



Windows PowerShell Get-Help on Cmdlet 'Start-AzNetworkWatcherResourceTroubleshooting'

PS:\>Get-HELP Start-AzNetworkWatcherResourceTroubleshooting -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

Start-AzNetworkWatcherResourceTroubleshooting

SYNOPSIS

Starts troubleshooting on a Networking resource in Azure.

SYNTAX

```

Start-AzNetworkWatcherResourceTroubleshooting [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Location
<System.String> -StorageId <System.String> -StoragePath <System.String> -TargetResourceId <System.String>
[<CommonParameters>]
```

```

Start-AzNetworkWatcherResourceTroubleshooting [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-NetworkWatcher <Microsoft.Azure.Commands.Network.Models.PSNetworkWatcher> -StorageId <System.String>
```

-StoragePath <System.String> -TargetResourceId <System.String>

[<CommonParameters>]

Start-AzNetworkWatcherResourceTroubleshooting

[-DefaultProfile

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

-NetworkWatcherName <System.String> -ResourceGroupName <System.String> -StorageId <System.String>

-StoragePath <System.String> -TargetResourceId <System.String>

[<CommonParameters>]

DESCRIPTION

The Start-AzNetworkWatcherResourceTroubleshooting cmdlet starts troubleshooting for a Networking resource in Azure and returns information about potential issues and mitigations. Currently Virtual Network Gateways and Connections are supported.

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

-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? True (ByValue)

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? True (ByPropertyName)

Accept wildcard characters? false

-StorageId <System.String>

The storage ID.

Required? true

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

-StoragePath <System.String>

The storage path.

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

-TargetResourceId <System.String>

Specifies the resource id of the resource to troubleshoot. Example format:

"/subscriptions/\${subscriptionId}/resourceGroups/\${resourceGroupName}/providers/Microsoft.Network/connections/\${connectionName}"

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>).

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSTroubleshootingResult

NOTES

Keywords: azure, azurerm, arm, resource, management, manager, network, networking, network watcher, troubleshoot, VPN, connection

Example 1: Start Troubleshooting on a Virtual Network Gateway

```
$nw = Get-AzResource | Where-Object {$_.ResourceType -eq "Microsoft.Network/networkWatchers" -and $_.Location -eq "WestCentralUS" }
```

```
$networkWatcher = Get-AzNetworkWatcher -Name $nw.Name -ResourceGroupName $nw.ResourceGroupName
```

```
$target =  
'/subscriptions/bbbbbbbb-bbbb-bbbb-bbbb-bbbbbbbbbbbb/resourceGroups/{resourceGroupName}/providers/Microsoft.Network/virtualNetworkGateways/{vnetGatewayName}'
```

```
$storageId =  
'/subscriptions/bbbbbbbb-bbbb-bbbb-bbbb-bbbbbbbbbbbb/resourceGroups/{resourceGroupName}/providers/Microsoft.Storage/storageAccounts/{storageAccountName}'
```

```
$storagePath = 'https://{storageAccountName}.blob.core.windows.net/troubleshoot'
```

-StorageId \$storageId -StoragePath \$storagePath

The above sample starts troubleshooting on a virtual network gateway. The operation may take a few minutes to complete.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.network/start-aznetworkwatcherresourcestroubleshooting>

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