



### ***Windows PowerShell Get-Help on Cmdlet 'Get-AzSqlDatabaseGeoBackup'***

***PS:\>Get-HELP Get-AzSqlDatabaseGeoBackup -Full***

#### **NAME**

Get-AzSqlDatabaseGeoBackup

#### **SYNOPSIS**

Gets a geo-redundant backup of a database.

#### **SYNTAX**

```
Get-AzSqlDatabaseGeoBackup [-ResourceGroupName] <System.String> [-ServerName] <System.String>
[[-DatabaseName] <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ExpandKeyList]
[-KeysFilter <System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

#### **DESCRIPTION**

The Get-AzSqlDatabaseGeoBackup cmdlet gets a specified geo-redundant backup of a SQL database or all available geo-redundant backups on a specified server. A

geo-redundant backup is a restorable resource using data files from a separate geographic location. You can use Geo-Restore to restore a geo-redundant backup in the

event of a regional outage to recover your database to a new region. This cmdlet is also supported by the SQL Server Stretch Database service on Azure.

## PARAMETERS

-DatabaseName <System.String>

Specifies the name of the database to get.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with azure

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ExpandKeyList <System.Management.Automation.SwitchParameter>

Flag to be used to view all the AKV keys in a database.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-KeysFilter <System.String>

Timestamp filter to Get AKV keys

|                             |                       |
|-----------------------------|-----------------------|
| Required?                   | false                 |
| Position?                   | named                 |
| Default value               | None                  |
| Accept pipeline input?      | True (ByPropertyName) |
| Accept wildcard characters? | false                 |

-ResourceGroupName <System.String>

Specifies the name of the resource group to which the SQL database server is assigned.

|                             |                       |
|-----------------------------|-----------------------|
| Required?                   | true                  |
| Position?                   | 0                     |
| Default value               | None                  |
| Accept pipeline input?      | True (ByPropertyName) |
| Accept wildcard characters? | false                 |

-ServerName <System.String>

Specifies the name of the server that hosts the backup to restore.

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

-Confirm <System.Management.Automation.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 <System.Management.Automation.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

<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

## OUTPUTS

Microsoft.Azure.Commands.Sql.Backup.Model.AzureSqlDatabaseGeoBackupModel

## NOTES

----- Example 1: Get all geo-redundant backups on a server -----

```
Get-AzSqlDatabaseGeoBackup -ResourceGroupName "ContosoResourceGroup" -ServerName "ContosoServer"
```

This command gets all available geo-redundant backups on a specified server.

----- Example 2: Get a specified geo-redundant backup -----

```
Get-AzSqlDatabaseGeoBackup -ResourceGroupName "ContosoResourceGroup" -ServerName "ContosoServer"  
-DatabaseName "ContosoDatabase"
```

This command gets the database geo-redundant backup named ContosoDatabase.

Example 3: Get all geo-redundant backups on a server using filtering

```
Get-AzSqlDatabaseGeoBackup -ResourceGroupName "ContosoResourceGroup" -ServerName "ContosoServer"  
-DatabaseName "Contoso*"
```

This command gets all available geo-redundant backups on a specified server that start with "Contoso".

Example 4: Get a recoverable database with TDE AKV keys on a server using expand keys

```
Get-AzSqlDatabaseGeoBackup -ResourceGroupName "ContosoResourceGroup" -ServerName "ContosoServer"  
-DatabaseName "Contoso" -ExpandKeyList
```

This command gets a recoverable database configured with CMK with expand keys on a specified server. This filter when used, shows all AKV keys on a database.

Online Version: <https://learn.microsoft.com/powershell/module/az.sql/get-azsqldatabasegeobackup>

Overview: Cloud business continuity and database disaster recovery with SQL Database

<http://go.microsoft.com/fwlink/?LinkId=746881>

Recover an Azure SQL Database from an outage <http://go.microsoft.com/fwlink/?LinkId=746882>

Restore-AzSqlDatabase

SQL Database Documentation <https://learn.microsoft.com/azure/sql-database/>