



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

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

NAME

Invoke-AzMLWorkspaceDiagnose

SYNOPSIS

Diagnose workspace setup issue.

SYNTAX

```
Invoke-AzMLWorkspaceDiagnose -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>]
[-ApplicationInsightId <Hashtable>] [-ContainerRegistryId
<Hashtable>] [-DnsResolution <Hashtable>] [-KeyVaultId <Hashtable>] [-Nsg <Hashtable>] [-Other <Hashtable>]
[-ResourceLock <Hashtable>] [-StorageAccount <Hashtable>]
[-Udr <Hashtable>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy
<Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

```
Invoke-AzMLWorkspaceDiagnose -InputObject <IMachineLearningServicesIdentity> [-ApplicationInsightId <Hashtable>]
[-ContainerRegistryId <Hashtable>] [-DnsResolution
<Hashtable>] [-KeyVaultId <Hashtable>] [-Nsg <Hashtable>] [-Other <Hashtable>] [-ResourceLock <Hashtable>]
[-StorageAccount <Hashtable>] [-Udr <Hashtable>]
```

[-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]
[-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Diagnose workspace setup issue.

PARAMETERS

-Name <String>

Name of Azure Machine Learning workspace.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-InputObject <IMachineLearningServicesIdentity>

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

-ApplicationInsightId <Hashtable>

Setting for diagnosing dependent application insights

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ContainerRegistryId <Hashtable>

Setting for diagnosing dependent container registry

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DnsResolution <Hashtable>

Setting for diagnosing dns resolution

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-KeyVaultId <Hashtable>

Setting for diagnosing dependent key vault

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Nsg <Hashtable>

Setting for diagnosing network security group

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Other <Hashtable>

Setting for diagnosing unclassified category of problems

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceLock <Hashtable>

Setting for diagnosing resource lock

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StorageAccount <Hashtable>

Setting for diagnosing dependent storage account

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Udr <Hashtable>

Setting for diagnosing user defined routing

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

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.MachineLearningServices.Models.IMachineLearningServicesIdentity

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.MachineLearningServices.Models.Api20220501.IDiagnoseResponseResultValue

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 <IMachineLearningServicesIdentity>: Identity Parameter

[ComputeName <String>]: Name of the Azure Machine Learning compute.

[ConnectionName <String>]: Friendly name of the workspace connection

[DeploymentName <String>]: Inference deployment identifier.

[EndpointName <String>]: Inference Endpoint name.

[Id <String>]: The name and identifier for the Job. This is case-sensitive.

[Id1 <String>]: Resource identity path

[Location <String>]: The location for which resource usage is queried.

[Name <String>]: Container name. This is case-sensitive.

[PrivateEndpointConnectionName <String>]: The name of the private endpoint connection associated with the workspace

[ResourceGroupName <String>]: The name of the resource group. The name is case insensitive.

[SubscriptionId <String>]: The ID of the target subscription.

[Version <String>]: Version identifier. This is case-sensitive.

[WorkspaceName <String>]: Name of Azure Machine Learning workspace.

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

```
PS C:\>Invoke-AzMLWorkspaceDiagnose -ResourceGroupName ml-rg-test -Name mlworkspace-cli01
-ApplicationInsightId

@{'key1'="/subscriptions/xxxx-xxxxx-xxxxxxxx-xxxx/resourceGroups/ml-rg-test/providers/Microsoft.insights/components/xx
xxxxxxxx"}

```

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

```
PS C:\>$workspace = Get-AzMLWorkspace -ResourceGroupName ml-rg-test -Name mlworkspace-cli01

Invoke-AzMLWorkspaceDiagnose -InputObject $workspace -ApplicationInsightId

@{'key1'="/subscriptions/9e223dbe-3399-4e19-88eb-0975f02ac87f/resourceGroups/ml-rg-test/providers/Microsoft.insights/c
omponents/xxxxxxxxxxxx"}

```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.machinelearningservices/invoke-azmlworkspacediagnose>