



Windows PowerShell Get-Help on Cmdlet 'Get-SqlBackupHistory'

PS:\>Get-HELP Get-SqlBackupHistory -Full

NAME

Get-SqlBackupHistory

SYNOPSIS

Gets backup information about databases and returns SMO BackupSet objects for each Backup record found based on the parameters specified to this cmdlet.

SYNTAX

```
Get-SqlBackupHistory [[-ServerInstance] <String[]>] [-AccessToken <PSObject>] [-BackupType {Database | Differential |
Incremental | Log | FileOrFileGroup |
FileOrFileGroupDifferential}] [-ConnectionTimeout <Int32>] [-Credential <PSCredential>] [-DatabaseName
<System.Collections.Generic.List`1[System.String]>] [-Encrypt
{Mandatory | Optional | Strict}] [-EndTime <DateTime>] [-HostNameInCertificate <String>] [-IgnoreProviderContext]
[-IncludeSnapshotBackups] [-ProgressAction
<ActionPreference>] [-Since {Midnight | Yesterday | LastWeek | LastMonth}] [-StartTime <DateTime>]
[-SuppressProviderContextWarning] [-TimeSpan <TimeSpan>]
[-TrustServerCertificate] [<CommonParameters>]
```

Get-SqlBackupHistory [-InputObject] <Server[]> [-AccessToken <PSObject>] [-BackupType {Database | Differential |

Incremental | Log | FileOrFileGroup |

FileOrFileGroupDifferential]] [-DatabaseName <System.Collections.Generic.List`1[System.String]>] [-Encrypt {Mandatory | Optional | Strict}] [-EndTime <DateTime>] [-HostNameInCertificate <String>] [-IgnoreProviderContext] [-IncludeSnapshotBackups] [-ProgressAction <ActionPreference>] [-Since {Midnight | Yesterday | LastWeek | LastMonth}] [-StartTime <DateTime>] [-SuppressProviderContextWarning] [-TimeSpan <TimeSpan>] [-TrustServerCertificate] [<CommonParameters>]

Get-SqlBackupHistory [[-Path] <String[]>] [-AccessToken <PSObject>] [-BackupType {Database | Differential | Incremental | Log | FileOrFileGroup | FileOrFileGroupDifferential}] [-DatabaseName <System.Collections.Generic.List`1[System.String]>] [-Encrypt {Mandatory | Optional | Strict}] [-EndTime <DateTime>] [-HostNameInCertificate <String>] [-IgnoreProviderContext] [-IncludeSnapshotBackups] [-ProgressAction <ActionPreference>] [-Since {Midnight | Yesterday | LastWeek | LastMonth}] [-StartTime <DateTime>] [-SuppressProviderContextWarning] [-TimeSpan <TimeSpan>] [-TrustServerCertificate] [<CommonParameters>]

DESCRIPTION

This cmdlet searches the server instance and gets the backup records as SMO BackupSet objects for all the records found matching the specified parameters.

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 -ResourceUri

<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

-BackupType <BackupSetType>

The type of backup to filter on. If not specified then gets all backup types. Accepted values are defined below.

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

-ConnectionTimeout <Int32>

The time to wait in seconds for a connection to be established and the dynamically generated -DatabaseName parameter to be populated.

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

-Credential <PSCredential>

The PSCredential object whose username and password fields are used to connect to the SQL instance.

Required?	false
Position?	named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-DatabaseName <System.Collections.Generic.List`1[System.String]>

The names of the databases whose backup records are to be retrieved. This is a dynamically populated field and so provides auto-complete suggestions on database names.

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

-EndTime <DateTime>

The time before which all backup records to be retrieved should have completed.

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

-IgnoreProviderContext [<SwitchParameter>]

Indicates that this cmdlet does not use the current context to override the values of the ServerInstance , DatabaseName parameters. If you do not specify this

parameter, the cmdlet ignores the values of these parameters, if possible, in favor of the context in which you run the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-IncludeSnapshotBackups [<SwitchParameter>]

This switch will make the cmdlet obtain records for snapshot backups as well. By default such backups are not retrieved.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <Server[]>

Specifies SMO Server objects to get the backup records for.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Path <String[]>

Specifies the SQL provider path to either a server instance or a database for this cmdlet to use to obtain BackupSets for. If not specified 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

-ServerInstance <String[]>

The name of the server instances which this cmdlet will target.

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

-Since <SinceType>

Specifies an abbreviation that you can instead of the StartTime parameter.

It can be specified with the EndTime parameter.

You cannot use the StartTime parameter, if you use this parameter.

The acceptable values for this parameter are:

- Midnight (gets all the job history information generated after midnight)
- Yesterday (gets all the job history information generated in the last 24 hours)

- LastWeek (gets all the job history information generated in the last week)

- LastMonth (gets all the job history information generated in the last month)

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

-StartTime <DateTime>

Gets the backup records which started after this specified time.

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

-SuppressProviderContextWarning [<SwitchParameter>]

Suppresses the warning when the cmdlet is using the provider context.

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

-TimeSpan <TimeSpan>

If specified, it causes the cmdlet to filter records generated more than 'Timespan' ago.

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

`<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

`System.String[]`

`Microsoft.SqlServer.Management.Smo.Server[]`

OUTPUTS

System.Object

NOTES

----- Example 1 -----

```
PS C:\> Get-SqlBackupHistory -ServerInstance test-server -DatabaseName AdventureWorks2014
```

Name	Type	Backup Start Date	Backup Finish Date
----	----	-----	-----
AdventureWorks2014-Full Database Backup	Database	2/21/2017 7:52:39 PM	2/21/2017 7:52:40 PM
AdventureWorks2014-Full Database Backup	Database	3/20/2017 2:41:39 PM	3/20/2017 2:41:39 PM
AdventureWorks2014-Full-2017-07-24T22:22	Database	7/24/2017 3:23:11 PM	7/24/2017 3:23:11 PM

This example gets records for all backup types for AdventureWorks2014 database on test-server SQL instance.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/sqlserver/get-sqlbackuphistory>

Backup-SqlDatabase