



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

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

NAME

New-SqlCspColumnMasterKeySettings

SYNOPSIS

Creates a SqlColumnMasterKeySettings object describing an asymmetric key stored in a key store with a CSP supporting CAPI.

SYNTAX

New-SqlCspColumnMasterKeySettings [-CspProviderName] <String> [-KeyName] <String> [-ProgressAction <ActionPreference>] [<CommonParameters>]

DESCRIPTION

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

store using a Cryptographic Service Provider (CSP) supporting the Microsoft Crypto API (CAPI). 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 using CSP/CAPI, then

generates and sets the value of the KeyPath property to reference the specified key.

PARAMETERS

-CspProviderName <String>

Specifies the name of the CSP 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-SqlCspColumnMasterKeySettings -CspProviderName "Microsoft Software Key Storage  
Provider" -KeyName "AlwaysEncryptedKey"
```

This command creates a SqlColumnMasterKeySettings object referencing a key in a key store encapsulated by a CSP provider called Microsoft Software Key Storage Provider.

RELATED LINKS

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