



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

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

NAME

New-AzSqlDatabaseImport

SYNOPSIS

Imports a .bacpac file and create a new database on the server.

SYNTAX

```
New-AzSqlDatabaseImport [-ResourceGroupName] <System.String> [-ServerName] <System.String>
-AdministratorLogin <System.String> -AdministratorLoginPassword
<System.Security.SecureString> [-AuthenticationType {None | Sql | AdPassword}] -DatabaseMaxSizeBytes
<System.Int64> -DatabaseName <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Edition {None |
Premium | Basic | Standard | DataWarehouse | Stretch |
Free | PremiumRS | GeneralPurpose | BusinessCritical | Hyperscale} -ServiceObjectiveName <System.String>
[-SqlServerResourceIdForPrivateLink <System.String>]
[-StorageAccountResourceIdForPrivateLink <System.String>] -StorageKey <System.String> -StorageKeyType
{StorageAccessKey | SharedAccessKey} -StorageUri <System.Uri>
[-UseNetworkIsolation <System.Boolean>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The `New-AzSqlDatabaseImport` cmdlet imports a bacpac file from an Azure storage account to a new Azure SQL Database. The get import database status request may be sent to retrieve status information for this request.

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. This parameter defaults to SQL if no authentication type is set. The acceptable values for this

parameter are: - SQL. SQL authentication. Set the `AdministratorLogin` and `AdministratorLoginPassword` parameters 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

-DatabaseMaxSizeBytes <System.Int64>

Specifies the maximum size for the newly imported database.

Required?	true
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?	named
Default value	None
Accept pipeline input?	False
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

-Edition <Microsoft.Azure.Commands.Sql.Database.Model.DatabaseEdition>

Specifies the edition of the new database to import to. The acceptable values for this parameter are: - Premium

- Basic

- Standard

- DataWarehouse

- Free

Required? true

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

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

-ServiceObjectiveName <System.String>

Specifies the name of the service objective to assign to the Azure SQL Database.

Required? true

Position? named

Default value None

Accept pipeline input? False

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. Uses the storage account key. -

SharedAccessKey. Uses the 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 URI of 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String

OUTPUTS

NOTES

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

---- Example 1: Create an import request for a bacpac file ----

```
New-AzSqlDatabaseImport -ResourceGroupName "RG01" -ServerName "Server01" -DatabaseName "Database01"
-StorageKeyType "StorageAccessKey" -StorageKey "StorageKey01"
    -StorageUri "http://account01.blob.core.contoso.net/bacpacs/database01.bacpac" -AdministratorLogin "User"
-AdministratorLoginPassword $SecureString -Edition Standard
-ServiceObjectiveName S0 -DatabaseMaxSizeBytes 5000000
```

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.contoso.com/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/resource01/pro](https://management.contoso.com/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/resource01/providers/Microsoft.Sql/server)
[viders/Microsoft.Sql/server](https://management.contoso.com/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/resource01/providers/Microsoft.Sql/server)

[s/server01/databases/database01/importExportOperationResults/00000000-00](https://management.contoso.com/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/resource01/providers/Microsoft.Sql/server/server01/databases/database01/importExportOperationResults/00000000-00)

[0-0000-0000-000000000000?api-version=2014-04-01](https://management.contoso.com/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/resource01/providers/Microsoft.Sql/server/server01/databases/database01/importExportOperationResults/00000000-00-0000-0000-000000000000?api-version=2014-04-01)

Status : InProgress

ErrorMessage :

This command creates an import request to import a .bacpac to a new database.

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

```
New-AzSqlDatabaseImport -AdministratorLogin 'User' -AdministratorLoginPassword <SecureString> -AuthenticationType
None -DatabaseMaxSizeBytes 5000000 -DatabaseName
    'Database01' -Edition None -ResourceGroupName 'RG01' -ServerName 'Server01' -ServiceObjectiveName S0
-StorageKey 'StorageKey01' -StorageKeyType StorageAccessKey
-StorageUri 'https://account01.blob.core.contoso.net/bacpacs/database01.bacpac'
```

RELATED LINKS

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

[Get-AzSqlDatabaseImportExportStatus](#)

[New-AzSqlDatabaseExport](#)

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