



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

PS:\>Get-HELP Get-AzSqlDatabaseRecommendedAction -Full

NAME

Get-AzSqlDatabaseRecommendedAction

SYNOPSIS

Gets one or more recommended actions for an Azure SQL Database Advisor.

SYNTAX

```
Get-AzSqlDatabaseRecommendedAction [-ResourceGroupName] <System.String> -AdvisorName <System.String>
-DatabaseName <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-RecommendedActionName <System.String>] -ServerName <System.String>
[<CommonParameters>]
```

DESCRIPTION

The Get-AzSqlDatabaseRecommendedAction cmdlet gets one or more recommended actions for an Azure SQL Database Advisor.

PARAMETERS

-AdvisorName <System.String>

Specifies the name of the Advisor for which this cmdlet requests recommended actions.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DatabaseName <System.String>

Specifies the name of the database for which this cmdlet requests recommended actions.

Required? true

Position? named

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

-RecommendedActionName <System.String>

Specifies the name of the recommended action that this cmdlet gets.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies name of the resource group of the server that contains this database.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

Specifies the name of the server the database is in.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.RecommendedAction.Model.AzureSqlDatabaseRecommendedActionModel

NOTES

* Keywords: azure, azurerm, arm, resource, management, manager, sql, database, mssql, advisor, recommendedaction

-- Example 1: List all the recommended actions for an Advisor --

```
Get-AzSqlDatabaseRecommendedAction -ResourceGroupName "WIRunnersProd" -ServerName  
"wi-runner-australia-east" -DatabaseName "WIRunner" -AdvisorName "CreateIndex"
```

```
DatabaseName      : WIRunner  
ResourceGroupName : WIRunnersProd  
ServerName       : wi-runner-australia-east  
AdvisorName      : CreateIndex  
RecommendedActionName : IR_[test_schema]_[test_table_0.0361551]_6C7AE8CC9C87E7FD5893  
Details          : {[indexName, nci_wi_test_table_0.0361551_6C7AE8CC9C87E7FD5893], [indexType,  
NONCLUSTERED], [schema, [test_schema]], [table, [test_table_0.0361551]]...}  
ErrorDetails      : Microsoft.Azure.Management.Sql.Models.RecommendedActionErrorInfo  
EstimatedImpact   : {ActionDuration, SpaceChange}  
ExecuteActionDuration : PT1M  
ExecuteActionInitiatedBy : User  
ExecuteActionInitiatedTime : 4/21/2016 3:24:47 PM  
ExecuteActionStartTime : 4/21/2016 3:24:47 PM  
ImplementationDetails : Microsoft.Azure.Management.Sql.Models.RecommendedActionImplementationInfo  
IsArchivedAction   : False  
IsExecutableAction : True  
IsRevertableAction : True
```

LastRefresh : 4/21/2016 3:24:47 PM
LinkedObjects : {}
ObservedImpact : {CpuUtilization, LogicalReads, LogicalWrites, QueriesWithImprovedPerformance...}
RecommendationReason :
RevertActionDuration :
RevertActionInitiatedBy :
RevertActionInitiatedTime :
RevertActionStartTime :
Score : 2
State : Microsoft.Azure.Management.Sql.Models.RecommendedActionStateInfo
TimeSeries : {}
ValidSince : 4/21/2016 3:24:47 PM

DatabaseName : WIRunner

ResourceGroupName : WIRunnersProd

ServerName : wi-runner-australia-east

AdvisorName : CreateIndex

RecommendedActionName : IR_[test_schema]_[test_table_0.236046]_6C7AE8CC9C87E7FD5893

Details : {[indexName, nci_wi_test_table_0.236046_6C7AE8CC9C87E7FD5893], [indexType, NONCLUSTERED],
[schema, [test_schema]], [table, [test_table_0.236046]]...}

ErrorDetails : Microsoft.Azure.Management.Sql.Models.RecommendedActionErrorInfo

EstimatedImpact : {ActionDuration, SpaceChange}

ExecuteActionDuration : PT1M

ExecuteActionInitiatedBy : User

ExecuteActionInitiatedTime : 4/21/2016 3:24:47 PM

ExecuteActionStartTime : 4/21/2016 3:24:47 PM

ImplementationDetails : Microsoft.Azure.Management.Sql.Models.RecommendedActionImplementationInfo

IsArchivedAction : False

IsExecutableAction : True

IsRevertableAction : True

LastRefresh : 4/21/2016 3:24:47 PM

LinkedObjects : {}

ObservedImpact : {SpaceChange}

RecommendationReason :

RevertActionDuration :

RevertActionInitiatedBy :

RevertActionInitiatedTime :

RevertActionStartTime :

Score : 3

State : Microsoft.Azure.Management.Sql.Models.RecommendedActionStateInfo

TimeSeries : {}

ValidSince : 4/21/2016 3:24:47 PM

DatabaseName : WIRunner

ResourceGroupName : WIRunnersProd

ServerName : wi-runner-australia-east

AdvisorName : CreateIndex

RecommendedActionName : IR_[test_schema]_[test_table_0.239359]_6C7AE8CC9C87E7FD5893

Details : {[indexName, nci_wi_test_table_0.239359_6C7AE8CC9C87E7FD5893], [indexType, NONCLUSTERED], [schema, [test_schema]], [table, [test_table_0.239359]]...}

ErrorDetails : Microsoft.Azure.Management.Sql.Models.RecommendedActionErrorInfo

EstimatedImpact : {ActionDuration, SpaceChange}

ExecuteActionDuration : PT1M

ExecuteActionInitiatedBy : User

ExecuteActionInitiatedTime : 4/21/2016 3:24:47 PM

ExecuteActionStartTime : 4/21/2016 3:24:47 PM

ImplementationDetails : Microsoft.Azure.Management.Sql.Models.RecommendedActionImplementationInfo

IsArchivedAction : False

IsExecutableAction : True

IsRevertableAction : True

LastRefresh : 4/21/2016 3:24:47 PM

LinkedObjects : {}

ObservedImpact : {CpuUtilization, LogicalReads, LogicalWrites, QueriesWithImprovedPerformance...}

RecommendationReason :

RevertActionDuration : PT10S

RevertActionInitiatedBy : System
RevertActionInitiatedTime : 4/21/2016 3:24:47 PM
RevertActionStartTime : 4/21/2016 3:24:47 PM
Score : 3
State : Microsoft.Azure.Management.Sql.Models.RecommendedActionStateInfo
TimeSeries : {}
ValidSince : 4/21/2016 3:24:47 PM

This command gets a list of all recommended actions of the Advisor named CreateIndex available for the database named wi-runner-australia-east.

-- Example 2: Get a single recommended action for an Advisor --

```
Get-AzSqlDatabaseRecommendedAction -ResourceGroupName "WIRunnersProd" -ServerName  
"wi-runner-australia-east" -DatabaseName "WIRunner" -AdvisorName "CreateIndex"  
-RecommendedActionName "IR_[test_schema]_[test_table_0.0361551]_6C7AE8CC9C87E7FD5893"
```

DatabaseName : WIRunner
ResourceGroupName : WIRunnersProd
ServerName : wi-runner-australia-east
AdvisorName : CreateIndex
RecommendedActionName : IR_[test_schema]_[test_table_0.0361551]_6C7AE8CC9C87E7FD5893
Details : {[indexName, nci_wi_test_table_0.0361551_6C7AE8CC9C87E7FD5893], [indexType,
NONCLUSTERED], [schema, [test_schema]], [table, [test_table_0.0361551]]...}
ErrorDetails : Microsoft.Azure.Management.Sql.Models.RecommendedActionErrorInfo
EstimatedImpact : {ActionDuration, SpaceChange}
ExecuteActionDuration : PT1M
ExecuteActionInitiatedBy : User
ExecuteActionInitiatedTime : 4/21/2016 3:24:47 PM
ExecuteActionStartTime : 4/21/2016 3:24:47 PM
ImplementationDetails : Microsoft.Azure.Management.Sql.Models.RecommendedActionImplementationInfo
IsArchivedAction : False

IsExecutableAction : True
IsRevertableAction : True
LastRefresh : 4/21/2016 3:24:47 PM
LinkedObjects : {}
ObservedImpact : {CpuUtilization, LogicalReads, LogicalWrites, QueriesWithImprovedPerformance...}
RecommendationReason :
RevertActionDuration :
RevertActionInitiatedBy :
RevertActionInitiatedTime :
RevertActionStartTime :
Score : 2
State : Microsoft.Azure.Management.Sql.Models.RecommendedActionStateInfo
TimeSeries : {}
ValidSince : 4/21/2016 3:24:47 PM

This command gets the recommended action named
IR_[test_schema]_[test_table_0.0361551]_6C7AE8CC9C87E7FD5893 for the Advisor named CreateIndex.

RELATED LINKS

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

Get-AzSqlDatabaseAdvisor

Get-AzSqlServerRecommendedAction

Set-AzSqlDatabaseRecommendedActionState

SQL Database Documentation <https://learn.microsoft.com/azure/sql-database/>