



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

PS: \> Get-HELP Get-AzNetworkWatcherReachabilityProvidersList -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-AzNetworkWatcherReachabilityProvidersList

SYNOPSIS

Lists all available internet service providers for a specified Azure region.

SYNTAX

```
Get-AzNetworkWatcherReachabilityProvidersList [-AsJob] [-City <System.String>] [-Country <System.String>]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Location
<System.String[]>] -NetworkWatcher
    <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher> [-State <System.String>] [<CommonParameters>]
```

```
Get-AzNetworkWatcherReachabilityProvidersList [-AsJob] [-City <System.String>] [-Country <System.String>]
[-DefaultProfile
```

```
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Location
<System.String[]>] -NetworkWatcherLocation <System.String>
[-State <System.String>] [<CommonParameters>]
```

```
Get-AzNetworkWatcherReachabilityProvidersList [-AsJob] [-City <System.String>] [-Country <System.String>]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Location
<System.String[]>] -NetworkWatcherName <System.String>
-ResourceGroupName <System.String> [-State <System.String>] [<CommonParameters>]
```

```
Get-AzNetworkWatcherReachabilityProvidersList [-AsJob] [-City <System.String>] [-Country <System.String>]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Location
<System.String[]>] -ResourceId <System.String> [-State
<System.String>] [<CommonParameters>]
```

DESCRIPTION

The Get-AzNetworkWatcherReachabilityProvidersList lists all available internet service providers for a specified Azure region.

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

-City <System.String>

The name of the city.

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

-Country <System.String>

The name of the country.

Required? false
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

-Location <System.String[]>

Optional Azure regions to scope the query to.

Required? false
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

-NetworkWatcherLocation <System.String>

Location of the network watcher.

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

-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>

The Id of network watcher resource.

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

-State <System.String>

The name of the state.

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

Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSAvailableProvidersList

NOTES

Keywords: azure, azurerm, arm, resource, management, manager, network, networking, network watcher, next, hop

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

```
$nw = Get-AzNetworkWatcher -Name NetworkWatcher -ResourceGroupName NetworkWatcherRG
```

```
Get-AzNetworkWatcherReachabilityProvidersList -NetworkWatcher $nw -Location "West US" -Country "United States"  
-State "washington" -City "seattle"
```

```
"countries" : [  
  {  
    "countryName" : "United States",  
    "states" : [  
      {  
        "stateName" : "washington",  
        "cities" : [  
          {  
            "cityName" : "seattle",  
            "providers" : [  
              "Comcast Cable Communications, Inc. - ASN 7922",  
              "Comcast Cable Communications, LLC - ASN 7922",  
              "Level 3 Communications, Inc. (GBLX) - ASN 3549",
```

```
        "Qwest Communications Company, LLC - ASN 209"
    ]
}
]
}
]
}
]
```

Lists all available providers in Seattle, WA for Azure Data Center in West US.

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

```
Get-AzNetworkWatcherReachabilityProvidersList -NetworkWatcherName nw1 -ResourceGroupName myresourcegroup
```

RELATED LINKS

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

New-AzNetworkWatcher

Get-AzNetworkWatcher

Remove-AzNetworkWatcher

Get-AzNetworkWatcherNextHop

Get-AzNetworkWatcherSecurityGroupView

Get-AzNetworkWatcherTopology

Start-AzNetworkWatcherResourceTroubleshooting

New-AzNetworkWatcherPacketCapture

New-AzPacketCaptureFilterConfig

Get-AzNetworkWatcherPacketCapture

Remove-AzNetworkWatcherPacketCapture

Stop-AzNetworkWatcherPacketCapture
New-AzNetworkWatcherProtocolConfiguration
Test-AzNetworkWatcherIPFlow
Test-AzNetworkWatcherConnectivity
Stop-AzNetworkWatcherConnectionMonitor
Start-AzNetworkWatcherConnectionMonitor
Set-AzNetworkWatcherConnectionMonitor
Set-AzNetworkWatcherConfigFlowLog
Remove-AzNetworkWatcherConnectionMonitor
New-AzNetworkWatcherConnectionMonitor
Get-AzNetworkWatcherTroubleshootingResult
Get-AzNetworkWatcherReachabilityReport
Get-AzNetworkWatcherReachabilityProvidersList
Get-AzNetworkWatcherFlowLogStatus
Get-AzNetworkWatcherConnectionMonitorReport
Get-AzNetworkWatcherConnectionMonitor