
## *Windows PowerShell Get-Help on Cmdlet 'Complete-SqlColumnMasterKeyRotation'*

***PS:\>Get-HELP Complete-SqlColumnMasterKeyRotation -Full***

NAME

Complete-SqlColumnMasterKeyRotation

SYNOPSIS

Completes the rotation of a column master key.

SYNTAX

Complete-SqlColumnMasterKeyRotation [-InputObject] <Database> [-AccessToken <PSObject>] [-Encrypt {Mandatory | Optional | Strict}] [-HostNameInCertificate <String>]

[-ProgressAction <ActionPreference>] [-Script] -SourceColumnMasterKeyName <String> [-TrustServerCertificate] [<CommonParameters>]

Complete-SqlColumnMasterKeyRotation [[-Path] <String>] [-AccessToken <PSObject>] [-Encrypt {Mandatory | Optional | Strict}] [-HostNameInCertificate <String>]

[-ProgressAction <ActionPreference>] [-Script] -SourceColumnMasterKeyName <String> [-TrustServerCertificate] [<CommonParameters>]

DESCRIPTION

The Complete-SqlColumnMasterKeyRotation cmdlet completes the process of replacing an existing column master key with a new, target, column master key for the Always

Encrypted feature.

The cmdlet gets all column encryption key objects containing encrypted key values that are encrypted with the specified source column master key.

The cmdlet then updates each column encryption key object to remove the entry for an encrypted value that was produced using the specified column master key.

As a result, each impacted column encryption key object will have only one encrypted value entry, produced using the column master key that is the target of the

rotation.

> `Module requirements: version 21+ on PowerShell 5.1; version 22+ on PowerShell 7.x.`

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? 1

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Path <String>

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

working location.

Required? false

Position? 1

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 runs a script to complete the rotation of a column master key.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-SourceColumnMasterKeyName <String>

Specifies the name of the source column master key.

Required? true

Position? named

Default value None

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

System.Object

NOTES

Example 1: Complete the process of rotating the column master key

PS C:\> Cleanup-SqlColumnMasterKey -SourceColumnMasterKeyName "CMK1"

This command completes the process of rotating the column master key named CMK1.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/sqlserver/complete-sqlcolumnmasterkeyrotation

Invoke-SqlColumnMasterKeyRotation