



Windows PowerShell Get-Help on Cmdlet 'Set-SqlSmartAdmin'

PS:\>Get-HELP Set-SqlSmartAdmin -Full

NAME

Set-SqlSmartAdmin

SYNOPSIS

Configures or modifies backup retention and storage settings.

SYNTAX

```
Set-SqlSmartAdmin [-InputObject] <SmartAdmin> [-AccessToken <PSObject>] [-BackupEnabled <Boolean>]
[-BackupRetentionPeriodInDays <Int32>] [-DatabaseName <String>]
[-Encrypt {Mandatory | Optional | Strict}] [-EncryptionOption <BackupEncryptionOptions>] [-HostNameInCertificate
<String>] [-MasterSwitch <Boolean>] [-ProgressAction
<ActionPreference>] [-Script] [-SqlCredential <PSObject>] [-TrustServerCertificate] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Set-SqlSmartAdmin [[-Path] <String>] [-AccessToken <PSObject>] [-BackupEnabled <Boolean>]
[-BackupRetentionPeriodInDays <Int32>] [-DatabaseName <String>] [-Encrypt
{Mandatory | Optional | Strict}] [-EncryptionOption <BackupEncryptionOptions>] [-HostNameInCertificate <String>]
[-MasterSwitch <Boolean>] [-ProgressAction
<ActionPreference>] [-Script] [-SqlCredential <PSObject>] [-TrustServerCertificate] [-Confirm] [-WhatIf]
```

[<CommonParameters>]

DESCRIPTION

The Set-SqlSmartAdmin cmdlet configures or modifies the BackupEnabled , BackupRetentionPeriodinDays , MasterSwitch , and SqlCredential parameter settings. This cmdlet can be run for only instance level configurations and not for a specific database.

This cmdlet supports the following modes of operation to return the object:

- Pass a Smo.Server object to the InputObject parameter, either directly or through the pipeline.
- Pass the path of the instance of SQL Server to the Path parameter

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

-BackupEnabled <Boolean>

Indicates that this cmdlet enables SQL Server Managed Backup to Windows Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-BackupRetentionPeriodInDays <Int32>

Specifies the number of days the backup files should be retained. This determines the timeframe of the recoverability for the databases. For instance, if you set

the value for 30 days, you can recover a database to a point in time in the last 30 days.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DatabaseName <String>

Specifies the name of the database that this cmdlet modifies.

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

-EncryptionOption <BackupEncryptionOptions>

Specifies the encryption options.

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 <SmartAdmin>

Specifies the Smo Smart Admin object. You can use the Get-SqlSmartAdmin cmdlet to get this object.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	True (ByValue)
Accept wildcard characters?	false

-MasterSwitch <Boolean>

Indicates that this cmdlet pauses or restarts all services under Smart Admin including SQL Server Managed Backup to Windows Azure.

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

-Path <String>

Specifies the path to the instance of SQL Server. If you do not specify a value for this parameter, the cmdlet uses the current working directory. This is useful when you create scripts to manage multiple instances.

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 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

-SqlCredential <PSObject>

Specifies the SqlCredential object that is used to authenticate to the Windows Azure storage account.

Required? false

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

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

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

Microsoft.SqlServer.Management.Smo.SmartAdmin

OUTPUTS

NOTES

-- Example 1: Configure backup retention and storage settings --

```
PS C:\> $EncryptionOption = New-SqlBackupEncryptionOption -EncryptionAlgorithm Aes128 -EncryptorType  
ServerCertificate -EncryptorName "MyBackupCert"
```

This command configures backup retention for storage settings that uses the encryptor named `MyBackupCert` and stores the result in the variable named
`\$EncryptionOption`.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/sqlserver/set-sqlsmartadmin>
Get-SqlSmartAdmin