



Windows PowerShell Get-Help on Cmdlet 'Invoke-AzSqlVMTroubleshoot'

PS:\>Get-HELP Invoke-AzSqlVMTroubleshoot -Full

NAME

Invoke-AzSqlVMTroubleshoot

SYNOPSIS

Starts SQL virtual machine troubleshooting.

SYNTAX

Invoke-AzSqlVMTroubleshoot -ResourceGroupName <String> -SqlVirtualMachineName <String> [-SubscriptionId <String>] [-EndTimeUtc <DateTime>] [-StartTimeUtc <DateTime>]

[-TroubleshootingScenario <TroubleshootingScenario>] [-UnhealthyReplicaInfoAvailabilityGroupName <String>] [-DefaultProfile <PSObject>] [-AsJob] [-Break]

[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]

[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

Invoke-AzSqlVMTroubleshoot -InputObject <ISqlVirtualMachineIdentity> [-EndTimeUtc <DateTime>] [-StartTimeUtc <DateTime>] [-TroubleshootingScenario

<TroubleshootingScenario>] [-UnhealthyReplicaInfoAvailabilityGroupName <String>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend

<SendAsyncStep[]> [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]

DESCRIPTION

Starts SQL virtual machine troubleshooting.

PARAMETERS

-ResourceGroupName <String>

Name of the resource group that contains the resource.

You can obtain this value from the Azure Resource Manager API or the portal.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlVirtualMachineName <String>

Name of the SQL virtual machine.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

Subscription ID that identifies an Azure subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-InputObject <ISqlVirtualMachineIdentity>

Identity Parameter

To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-EndTimeUtc <DateTime>

End time in UTC timezone.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StartTimeUtc <DateTime>

Start time in UTC timezone.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TroubleshootingScenario <TroubleshootingScenario>

SQL VM troubleshooting scenario.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-UnhealthyReplicaInfoAvailabilityGroupName <String>

The name of the availability group

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false

Position? named

Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

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

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

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

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

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

-NoWait [<SwitchParameter>]

Run the command asynchronously

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

-Proxy <Uri>

The URI for the proxy server to use

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

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

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

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

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

-WhatIf [<SwitchParameter>]

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

-Confirm [<SwitchParameter>]

Required?	false
Position?	named
Default value	
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.PowerShell.Cmdlets.SqlVirtualMachine.Models.ISqlVirtualMachineIdentity

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.SqlVirtualMachine.Models.Api20220801Preview.ISqlVMTroubleshooting

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about_Hash_Tables.

INPUTOBJECT <ISqlVirtualMachineIdentity>: Identity Parameter

[AvailabilityGroupListenerName <String>]: Name of the availability group listener.

[Id <String>]: Resource identity path

[ResourceGroupName <String>]: Name of the resource group that contains the resource. You can obtain this value from the Azure Resource Manager API or the portal.

[SqlVirtualMachineGroupName <String>]: Name of the SQL virtual machine group.

[SqlVirtualMachineName <String>]: Name of the SQL virtual machine.

[SubscriptionId <String>]: Subscription ID that identifies an Azure subscription.

----- EXAMPLE 1 -----

```
PS C:\>Invoke-AzSqlVMTroubleshoot -ResourceGroupName 'ResourceGroup01' -SqlVirtualMachineName 'sqlvm1'
-StartTimeUtc '2023-03-15T17:10:00Z' -EndTimeUtc
'2023-03-16T08:30:10Z' -TroubleshootingScenario 'UnhealthyReplica'
```

----- EXAMPLE 2 -----

```
PS C:\>$sqlvm = Get-AzSqlVM -ResourceGroupName 'ResourceGroup01' -Name 'sqlvm1'

$sqlvm | Invoke-AzSqlVMTroubleshoot -StartTimeUtc '2023-03-15T17:10:00Z' -EndTimeUtc '2023-03-16T08:30:10Z'
-TroubleshootingScenario 'UnhealthyReplica'
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.sqlvirtualmachine/invoke-azsqlvmtroubleshoot>