



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

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

NAME

New-AzSqlDatabaseExport

SYNOPSIS

Exports an Azure SQL Database as a .bacpac file to a storage account.

SYNTAX

```
New-AzSqlDatabaseExport [-ResourceGroupName] <System.String> [-ServerName] <System.String> [-DatabaseName]
<System.String> -AdministratorLogin <System.String>
-AdministratorLoginPassword <System.Security.SecureString> [-AuthenticationType {None | Sql | AdPassword}]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-SqlServerResourceIdForPrivateLink <System.String>]
[-StorageAccountResourceIdForPrivateLink <System.String>] -StorageKey <System.String> -StorageKeyType
{StorageAccessKey | SharedAccessKey} -StorageUri <System.Uri>
[-UseNetworkIsolation <System.Boolean>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The New-AzSqlDatabaseExport cmdlet exports an Azure SQL Database as a .bacpac file to a storage account. The get export database status request may be sent to

retrieve status information for this request. This cmdlet is also supported by the SQL Server Stretch Database service on Azure.

> [!IMPORTANT] > In order to make use of this cmdlet the firewall on the Azure SQL Server will need to be configured to "Allow Azure services and resources to access this server". If this is not configured then GatewayTimeout errors will be experienced.

PARAMETERS

-AdministratorLogin <System.String>

Specifies the name of the SQL administrator.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AdministratorLoginPassword <System.Security.SecureString>

Specifies the password of the SQL administrator.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AuthenticationType <Microsoft.Azure.Commands.Sql.ImportExport.Model.AuthenticationType>

Specifies the type of authentication used to access the server. The default value is SQL if no authentication type is set.

The acceptable values for this

parameter are: - Sql. SQL authentication. Set the AdministratorLogin and AdministratorLoginPassword to the SQL

administrator username and password. - ADPassword.

Microsoft Entra authentication. Set AdministratorLogin and AdministratorLoginPassword to the Microsoft Entra administrator username and password. This parameter is only available on SQL Database V12 servers.

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.

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

-ResourceGroupName <System.String>

Specifies the name of the resource group for the SQL Database server.

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

-ServerName <System.String>

Specifies the name of the SQL Database server.

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

-SqlServerResourceIdForPrivateLink <System.String>

The sql server resource id to create private link

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

-StorageAccountResourceIdForPrivateLink <System.String>

The storage account resource id to create private link

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

-StorageKey <System.String>

Specifies the access key for the storage account.

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

-StorageKeyType <Microsoft.Azure.Commands.Sql.ImportExport.Model.StorageKeyType>

Specifies the type of access key for the storage account. The acceptable values for this parameter are: - StorageAccessKey. This value uses a storage account key.
- SharedAccessKey. This value uses a Shared Access Signature (SAS) key.

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

-StorageUri <System.Uri>

Specifies the blob link, as a URL, to the .bacpac file.

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

-UseNetworkIsolation <System.Boolean>

If set, will create private link for storage account and/or SQL server

Required?	false
Position?	named

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

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.ImportExport.Model.AzureSqlDatabaseImportExportBaseModel

NOTES

* Keywords: azure, azurearm, arm, resource, management, manager, sql, database, mssql

----- Example 1: Create an export request for a database -----

```
New-AzSqlDatabaseExport -ResourceGroupName "RG01" -ServerName "Server01" -DatabaseName "Database01"
-StorageKeyType "StorageAccessKey" -StorageKey "StorageKey01"
-StorageUri "http://account01.blob.core.contoso.net/bacpacs/database01.bacpac" -AdministratorLogin "User"
-AdministratorLoginPassword "secure password"
```

ResourceGroupName : RG01

ServerName : Server01

DatabaseName : Database01

StorageKeyType : StorageAccessKey

StorageKey :

StorageUri : http://account01.blob.core.contoso.net/bacpacs/database01.bacpac

AdministratorLogin : User

AdministratorLoginPassword :

AuthenticationType : None

OperationStatusLink :

<https://management.azure.com/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/resource01/providers/Microsoft.Sql/servers/>

[server01/databases/database01/importExportOperationResults/00000000-00](#)

[0-0000-0000-000000000000?api-version=2014-04-01](#)

Status : InProgress

ErrorMessage :

This command creates an export request for the specified database.

RELATED LINKS

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

[Get-AzSqlDatabaseImportExportStatus](#)

[New-AzSqlDatabaseImport](#)

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