SourceResourceId
```

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/RgCentralUSEUAP/providers/Microsoft.Compute/virtualMachines/vm -DestinationAddress bing.com
-DestinationPort 80

Name : cm
Id : /subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/NetworkWatcherRG/providers/Microsoft.Network/networkWatchers/NetworkWatcher_centraluseuap/connectionMonitors/t1
Etag : W/"e86b28cf-b907-4475-a8b7-34d310367694"
ProvisioningState : Succeeded
Source : {
"ResourceId": "/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/RgCentralUSEUAP/providers/Microsoft.Compute/virtualMachines/vm",
"Port": 0
}
Destination : {
"Address": "bing.com",
"Port": 80
}
MonitoringIntervalInSeconds : 60
AutoStart : True
StartTime : 1/12/2018 7:13:11 PM
MonitoringStatus : Running
Location : centraluseuap
Type : Microsoft.Network/networkWatchers/connectionMonitors
Tags : {}

