



Windows PowerShell Get-Help on Cmdlet 'New-AzOperationalInsightsStorageInsight'

PS:\>Get-HELP New-AzOperationalInsightsStorageInsight -Full

NAME

New-AzOperationalInsightsStorageInsight

SYNOPSIS

Creates a Storage Insight inside a workspace.

SYNTAX

```
New-AzOperationalInsightsStorageInsight [-ResourceGroupName] <System.String> [-WorkspaceName] <System.String>
[-Name] <System.String> [-StorageAccountResourceId]
<System.String> [-StorageAccountKey] <System.String> [[-Tables] <System.String[]>] [[-Containers] <System.String[]>]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ETag
<System.String>] [-Force] [-Tag <System.Collections.Hashtable>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
New-AzOperationalInsightsStorageInsight [-Workspace]
<Microsoft.Azure.Commands.OperationalInsights.Models.PSWorkspace> [-Name] <System.String>
[-StorageAccountResourceId] <System.String> [-StorageAccountKey] <System.String> [[-Tables] <System.String[]>]
[[Containers] <System.String[]>] [-DefaultProfile
```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ETag
<System.String>] [-Force] [-Tag <System.Collections.Hashtable>]
[-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The New-AzOperationalInsightsStorageInsight cmdlet creates a new Storage Insight in an existing workspace.

PARAMETERS

-Containers <System.String[]>

Specifies the list of containers that contain the data.

Required? false

Position? 7

Default value None

Accept pipeline input? True (ByPropertyName)

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

-ETag <System.String>

The ETag of the StorageInsight.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Forces the command to run without asking for user confirmation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the Storage Insight.

Required? true

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of an Azure resource group that contains a workspace.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-StorageAccountKey <System.String>

Specifies the access key for the storage account.

Required? true
Position? 5
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-StorageAccountResourceId <System.String>

Specifies the Azure resource of a storage account. This can be retrieved by executing the Get-AzStorageAccount cmdlet and accessing the Id parameter of the result.

Required? true
Position? 4
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Tables <System.String[]>

Specifies the list of tables that provide the data.

Required? false
Position? 6
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Tags of the Storage Insight

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

Accept wildcard characters? false

-Workspace <Microsoft.Azure.Commands.OperationalInsights.Models.PSWorkspace>

Specifies the workspace for the new Storage Insight.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-WorkspaceName <System.String>

Specifies the name of an existing workspace.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named
Default value False
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.Operationallnsights.Models.PSWorkspace

System.String

System.String[]

OUTPUTS

Microsoft.Azure.Commands.Operationallnsights.Models.PSStorageInsight

NOTES

```
$Storage = Get-AzStorageAccount -ResourceGroupName "ContosoResourceGroup" -Name "ContosoStorage"
```

```
$StorageKey = ($Storage | Get-AzStorageAccountKey).Value[0]
```

```
New-AzOperationalInsightsStorageInsight -ResourceGroupName "ContosoResourceGroup" -WorkspaceName  
"MyWorkspace" -Name "MyStorageInsight" -StorageAccountResourceId  
$Storage.Id -StorageAccountKey $StorageKey -Tables @("WADWindowsEventLogsTable")
```

The first command uses the `Get-AzStorageAccount` cmdlet to get the storage account named `ContosoStorage`, and then stores it in the `$Storage` variable. The second

command passes the storage account in `$Storage` to the `Get-AzStorageAccountKey` cmdlet by using the pipeline operator to get the specified storage account key, and then

stores it in the `$StorageKey` variable. This example retrieves the first key. To retrieve the other one, use `Value[1]` instead of `Value[0]`. The final command creates a

storage insight named `MyStorageInsight` in the workspace named `MyWorkspace`. This storage insight consumes data from the `WADWindowsEventLogsTable` table in the specified storage account resource.

Example 2: Create a Storage Insight by using a workspace object

```
$Workspace = Get-AzOperationalInsightsWorkspace -ResourceGroupName "ContosoResourceGroup" -Name  
"MyWorkspace"
```

```
$Storage = Get-AzStorageAccount -ResourceGroupName "ContosoResourceGroup" -Name "ContosoStorage"
```

```
$StorageKey = ($Storage | Get-AzStorageAccountKey).Value[0]
```

```
New-AzOperationalInsightsStorageInsight -Workspace $Workspace -Name "MyStorageInsight"  
-StorageAccountResourceId $Storage.Id -StorageAccountKey $StorageKey -Tables  
@("WADWindowsEventLogsTable")
```

The first command uses the `Get-AzOperationalInsightsWorkspace` cmdlet to get the workspace named `MyWorkspace`, and then stores it in the `$Workspace` variable. The second

command uses the `Get-AzStorageAccount` cmdlet to get the specified storage account, and then stores it in the `$Storage` variable. The third command passes the storage

account in `$Storage` to the `Get-AzStorageAccountKey` cmdlet by using the pipeline operator to get the specified key, and then stores it in the `$StorageKey` variable.

This example retrieves the first key. To retrieve the other one, use `Value[1]` instead of `Value[0]`. The final command creates a storage insight named `MyStorageInsight`

in the workspace defined in `$Workspace`. The Storage Insight consumes data from the `WADWindowsEventLogsTable` table in the specified storage account resource.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.operationalinsights/new-azoperationalinsightsstorageinsight>

Azure Operational Insights Cmdlets

`Get-AzOperationalInsightsWorkspace`