



Windows PowerShell Get-Help on Cmdlet 'New-SqlCngColumnMasterKeySettings'

PS:\>Get-HELP New-SqlCngColumnMasterKeySettings -Full

NAME

New-SqlCngColumnMasterKeySettings

SYNOPSIS

Creates a SqlColumnMasterKeySettings object describing an asymmetric key stored in a key store supporting the CNG API.

SYNTAX

New-SqlCngColumnMasterKeySettings [-CngProviderName] <String> [-KeyName] <String> [-ProgressAction <ActionPreference>] [<CommonParameters>]

DESCRIPTION

The New-SqlCngColumnMasterKeySettings cmdlet creates a SqlColumnMasterKeySettings object. The SqlColumnMasterKeySettings object references a key, stored in a key

store supporting the Cryptography Next Generation (CNG) API. The SqlColumnMasterKeySettings object has two properties: KeyStoreProviderName and KeyPath . This cmdlet

sets the KeyStoreProviderName property to contain the name of the column master key store provider for CNG, then generates and sets the value of the KeyPath property

to reference the specified key.

PARAMETERS

-CngProviderName <String>

Specifies the name of the CNG provider for the key store.

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-KeyName <String>

Specifies the name of the key in the key store.

Required? true

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

<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

OUTPUTS

SqlColumnMasterKeySettings

NOTES

---- Example 1: Create a SqlColumnMasterKeySettings object ----

```
PS C:\> $CMKSettings = New-SqlCngColumnMasterKeySettings -CngProviderName "Microsoft Software Key Storage Provider" -KeyName "AlwaysEncryptedKey"
```

This command creates a SqlColumnMasterKeySettings object referencing a key in a key store encapsulated by a CNG provider named Microsoft Software Key Storage

Provider. The command then stores the result of the operation in the variable named \$CMKSettings .

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/sqlserver/new-sqlcngcolumnmasterkeysettings>
SqlServer_Cmdlets