



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

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

NAME

Get-AzSqlServerRecommendedAction

SYNOPSIS

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

SYNTAX

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

DESCRIPTION

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

PARAMETERS

-AdvisorName <System.String>

Specifies the name of the advisor for which this cmdlet requests 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 the name of the resource group of the server that contains this server.

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 Advisor belongs to.

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>).

INPUTS

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.RecommendedAction.Model.AzureSqlServerRecommendedActionModel

NOTES

Example 1: Get a list of all recommended actions for a specific Advisor

```
Get-AzSqlServerRecommendedAction -ResourceGroupName "WIRunnersProd" -ServerName "wi-runner-australia-east"  
-AdvisorName "CreateIndex"
```

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

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

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 for the SQL Server Advisor named CreateIndex available for the server named wi-runner-australia-east.

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

```
Get-AzSqlServerRecommendedAction -ResourceGroupName "WIRunnersProd" -ServerName "wi-runner-australia-east"  
-AdvisorName "CreateIndex" -RecommendedActionName
```

```
IR_[test_schema]_[test_table_0.0361551]_6C7AE8CC9C87E7FD5893
```

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 a recommended action named IR_[test_schema]_[test_table_0.0361551]_6C7AE8CC9C87E7FD5893 from the Advisor named CreateIndex.

RELATED LINKS

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

[Get-AzSqlServerAdvisor](#)

[Set-AzSqlServerRecommendedActionState](#)

[Get-AzSqlElasticPoolRecommendedAction](#)

[Get-AzSqlDatabaseRecommendedAction](#)

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