



Windows PowerShell Get-Help on Cmdlet 'Remove-SqlAvailabilityReplica'

PS:\>Get-HELP Remove-SqlAvailabilityReplica -Full

NAME

Remove-SqlAvailabilityReplica

SYNOPSIS

Removes a secondary availability replica.

SYNTAX

```
Remove-SqlAvailabilityReplica [-InputObject] <AvailabilityReplica[]> [-AccessToken <PSObject>] [-Encrypt {Mandatory |
Optional | Strict}] [-HostNameInCertificate
    <String>] [-ProgressAction <ActionPreference>] [-Script] [-TrustServerCertificate] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

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

DESCRIPTION

The Remove-SqlAvailabilityReplica cmdlet removes the secondary replica that is specified by the InputObject or Path

parameters. This cmdlet must be executed at the server instance that hosts the primary replica.

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 <AvailabilityReplica[]>

Specifies the AvailabilityReplica object for the replica to remove.

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

-Path <String[]>

Specifies the path to the availability replica. This parameter is required.

Required?	true
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 command returns a Transact-SQL script that performs the task.

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.AvailabilityReplica[]

Specifies the availability replica to remove.

OUTPUTS

NOTES

----- Example 1: Remove an availability replica -----

```
PS          C:\>          Remove-SqlAvailabilityReplica          -Path
"SQLSERVER:\SQL\PrimaryServer\InstanceName\AvailabilityGroups\MainAg\AvailabilityReplicas\MainReplica"
```

This command removes the availability replica named `MainReplica` from the availability group named `MainAg`. This command must be run on the server instance that hosts the primary replica of the availability group.

Example 2: Generate a TransactSQL script that removes an availability replica

```
PS          C:\>          Remove-SqlAvailabilityReplica          -Path
"SQLSERVER:\SQL\PrimaryServer\InstanceName\AvailabilityGroups\MainAg\AvailabilityReplicas\MainReplica" -Script
```

This command outputs the Transact-SQL script that removes the availability replica named `MainReplica` from the availability group named `MainAg`. This command does not remove the replica.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/sqlserver/remove-sqlavailabilityreplica>

New-SqlAvailabilityReplica

Set-SqlAvailabilityReplica

Test-SqlAvailabilityReplica