



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

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

NAME

New-SqlBackupEncryptionOption

SYNOPSIS

Creates the encryption options for the Backup-SqlDatabase cmdlet or the Set-SqlSmartAdmin cmdlet.

SYNTAX

```
New-SqlBackupEncryptionOption [-Algorithm {Aes128 | Aes192 | Aes256 | TripleDes}] [-EncryptorName <String>]
[-EncryptorType {ServerCertificate | ServerAsymmetricKey}]
[-NoEncryption] [-ProgressAction <ActionPreference>] [<CommonParameters>]
```

DESCRIPTION

The New-SqlBackupEncryptionOption cmdlet creates the encryption options for the Backup-SqlDatabase cmdlet or the Set-SqlSmartAdmin cmdlet.

PARAMETERS

-Algorithm <BackupEncryptionAlgorithm>

Specifies the encryption algorithm.

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

-EncryptorName <String>

Specifies the name of the server certificate or server asymmetric key.

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

-EncryptorType <BackupEncryptorType>

Specifies the encryptor type.

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

-NoEncryption [<SwitchParameter>]

Indicates that this cmdlet disables encryption. This parameter cannot be used with any other parameters.

Required?	false
Position?	named
Default value	False
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

Microsoft.SqlServer.Management.Smo.BackupEncryptionOptions

This cmdlet is used as input to the EncryptionOption parameter for the Backup-SqlDatabase and Set-SqlSmartAdmin cmdlets.

NOTES

```
PS C:\> $EncryptionOption = New-SqlBackupEncryptionOption -Algorithm Aes256 -EncryptorType ServerCertificate  
-EncryptorName "BackupCert"
```

This command creates the encryption options and stores the result in the variable named \$EncryptionOption

RELATED LINKS

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

[Backup-SqlDatabase](#)

[Set-SqlSmartAdmin](#)