



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

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

NAME

Get-AzSqlServerAdvisor

SYNOPSIS

Gets one or more Advisors for an Azure SQL Server.

SYNTAX

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

DESCRIPTION

The Get-AzSqlServerAdvisor cmdlet gets one or more Azure SQL Server Advisors for an Azure SQL Server.

PARAMETERS

-AdvisorName <System.String>

Specifies the name of the advisor that this cmdlet gets.

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

-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

-ExpandRecommendedActions <System.Management.Automation.SwitchParameter>

Indicates that the cmdlet includes the recommended actions of the advisors that are included in the response.

Required? false
Position? named
Default value False
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ResourceGroupName <System.String>

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

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

System.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.Sql.Advisor.Model.AzureSqlServerAdvisorModel

NOTES

----- Example 1: List all the advisors for the server -----

```
Get-AzSqlServerAdvisor -ResourceGroupName "WIRunnersProd" -ServerName "wi-runner-australia-east"
```

ResourceGroupName : WIRunnersProd
ServerName : wi-runner-australia-east
AdvisorName : CreateIndex
AdvisorStatus : GA
AutoExecuteStatus : Disabled
AutoExecuteStatusInheritedFrom : Database
LastChecked : 8/1/2016 2:36:47 PM
RecommendationsStatus : Ok
RecommendedActions : {}

ResourceGroupName : WIRunnersProd
ServerName : wi-runner-australia-east
AdvisorName : DropIndex
AdvisorStatus : PublicPreview
AutoExecuteStatus : Disabled
AutoExecuteStatusInheritedFrom : Database
LastChecked : 7/31/2016 8:41:19 PM
RecommendationsStatus : Ok
RecommendedActions : {}

ResourceGroupName : WIRunnersProd
ServerName : wi-runner-australia-east
AdvisorName : DbParameterization
AdvisorStatus : PublicPreview
AutoExecuteStatus : Disabled
AutoExecuteStatusInheritedFrom : Default
LastChecked : 7/31/2016 2:46:58 PM
RecommendationsStatus : NoDbParameterizationIssue
RecommendedActions : {}

ResourceGroupName : WIRunnersProd
ServerName : wi-runner-australia-east
AdvisorName : SchemaIssue
AdvisorStatus : PublicPreview
AutoExecuteStatus : Disabled
AutoExecuteStatusInheritedFrom : Default
LastChecked : 8/1/2016 3:01:41 PM
RecommendationsStatus : SchemalsConsistent
RecommendedActions : {}

This command gets a list of all the advisors for the server named wi-runner-australia-east that belongs to the resource group named WIRunnersProd.

----- Example 2: Get a single advisor for the server -----

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

ResourceGroupName : WIRunnersProd
ServerName : wi-runner-australia-east
AdvisorName : CreateIndex
AdvisorStatus : GA
AutoExecuteStatus : Disabled
AutoExecuteStatusInheritedFrom : Database
LastChecked : 8/1/2016 2:36:47 PM
RecommendationsStatus : Ok
RecommendedActions : {}

This command gets the advisor named CreateIndex for the server named wi-runner-australia-east.

Example 3: List all the advisors with their recommended actions included in the response

```
Get-AzSqlServerAdvisor -ResourceGroupName "WIRunnersProd" -ServerName "wi-runner-australia-east"
-ExpandRecommendedActions
```

```
ResourceGroupName      : WIRunnersProd
ServerName             : wi-runner-australia-east
AdvisorName            : CreateIndex
AdvisorStatus          : GA
AutoExecuteStatus      : Disabled
AutoExecuteStatusInheritedFrom : Database
LastChecked            : 8/1/2016 2:36:47 PM
RecommendationsStatus  : Ok
RecommendedActions     : {IR_[test_schema]_[test_table_0.0361551]_6C7AE8CC9C87E7FD5893,
                        IR_[test_schema]_[test_table_0.236046]_6C7AE8CC9C87E7FD5893,
                        IR_[test_schema]_[test_table_0.239359]_6C7AE8CC9C87E7FD5893,
                        IR_[test_schema]_[test_table_0.437714]_6C7AE8CC9C87E7FD5893...}
```

```
ResourceGroupName      : WIRunnersProd
ServerName             : wi-runner-australia-east
AdvisorName            : DropIndex
AdvisorStatus          : PublicPreview
AutoExecuteStatus      : Disabled
AutoExecuteStatusInheritedFrom : Database
LastChecked            : 7/31/2016 8:41:19 PM
RecommendationsStatus  : Ok
RecommendedActions     : {IR_[test_schema]_[test_table_0.0288891]_38724E1DCF2178318957,
                        IR_[test_schema]_[test_table_0.140264]_38724E1DCF2178318957,
                        IR_[test_schema]_[test_table_0.412191]_38724E1DCF2178318957,
                        IR_[test_schema]_[test_table_0.442075]_38724E1DCF2178318957...}
```

```
ResourceGroupName      : WIRunnersProd
ServerName             : wi-runner-australia-east
```

AdvisorName : DbParameterization
AdvisorStatus : PublicPreview
AutoExecuteStatus : Disabled
AutoExecuteStatusInheritedFrom : Default
LastChecked : 7/31/2016 2:46:58 PM
RecommendationsStatus : NoDbParameterizationIssue
RecommendedActions : {}
ResourceGroupName : WIRunnersProd
ServerName : wi-runner-australia-east
AdvisorName : SchemaIssue
AdvisorStatus : PublicPreview
AutoExecuteStatus : Disabled
AutoExecuteStatusInheritedFrom : Default
LastChecked : 8/1/2016 3:04:26 PM
RecommendationsStatus : SchemasConsistent
RecommendedActions : {}

This command gets all the advisors for the server named wi-runner-australia-east. Since the command uses the ExpandRecommendedActions parameter, the cmdlet gets the advisors recommended actions included in the response.

Example 4: Get a single advisor with its recommended actions included in the response

Get-AzSqlServerAdvisor -ResourceGroupName "WIRunnersProd" -ServerName "wi-runner-australia-east" -AdvisorName "CreateIndex" -ExpandRecommendedActions

ResourceGroupName : WIRunnersProd
ServerName : wi-runner-australia-east
AdvisorName : CreateIndex
AdvisorStatus : GA
AutoExecuteStatus : Disabled
AutoExecuteStatusInheritedFrom : Database

LastChecked : 8/1/2016 2:36:47 PM

RecommendationsStatus : Ok

RecommendedActions : {IR_[test_schema]_[test_table_0.0361551]_6C7AE8CC9C87E7FD5893,
IR_[test_schema]_[test_table_0.236046]_6C7AE8CC9C87E7FD5893,
IR_[test_schema]_[test_table_0.239359]_6C7AE8CC9C87E7FD5893,
IR_[test_schema]_[test_table_0.437714]_6C7AE8CC9C87E7FD5893...}

This command gets advisor named CreateIndex from the server named wi-runner-australia-east with its recommended actions included in the response.

Example 5: List all the advisors for the server using filtering

Get-AzSqlServerAdvisor -ResourceGroupName "WIRunnersProd" -ServerName "wi-runner-australia-east" -AdvisorName d*

ResourceGroupName : WIRunnersProd

ServerName : wi-runner-australia-east

AdvisorName : DropIndex

AdvisorStatus : PublicPreview

AutoExecuteStatus : Disabled

AutoExecuteStatusInheritedFrom : Database

LastChecked : 7/31/2016 8:41:19 PM

RecommendationsStatus : Ok

RecommendedActions : {}

ResourceGroupName : WIRunnersProd

ServerName : wi-runner-australia-east

AdvisorName : DbParameterization

AdvisorStatus : PublicPreview

AutoExecuteStatus : Disabled

AutoExecuteStatusInheritedFrom : Default

LastChecked : 7/31/2016 2:46:58 PM

RecommendationsStatus : NoDbParameterizationIssue

RecommendedActions : {}

This command gets a list of all the advisors for the server named wi-runner-australia-east that belongs to the resource group named WIRunnersProd that start with the letter "d".

RELATED LINKS

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

[Get-AzSqlElasticPoolAdvisor](#)

[Get-AzSqlDatabaseAdvisor](#)

[Get-AzSqlServerRecommendedAction](#)

[Set-AzSqlServerAdvisorAutoExecuteStatus](#)

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