



Windows PowerShell Get-Help on Cmdlet 'Set-SqlAvailabilityReplicaRoleToSecondary'

PS:\>Get-HELP Set-SqlAvailabilityReplicaRoleToSecondary -Full

NAME

Set-SqlAvailabilityReplicaRoleToSecondary

SYNOPSIS

Sets the Availability Group replica role to secondary.

SYNTAX

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

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

Set-SqlAvailabilityReplicaRoleToSecondary [[-Path] <String[]>] [-AccessToken <PSObject>] [-Encrypt {Mandatory | Optional | Strict}] [-HostNameInCertificate <String>]

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

DESCRIPTION

On the SQL Server that hosts the primary replica for the primary availability group, sets the replica role to secondary.

`SECONDARY`.

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 availability group, as an AvailabilityGroup object, that this cmdlet modifies.

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

-Path <String[]>

Specifies the path of the Availability Group to which the replica belongs. If you do not specify this parameter, this

cmdlet uses 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: Shows how to set an availability group primary replica to SECONDARY role

```
PS C:\> CD 'SQLSERVER:\SQL\MYSERVER\MYINSTANCE\AvailabilityGroups\AG1'
```

```
PS SQLSERVER:\SQL\MYSERVER\MYINSTANCE\AvailabilityGroups\AG1> Set-SqlAvailabilityReplicaRoleToSecondary
```

This examples show how to set the primary replica of availability group `AG1` on server `MYSERVER` (instance = `MYINSTANCE`) to `SECONDARY` role. The name of the availability is inferred from the context, i.e. the current location.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/sqlserver/set-sqlavailabilityrepicaroletosecondary>