



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

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

NAME

Get-AzSqlDatabaseDataMaskingRule

SYNOPSIS

Gets the data masking rules from a database.

SYNTAX

```
Get-AzSqlDatabaseDataMaskingRule [-ResourceGroupName] <System.String> [-ServerName] <System.String>
[-DatabaseName] <System.String> [-ColumnName <System.String>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-SchemaName <System.String>] [-TableName <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Get-AzSqlDatabaseDataMaskingRule cmdlet gets either a specific data masking rule or all of the data masking rules for an Azure SQL database. To use the cmdlet,

use the ResourceGroupName , ServerName , and DatabaseName parameters to identify the database, and the RuleId parameter to specify which rule this cmdlet returns. If

you do not provide RuleId , all the data masking rules for that Azure SQL database are returned. This cmdlet is also supported by the SQL Server Stretch Database service on Azure.

PARAMETERS

-ColumnName <System.String>

Specifies the name of the column targeted by the masking rule.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DatabaseName <System.String>

Specifies the name of the database.

Required? true

Position? 2

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

-ResourceGroupName <System.String>

Specifies the name of the resource group to which the database is assigned.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SchemaName <System.String>

Specifies the name of a schema.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

Specifies the name of the server.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TableName <System.String>

Specifies the name of an Azure SQL table.

Required? false

Position? named

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

INPUTS

System.String

OUTPUTS

NOTES

---- Example 1: Get all data masking rules from a database ----

```
Get-AzSqlDatabaseDataMaskingRule -ResourceGroupName "ResourceGroup01" -ServerName "Server01"  
-DatabaseName "Database01"
```

DatabaseName : database01

ResourceGroupName : resourcegroup01

ServerName : server01

SchemaName : dbo

TableName : table1

ColumnName : column1

MaskingFunction : Default

PrefixSize :

SuffixSize :

ReplacementString :

NumberFrom :

NumberTo :

DatabaseName : database01

ResourceGroupName : resourcegroup01

ServerName : server01

SchemaName : dbo

TableName : table2

ColumnName : column2

MaskingFunction : Default

PrefixSize :

SuffixSize :

ReplacementString :

NumberFrom :

NumberTo :

Example 2: Get the data masking rule defined on schema "dbo", table "table1" and column "column1".

```
Get-AzSqlDatabaseDataMaskingRule -ResourceGroupName "ResourceGroup01" -ServerName "Server01"  
-DatabaseName "Database01" -SchemaName "dbo" -TableName "table1"  
-ColumnName "column1"
```

DatabaseName : database01

ResourceGroupName : resourcegroup01

ServerName : server01

SchemaName : dbo

TableName : table1

ColumnName : column1

MaskingFunction : Default

PrefixSize :

SuffixSize :

ReplacementString :

NumberFrom :

NumberTo :

RELATED LINKS

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

`Get-AzSqlDatabaseDataMaskingPolicy`

`New-AzSqlDatabaseDataMaskingRule`

`Remove-AzSqlDatabaseDataMaskingRule`

`Set-AzSqlDatabaseDataMaskingPolicy`

`Set-AzSqlDatabaseDataMaskingRule`