



Windows PowerShell Get-Help on Cmdlet 'Remove-SqlColumnEncryptionKey'

PS:\>Get-HELP Remove-SqlColumnEncryptionKey -Full

NAME

Remove-SqlColumnEncryptionKey

SYNOPSIS

Removes the column encryption key object from the database.

SYNTAX

Remove-SqlColumnEncryptionKey [-Name] <String> [-InputObject] <Database> [-AccessToken <PSObject>] [-Encrypt {Mandatory | Optional | Strict}] [-HostNameInCertificate <String>] [-ProgressAction <ActionPreference>] [-Script] [-TrustServerCertificate] [<CommonParameters>]

Remove-SqlColumnEncryptionKey [-Name] <String> [[-Path] <String>] [-AccessToken <PSObject>] [-Encrypt {Mandatory | Optional | Strict}] [-HostNameInCertificate <String>] [-ProgressAction <ActionPreference>] [-Script] [-TrustServerCertificate] [<CommonParameters>]

DESCRIPTION

The Remove-SqlColumnEncryptionKey cmdlet removes the column encryption key object with the specified name from the database.

PARAMETERS

`-AccessToken <PSObject>`

The access token used to authenticate to SQL Server, as an alternative to user/password or Windows Authentication.

This can be used, for example, to connect to `SQL Azure DB` and `SQL Azure Managed Instance` using a `Service Principal` or a `Managed Identity`.

The parameter to use can be either a string representing the token or a `PSAccessToken` object as returned by running `Get-AzAccessToken -ResourceUrl`

`https://database.windows.net`.`

> This parameter is new in v22 of the module.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-Encrypt <String>`

The encryption type to use when connecting to SQL Server.

This value maps to the `Encrypt` property `SqlConnectionEncryptOption` on the `SqlConnection` object of the `Microsoft.Data.SqlClient` driver.

In v22 of the module, the default is `Optional` (for compatibility with v21). In v23+ of the module, the default value will be `Mandatory`, which may create a

breaking change for existing scripts.

> This parameter is new in v22 of the module.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-HostNameInCertificate <String>

The host name to be used in validating the SQL Server TLS/SSL certificate. You must pass this parameter if your SQL Server instance is enabled for Force

Encryption and you want to connect to an instance using hostname/shortname. If this parameter is omitted then passing the Fully Qualified Domain Name (FQDN) to

-ServerInstance is necessary to connect to a SQL Server instance enabled for Force Encryption.

> This parameter is new in v22 of the module.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-InputObject <Database>

Specifies the SQL database object, for which this cmdlet runs the operation.

Required?	true
Position?	2
Default value	None
Accept pipeline input?	True (ByValue)
Accept wildcard characters?	false

-Name <String>

Specifies the name of the column encryption key object that this cmdlet removes.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Path <String>

Specifies the path of the SQL database, for which this cmdlet runs the operation. If you do not specify a value for this parameter, this cmdlet uses the current working location.

Required?	false
Position?	2
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-ProgressAction <ActionPreference>

Determines how PowerShell responds to progress updates generated by a script, cmdlet, or provider, such as the progress bars generated by the Write-Progress cmdlet. The Write-Progress cmdlet creates progress bars that show a command's status.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Script [<SwitchParameter>]

Indicates that this cmdlet returns a Transact-SQL script that performs the task that this cmdlet performs.

Required?	false
Position?	named

Default value False
Accept pipeline input? False
Accept wildcard characters? false

`-TrustServerCertificate` [`<SwitchParameter>`]

Indicates whether the channel will be encrypted while bypassing walking the certificate chain to validate trust.

In v22 of the module, the default is ``$true`` (for compatibility with v21). In v23+ of the module, the default value will be `'$false'`, which may create a breaking change for existing scripts.

> This parameter is new in v22 of the module.

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>).

INPUTS

Microsoft.SqlServer.Management.Smo.Database

OUTPUTS

NOTES

----- Example 1: Remove a column encryption key by name -----

```
PS C:\> CD SQLSERVER:\SQL\MyServer\MyInstance\Databases\MyDatabase
```

```
PS SQLSERVER:\SQL\MyServer\MyInstance\Databases\MyDatabase> Remove-SqlColumnEncryptionKey -Name  
-Name "CEK1"
```

This command removes the column encryption key named `CEK1` from database `MyDatabase` on server instance
`MyServer\MyInstance`

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/sqlserver/remove-sqlcolumnencryptionkey>

[Get-SqlColumnEncryptionKey](#)

[New-SqlColumnEncryptionKey](#)