



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

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

NAME

Remove-SqlAvailabilityGroup

SYNOPSIS

Removes an availability group.

SYNTAX

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

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

DESCRIPTION

The Remove-SqlAvailabilityGroup cmdlet removes an availability group in Always On Availability Groups. You can run

this cmdlet on any instance of SQL Server that has

Always On Availability Groups enabled on a Windows Server Failover Cluster (WSFC) node that has security credentials for the availability group.

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 availability group that this cmdlet removes.

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 that this cmdlet removes.

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 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

INPUTS

Microsoft.SqlServer.Management.Smo.AvailabilityGroup[]

OUTPUTS

NOTES

----- Example 1: Remove an availability group -----

```
PS C:\> Remove-SqlAvailabilityGroup -Path "SQLSERVER:\Sql\Server\InstanceName\AvailabilityGroups\MainAG"
```

This command removes the availability group named `MainAG`. You can run this command on any server instance that hosts an availability replica for the availability group.

----- Example 2: Remove all availability groups -----

```
PS C:\> Get-ChildItem "SQLSERVER:\Sql\Server\InstanceName\AvailabilityGroups" | Remove-SqlAvailabilityGroup
```

This command gets all availability groups that have availability replicas in the specified location in the SQLSERVER: provider. The command passes them to the current cmdlet by using the pipeline operator. That cmdlet deletes each availability group.

-- Example 3: Create a script to remove an availability group --

```
PS C:\> Remove-SqlAvailabilityGroup -Path "SQLSERVER:\Sql\Server\InstanceName\AvailabilityGroups\MainAG" -Script
```

This command creates a Transact-SQL script that removes the availability group named MainAG. The command does

not perform this action.

RELATED LINKS

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

[Join-SqlAvailabilityGroup](#)

[New-SqlAvailabilityGroup](#)

[Set-SqlAvailabilityGroup](#)

[Switch-SqlAvailabilityGroup](#)

[Test-SqlAvailabilityGroup](#)