



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

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

NAME

Get-AzSqlDatabaseLongTermRetentionBackup

SYNOPSIS

Gets one or more long term retention backups.

SYNTAX

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

```
Get-AzSqlDatabaseLongTermRetentionBackup [-Location] <System.String> [-ResourceId] <System.String>
[-BackupName] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
<Microsoft.Azure.Commands.Sql.Database.Model.AzureSqlDatabaseModel> [-BackupName] <System.String>
    [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Get-AzSqlDatabaseLongTermRetentionBackup [-Location] <System.String> [-ServerName] <System.String>
[-DatabaseName <System.String>] [-DatabaseState {All | Deleted |
    Live}] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-OnlyLatestPerDatabase] [-ResourceGroupName
    <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Get-AzSqlDatabaseLongTermRetentionBackup [-Location] <System.String> [-DatabaseState {All | Deleted | Live}]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-OnlyLatestPerDatabase] [-ResourceGroupName <System.String>] [-Confirm]
    [-WhatIf] [<CommonParameters>]
```

```
Get-AzSqlDatabaseLongTermRetentionBackup [-Location] <System.String> [-ResourceId] <System.String>
[-DatabaseState {All | Deleted | Live}] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-OnlyLatestPerDatabase] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Get-AzSqlDatabaseLongTermRetentionBackup [-InputObject]
<Microsoft.Azure.Commands.Sql.Database.Model.AzureSqlDatabaseModel> [-DatabaseState {All | Deleted | Live}]
    [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-OnlyLatestPerDatabase] [-Confirm] [-WhatIf]
    [<CommonParameters>]
```

DESCRIPTION

The Get-AzSqlDatabaseLongTermRetentionBackup cmdlet gets all long term retention backups for a location, server, or database or gets a specific long term retention backup.

PARAMETERS

-BackupName <System.String>

The name of the backup.

Required? true

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-DatabaseName <System.String>

The name of the Azure SQL Database the backup is from.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DatabaseState <System.String>

The state of the database whose backups you want to find, Alive, Deleted, or All. Defaults to All

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-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

-InputObject <Microsoft.Azure.Commands.Sql.Database.Model.AzureSqlDatabaseModel>

The database object to get backups for.

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

-Location <System.String>

The location of the backups' source server.

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-OnlyLatestPerDatabase <System.Management.Automation.SwitchParameter>

Whether or not to only get the latest backup per database. Defaults to false.

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

-ResourceGroupName <System.String>

The name of the resource group.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

The database Resource ID to get backups for.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

The name of the Azure SQL Server the backups are under.

Required? true

Position? 1

Default value None

Accept pipeline input? False

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

Microsoft.Azure.Commands.Sql.Database.Model.AzureSqlDatabaseModel

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.Backup.Model.AzureSqlDatabaseLongTermRetentionBackupModel

NOTES

----- Example 1: Get all backups for a location -----

Get-AzSqlDatabaseLongTermRetentionBackup -Location northeurope

BackupExpirationTime : 3/22/2018 5:50:55 AM

BackupName : 601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

BackupTime : 3/15/2018 5:50:55 AM

DatabaseName : database01

DatabaseDeletionTime :

Location : northeurope

ResourceId :

/subscriptions/371edd6d-9630-4558-a7bd-ee139498e6a1/resourceGroups/resourcegroup01/providers/Microsoft.Sql/locations/northeurope/longTermRetentionSe

rvers/server01/longTermRetentionDatabases/database01/longTermRetentionBackups/601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

ServerName : server01

ServerCreateTime : 2/29/2018 12:12:19 AM

ResourceGroupName :

BackupStorageRedundancy : Geo

BackupExpirationTime : 3/22/2018 11:43:18 PM

BackupName : 55970792-164c-4a4a-88e5-7158d092d503;131656309980000000

BackupTime : 3/15/2018 11:43:18 PM

DatabaseName : database02

DatabaseDeletionTime : 3/18/2018 4:36:00 PM

Location : northeurope

ResourceId :

/subscriptions/371edd6d-9630-4558-a7bd-ee139498e6a1/providers/Microsoft.Sql/locations/northeurope/longTermRetentionServers/server02/longTermRetentio

nDatabases/database02/longTermRetentionBackups/55970792-164c-4a4a-88e5-7158d092d503;131656309980000000

ServerName : server02
ServerCreateTime : 2/28/2018 12:12:19 AM
ResourceGroupName :
BackupStorageRedundancy : Geo

This command gets all long term retention backups for all databases (which may be alive or deleted) in southeastasia, resource group will be set only if server is live.

Example 2: Get all backups for a location under a resource group

Get-AzSqlDatabaseLongTermRetentionBackup -Location northeurope -ResourceGroupName resourceGroup01

BackupExpirationTime : 3/22/2018 5:50:55 AM
BackupName : 601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000
BackupTime : 3/15/2018 5:50:55 AM
DatabaseName : database01
DatabaseDeletionTime :
Location : northeurope
ResourceId :
/subscriptions/371edd6d-9630-4558-a7bd-ee139498e6a1/resourceGroups/resourcegroup01/providers/Microsoft.Sql/locations/northeurope/longTermRetentionBackups/
onServers/server01/longTermRetentionDatabases/database01/longTermRetentionBackups/601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

ServerName : server01
ServerCreateTime : 2/29/2018 12:12:19 AM
ResourceGroupName : resourceGroup01
BackupStorageRedundancy : Geo

This command gets all long term retention backups for all databases (which may be alive or deleted) under a resource group in northeurope.

----- Example 3: Get a specific long term retention backup -----

```
Get-AzSqlDatabaseLongTermRetentionBackup -Location northeurope -ServerName server01 -DatabaseName
database01 -BackupName
"601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000"
```

BackupExpirationTime : 3/22/2018 5:50:55 AM

BackupName : 601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

BackupTime : 3/15/2018 5:50:55 AM

DatabaseName : database01

DatabaseDeletionTime :

Location : northeurope

ResourceId :

/subscriptions/371edd6d-9630-4558-a7bd-ee139498e6a1/resourceGroups/resourcegroup01/providers/Microsoft.Sql/locations/northeurope/longTermRetentionBackups/601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

ionServers/server01/longTermRetentionDatabases/database01/longTermRetentionBackups/601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

ServerName : server01

ServerCreateTime : 2/29/2018 12:12:19 AM

ResourceGroupName :

BackupStorageRedundancy : Geo

This command gets the backup with name 601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

Example 4: Get all long term retention backups for a database

```
Get-AzSqlDatabase -ResourceGroupName resourcegroup01 -ServerName server01 -DatabaseName database01 |
Get-AzSqlDatabaseLongTermRetentionBackup
```

BackupExpirationTime : 3/22/2018 5:50:55 AM

BackupName : 601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

BackupTime : 3/15/2018 5:50:55 AM

DatabaseName : database01

DatabaseDeletionTime :

Location : northeurope

ResourceId

:

/subscriptions/371edd6d-9630-4558-a7bd-ee139498e6a1/resourceGroups/resourcegroup01/providers/Microsoft.Sql/locations/northeurope/longTermRetention

onServers/server01/longTermRetentionDatabases/database01/longTermRetentionBackups/601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

ServerName : server01

ServerCreateTime : 2/29/2018 12:12:19 AM

ResourceGroupName :

BackupStorageRedundancy : Geo

This command gets all long term retention backups for database01

-- Example 5: Get long term retention backups using filtering --

Get-AzSqlDatabaseLongTermRetentionBackup -Location northeurope -ServerName server01 -DatabaseName database01 -BackupName "601061b7**"

BackupExpirationTime : 3/22/2018 11:43:18 PM

BackupName : 601061b7-164c-4a4a-88e5-7158d092d503;131656309980000000

BackupTime : 3/15/2018 11:43:18 PM

DatabaseName : database02

DatabaseDeletionTime : 3/18/2018 4:36:00 PM

Location : northeurope

ResourceId

:

/subscriptions/371edd6d-9630-4558-a7bd-ee139498e6a1/resourceGroups/resourcegroup01/Microsoft.Sql/locations/northeurope/servers/server01/databases/database02/backups/601061b7-164c-4a4a-88e5-7158d092d503;131656309980000000

rope/longTermRetentionServers

/server01/longTermRetentionDatabases/database02/longTermRetentionBackups/601061b7-164c-4a4a-88e5-7158d092d503;131656309980000000

ServerName : server01

ServerCreateTime : 2/28/2018 12:12:19 AM

ResourceGroupName :

BackupStorageRedundancy : Geo

BackupExpirationTime : 3/22/2018 5:50:55 AM

BackupName : 601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

BackupTime : 3/15/2018 5:50:55 AM

DatabaseName : database01

DatabaseDeletionTime :

Location : northeurope

ResourceId :

/subscriptions/371edd6d-9630-4558-a7bd-ee139498e6a1/resourceGroups/resourcegroup01/providers/Microsoft.Sql/locations/northeurope/longTermRetenti

onServers/server01/longTermRetentionDatabases/database01/longTermRetentionBackups/601061b7-d10b-46e0-bf77-a2bfb16a6add;131655666550000000

ServerName : server01

ServerCreateTime : 2/29/2018 12:12:19 AM

ResourceGroupName :

BackupStorageRedundancy : Geo

This command gets all backups with name that starts with "601061b7"

RELATED LINKS

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

Update-AzSqlDatabaseLongTermRetentionBackup

Copy-AzSqlDatabaseLongTermRetentionBackup

Remove-AzSqlDatabaseLongTermRetentionBackup

Get-AzSqlDatabaseBackupLongTermRetentionPolicy

Set-AzSqlDatabaseBackupLongTermRetentionPolicy

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