



Windows PowerShell Get-Help on Cmdlet 'Get-AzNetworkWatcherConnectionMonitorReport'

PS:\>Get-HELP Get-AzNetworkWatcherConnectionMonitorReport -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

Get-AzNetworkWatcherConnectionMonitorReport

SYNOPSIS

Query a snapshot of the most recent connection states.

SYNTAX

```

Get-AzNetworkWatcherConnectionMonitorReport [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-InputObject <Microsoft.Azure.Commands.Network.Models.PSConnectionMonitorResult> [<CommonParameters>]

```

```

Get-AzNetworkWatcherConnectionMonitorReport [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-Location <System.String> -Name <System.String> [<CommonParameters>]

```

```

Get-AzNetworkWatcherConnectionMonitorReport [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
<System.String> -NetworkWatcherName <System.String> -ResourceGroupName <System.String>
[<CommonParameters>]

```

```

Get-AzNetworkWatcherConnectionMonitorReport [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
<System.String> -NetworkWatcher <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher>
[<CommonParameters>]

```

```

Get-AzNetworkWatcherConnectionMonitorReport [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-ResourceId <System.String> [<CommonParameters>]

```

DESCRIPTION

The Get-AzNetworkWatcherConnectionMonitorReport cmdlet returns the report on the most recent connection states.

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

-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

-InputObject <Microsoft.Azure.Commands.Network.Models.PSConnectionMonitorResult>

Connection monitor object.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByValue)
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?	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

-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

-ResourceId <System.String>

Resource ID of the connection monitor.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)

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

Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher

System.String

Microsoft.Azure.Commands.Network.Models.PSConnectionMonitorResult

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSConnectionMonitorQueryResult

NOTES

Keywords: azure, azurerm, arm, resource, connectivity, management, manager, network, networking, network watcher, connection monitor

Example 1: Get the most recent connection snapshot of the connection monitor by name in the specified location

Get-AzNetworkWatcherConnectionMonitorReport -Location centraluseuap -Name cm

States : [

{

"ConnectionState": "Reachable",

"StartTime": "2018-01-12T01:18:20Z",

"EvaluationState": "Completed",

"Hops": [

{

"Type": "Source",

"Id": "1530e0f2-c9b7-4bc0-a205-cf7332cd8983",

"Address": "10.1.1.4",

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/appNic0/ipConfigurations/ipconfig1",

"NextHopIds": [

"b19b74b1-423d-4f0b-99cd-bcaed4d0b8a2"

],

"Issues": []

},

{

"Type": "VirtualAppliance",

"Id": "b19b74b1-423d-4f0b-99cd-bcaed4d0b8a2",

"Address": "10.1.2.4",

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/fwNic/ipConfigurations/ipconfig1",

"NextHopIds": [

"80e46c56-2cf9-4106-8602-608a74832d41"

],

"Issues": []

},

{

"Type": "VirtualAppliance",

"Id": "80e46c56-2cf9-4106-8602-608a74832d41",

"Address": "10.1.3.4",

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/auNic/ipConfigurations/ipconfig1",

"NextHopIds": [

"e17cf884-69db-43b8-9cd5-f920770a0dbe"

],

"Issues": []

},

{

"Type": "VirtualNetwork",

"Id": "e17cf884-69db-43b8-9cd5-f920770a0dbe",

"Address": "10.1.4.4",

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/dbNic0/ipConfigurations/ipconfig1",

"NextHopIds": [],

"Issues": []

}

]

},

{

"ConnectionState": "Unreachable",

"StartTime": "2018-01-12T01:14:11Z",

"EvaluationState": "Completed",

"Hops": [

{

"Type": "Source",

"Id": "b6251ff8-3d07-4fdf-98f8-04b168e1cf90",

"Address": "10.1.1.4",

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/appNic0/ipConfigurations/ipconfig1",

"NextHopIds": [

"de6d463b-47fb-4beb-afc4-d77782755313"

],

"Issues": [

{

"Origin": "Local",

"Severity": "Error",

"Type": "NetworkError",

"Context": []

}

]

},

{

"Type": "VirtualAppliance",

"Id": "de6d463b-47fb-4beb-afc4-d77782755313",

"Address": "10.1.2.4",

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/fwNic/ipConfigurations/ipconfig1",

"NextHopIds": [

"0cbadb7e-cd99-4fa9-a832-eb4e0d112293"

],

"Issues": []

},

{

"Type": "VirtualAppliance",

"Id": "0cbadb7e-cd99-4fa9-a832-eb4e0d112293",

"Address": "10.1.3.4",

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/auNic/ipConfigurations/ipconfig1",

"NextHopIds": [

"538005d1-994a-4350-9866-6985385beecf"

],

"Issues": []

},

{

"Type": "VirtualNetwork",

"Id": "538005d1-994a-4350-9866-6985385beecf",

"Address": "10.1.4.4",

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/dbNic0/ipConfigurations/ipconfig1",

"NextHopIds": [],

"Issues": []

}

]

},

{

"ConnectionState": "Reachable",

"StartTime": "2018-01-11T23:54:05Z",

"EvaluationState": "Completed",

"Hops": [

{

"Type": "Source",

"Id": "3dbec7e8-a37f-4acd-bc5f-86918ffba0e",

"Address": "10.1.1.4",

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/appNic0/ipConfigurations/ipconfig1",

"NextHopIds": [

"1a87cf61-1be6-4add-bba7-f84afbcf3726"

],

"Issues": []

},

```
{  
  "Type": "VirtualAppliance",  
  "Id": "1a87cf61-1be6-4add-bba7-f84afbcf3726",  
  "Address": "10.1.2.4",
```

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/fwNic/ipConfigurations/ipconfig1",

```
  "NextHopIds": [  
    "070c0740-308e-43ba-b72f-5d8d5a6537ec"  
  ],  
  "Issues": [],  
},
```

```
{  
  "Type": "VirtualAppliance",  
  "Id": "070c0740-308e-43ba-b72f-5d8d5a6537ec",  
  "Address": "10.1.3.4",
```

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/auNic/ipConfigurations/ipconfig1",

```
  "NextHopIds": [  
    "760182e1-c88d-4cfc-a711-65e7e622a67a"  
  ],  
  "Issues": [],  
},  
{
```

```
  "Type": "VirtualNetwork",  
  "Id": "760182e1-c88d-4cfc-a711-65e7e622a67a",  
  "Address": "10.1.4.4",
```

"ResourceId":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VarunRgCentralUSEUAP

/providers/Microsoft.Network/networkInterfaces/dbNic0/ipConfigurations/ipconfig1",

```
  "NextHopIds": [],  
  "Issues": []
```

```
}  
]  
}  
]
```

In this example we query the most recent connection states of the specified connection monitor.

RELATED LINKS

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

New-AzNetworkWatcher

Get-AzNetworkWatcher

Remove-AzNetworkWatcher

Get-AzNetworkWatcherNextHop

Get-AzNetworkWatcherSecurityGroupView

Get-AzNetworkWatcherTopology

Get-AzNetworkWatcherTroubleshootingResult

New-AzNetworkWatcherPacketCapture

New-AzPacketCaptureFilterConfig

Get-AzNetworkWatcherPacketCapture

Remove-AzNetworkWatcherPacketCapture

Stop-AzNetworkWatcherPacketCapture

Get-AzNetworkWatcherConnectionMonitor

Get-AzNetworkWatcherConnectionMonitorReport

Remove-AzNetworkWatcherConnectionMonitor

Set-AzNetworkWatcherConnectionMonitor

Stop-AzNetworkWatcherConnectionMonitor

New-AzNetworkWatcherConnectionMonitor

New-AzNetworkWatcherProtocolConfiguration

Test-AzNetworkWatcherIPFlow

Test-AzNetworkWatcherConnectivity

Start-AzNetworkWatcherResourceTroubleshooting

Start-AzNetworkWatcherConnectionMonitor

Set-AzNetworkWatcherConfigFlowLog

Get-AzNetworkWatcherReachabilityReport

Get-AzNetworkWatcherReachabilityProvidersList

Get-AzNetworkWatcherFlowLogStatus