



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

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

NAME

New-AzSqlDatabaseCopy

SYNOPSIS

Creates a copy of a SQL Database that uses the snapshot at the current time.

SYNTAX

```
New-AzSqlDatabaseCopy [-ResourceGroupName] <System.String> [-ServerName] <System.String> [-DatabaseName]
<System.String> [-AsJob] [-AssignIdentity]
    [-BackupStorageRedundancy {Local | Zone | Geo | GeoZone}] -ComputeGeneration <System.String>
-CopyDatabaseName <System.String> [-CopyResourceGroupName
    <System.String>] [-CopyServerName <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
    [-EncryptionProtector <System.String>] [-EncryptionProtectorAutoRotation] [-FederatedClientId
<System.Nullable`1[System.Guid]>] [-KeyList <System.String[]>]
    [-LicenseType <System.String>] [-Tags <System.Collections.Hashtable>] [-UserAssignedIdentityId <System.String[]>]
-VCore <System.Int32> [-ZoneRedundant] [-Confirm]
    [-WhatIf] [<CommonParameters>]
```

```

New-AzSqlDatabaseCopy [-ResourceGroupName] <System.String> [-ServerName] <System.String> [-DatabaseName]
<System.String> [-AsJob] [-AssignIdentity]

[-BackupStorageRedundancy {Local | Zone | Geo | GeoZone}] -CopyDatabaseName <System.String>
[-CopyResourceGroupName <System.String>] [-CopyServerName <System.String>]

[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-ElasticPoolName <System.String>] [-EncryptionProtector

<System.String>] [-EncryptionProtectorAutoRotation] [-FederatedClientId <System.Nullable`1[System.Guid]>] [-KeyList
<System.String[]>] [-LicenseType <System.String>]

[-ServiceObjectiveName <System.String>] [-Tags <System.Collections.Hashtable>] [-UserAssignedIdentityId
<System.String[]>] [-ZoneRedundant] [-Confirm] [-WhatIf]

[<CommonParameters>]

```

DESCRIPTION

The New-AzSqlDatabaseCopy cmdlet creates a copy of an Azure SQL Database that uses the snapshot of the data at the current time. Use this cmdlet instead of the

Start-AzSqlDatabaseCopy cmdlet to create a one-time database copy. This cmdlet returns the Database object of the copy. Note: Use the New-AzSqlDatabaseSecondary

cmdlet to configure geo-replication for a database. This cmdlet is also supported by the SQL Server Stretch Database service on Azure.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-AssignIdentity <System.Management.Automation.SwitchParameter>

Generate and assign a Microsoft Entra identity for this database for use with key management services like Azure KeyVault.

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

-BackupStorageRedundancy <System.String>

The Backup storage redundancy used to store backups for the SQL Database. Options are: Local, Zone and Geo.

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

-ComputeGeneration <System.String>

The compute generation to assign to the new copy.

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

-CopyDatabaseName <System.String>

Specifies the name of the SQL Database copy.

Required?	true
Position?	named
Default value	None

Accept pipeline input? False

Accept wildcard characters? false

-CopyResourceGroupName <System.String>

Specifies the name of the Azure Resource Group in which to assign the copy.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-CopyServerName <System.String>

Specifies the name of the SQL Server which hosts the copy.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DatabaseName <System.String>

Specifies the name of the SQL Database to copy.

Required? true

Position? 2

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

-ElasticPoolName <System.String>

Specifies the name of the elastic pool in which to assign the copy.

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

-EncryptionProtector <System.String>

The encryption protector key for SQL Database copy.

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

-EncryptionProtectorAutoRotation <System.Management.Automation.SwitchParameter>

The AKV Key Auto Rotation status

Required? false
Position? named
Default value False
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-FederatedClientId <System.Nullable`1[System.Guid]>

The federated client id for the SQL Database. It is used for cross tenant CMK scenario.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-KeyList <System.String[]>

The list of AKV keys for the SQL Database copy.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LicenseType <System.String>

The license type for the Azure Sql database.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the Resource Group that contains the database to copy.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

Specifies the name of the SQL Server that contains the database to copy.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServiceObjectiveName <System.String>

Specifies the name of the service objective to assign to the copy.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Tags <System.Collections.Hashtable>

Specifies the Key-value pairs in the form of a hash table to associate with the Azure SQL Database copy. For example:

@{key0="value0";key1=\$null;key2="value2"}

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-UserAssignedIdentityId <System.String[]>

The list of user assigned identity for the SQL Database copy.

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

-VCore <System.Int32>

The Vcore numbers of the Azure Sql Database copy.

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

-ZoneRedundant <System.Management.Automation.SwitchParameter>

The zone redundancy to associate with the Azure Sql Database. This property is only settable for Hyperscale edition databases.

Required? false
Position? named
Default value False
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

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.Replication.Model.AzureSqlDatabaseCopyModel

NOTES

```
New-AzSqlDatabaseCopy -CopyDatabaseName <String> -CopyResourceGroupName <String> -CopyServerName  
<String> -DatabaseName db1 -ResourceGroupName MyResourceGroup  
-ServerName s1
```

----- Example 2 -----

```
New-AzSqlDatabaseCopy -CopyDatabaseName <String> -CopyResourceGroupName <String> -CopyServerName  
<String> -DatabaseName db1 -ResourceGroupName MyResourceGroup  
-ServerName s1 -ServiceObjectiveName 'S1'
```

RELATED LINKS

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

[New-AzSqlDatabaseSecondary](#)

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