



Windows PowerShell Get-Help on Cmdlet 'Grant-SqlAvailabilityGroupCreateAnyDatabase'

PS:\>Get-HELP Grant-SqlAvailabilityGroupCreateAnyDatabase -Full

NAME

Grant-SqlAvailabilityGroupCreateAnyDatabase

SYNOPSIS

Grants the `CREATE ANY DATABASE` permission to an Always On Availability Group.

SYNTAX

Grant-SqlAvailabilityGroupCreateAnyDatabase [-InputObject] <AvailabilityGroup[]> [-AccessToken <PSObject>] [-Encrypt {Mandatory | Optional | Strict}]

[-HostNameInCertificate <String>] [-ProgressAction <ActionPreference>] [-Script] [-TrustServerCertificate] [-Confirm] [-WhatIf] [<CommonParameters>]

Grant-SqlAvailabilityGroupCreateAnyDatabase [[-Path] <String[]>] [-AccessToken <PSObject>] [-Encrypt {Mandatory | Optional | Strict}] [-HostNameInCertificate <String>] [-ProgressAction <ActionPreference>] [-Script] [-TrustServerCertificate] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Grants the `CREATE ANY DATABASE` permission to an Always On Availability Group. If automatic seeding is used to seed the secondary replica, you must allow database creation on each replica by calling `Grant-SqlAvailabilityGroupCreateAnyDatabase` cmdlet.

PARAMETERS

`-AccessToken <PSObject>`

The access token used to authenticate to SQL Server, as an alternative to user/password or Windows Authentication.

This can be used, for example, to connect to `SQL Azure DB` and `SQL Azure Managed Instance` using a `Service Principal` or a `Managed Identity`.

The parameter to use can be either a string representing the token or a `PSAccessToken` object as returned by running `Get-AzAccessToken -ResourceUrl https://database.windows.net`.`

> This parameter is new in v22 of the module.

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

`-Encrypt <String>`

The encryption type to use when connecting to SQL Server.

This value maps to the `Encrypt` property `SqlConnectionEncryptOption` on the `SqlConnection` object of the `Microsoft.Data.SqlClient` driver.

In v22 of the module, the default is `Optional` (for compatibility with v21). In v23+ of the module, the default value will be 'Mandatory', which may create a breaking change for existing scripts.

> This parameter is new in v22 of the module.

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

-HostNameInCertificate <String>

The host name to be used in validating the SQL Server TLS/SSL certificate. You must pass this parameter if your SQL Server instance is enabled for Force

Encryption and you want to connect to an instance using hostname/shortname. If this parameter is omitted then passing the Fully Qualified Domain Name (FQDN) to

-ServerInstance is necessary to connect to a SQL Server instance enabled for Force Encryption.

> This parameter is new in v22 of the module.

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

-InputObject <AvailabilityGroup[]>

Specifies the target Availability Group object.

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

-Path <String[]>

Specifies the path to the availability group on which this cmdlet runs the operation. If you do not specify a value for this parameter, the cmdlet uses the current working location.

Required?	false
Position?	1
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-ProgressAction <ActionPreference>

Determines how PowerShell responds to progress updates generated by a script, cmdlet, or provider, such as the progress bars generated by the Write-Progress cmdlet. The Write-Progress cmdlet creates progress bars that show a command's status.

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

-Script [<SwitchParameter>]

Indicates that this cmdlet returns a Transact-SQL script that performs the task that this cmdlet performs.

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

-TrustServerCertificate [<SwitchParameter>]

Indicates whether the channel will be encrypted while bypassing walking the certificate chain to validate trust.

In v22 of the module, the default is ``$true`` (for compatibility with v21). In v23+ of the module, the default value will be `'$false'`, which may create a breaking change for existing scripts.

> This parameter is new in v22 of the module.

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

`-Confirm [<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 [<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.SqlServer.Management.Smo.AvailabilityGroup[]

OUTPUTS

NOTES

---- Example 1: How to grant create any database permission ----

```
PS C:\> Grant-SqlAvailabilityGroupCreateAnyDatabase -Path  
SQLSERVER:\SQL\MYSERVER\MYINSTANCE\AvailabilityGroupS\AG1
```

This example shows how to use the cmdlet to grant create any database permission to the Availability Group 'AG1' on SQL Server 'MYSERVER' (instance name 'MYINSTANCE').

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/sqlserver/grant-sqlavailabilitygroupcreateanydatabase>