



### ***Windows PowerShell Get-Help on Cmdlet 'Get-AzSqlElasticPoolRecommendedAction'***

***PS:\>Get-HELP Get-AzSqlElasticPoolRecommendedAction -Full***

#### **NAME**

Get-AzSqlElasticPoolRecommendedAction

#### **SYNOPSIS**

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

#### **SYNTAX**

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

#### **DESCRIPTION**

The Get-AzSqlElasticPoolRecommendedAction cmdlet gets one or more recommended actions for an Azure SQL Elastic Pool 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

-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

-ElasticPoolName <System.String>

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

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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 elastic pool.

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 elastic pool 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.AzureSqlElasticPoolRecommendedActionModel

## NOTES

\* Keywords: azure, azurearm, arm, resource, management, manager, sql, elasticpool, mssql, advisor, recommendedaction

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

```
Get-AzSqlElasticPoolRecommendedAction -ResourceGroupName "WIRunnersProd" -ServerName
"wi-runner-australia-east" -ElasticPoolName "WIRunnerPool" -AdvisorName
"CreateIndex"
```

ElasticPoolName : WIRunnerPool

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

ElasticPoolName : WIRunnerPool  
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

ElasticPoolName : WIRunnerPool  
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...} *Page 6/8*

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 elastic pool named WIRunnerPool.

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

```
Get-AzSqlElasticPoolRecommendedAction -ResourceGroupName "WIRunnersProd" -ServerName  
"wi-runner-australia-east" -ElasticPoolName "WIRunnerPool" -AdvisorName  
"CreateIndex" -RecommendedActionName "IR_[test_schema]_[test_table_0.0361551]_6C7AE8CC9C87E7FD5893"
```

ElasticPoolName : WIRunnerPool  
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 from the Advisor named CreateIndex.

#### RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.sql/get-azsqlelasticpoolrecommendedaction>  
Get-AzSqlDatabaseRecommendedAction  
Get-AzSqlElasticPoolAdvisor  
Get-AzSqlServerRecommendedAction  
Set-AzSqlElasticPoolRecommendedActionState  
SQL Database Documentation <https://learn.microsoft.com/azure/sql-database/>