



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

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

NAME

Set-SqlAvailabilityGroupListener

SYNOPSIS

Sets the port setting on an availability group listener.

SYNTAX

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

[-HostNameInCertificate <String>] [-Port <Int32>] [-ProgressAction <ActionPreference>] [-Script] [-TrustServerCertificate] [-Confirm] [-WhatIf] [<CommonParameters>]

Set-SqlAvailabilityGroupListener [[-Path] <String>] [-AccessToken <PSObject>] [-Encrypt {Mandatory | Optional | Strict}] [-HostNameInCertificate <String>] [-Port <Int32>] [-ProgressAction <ActionPreference>] [-Script] [-TrustServerCertificate] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-SqlAvailabilityGroupListener cmdlet modifies the port setting on an existing availability group listener. Run this cmdlet on 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 <AvailabilityGroupListener>

Specifies the listener, as an AvailabilityGroupListener 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 listener that this cmdlet modifies. 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

-Port <Int32>

Specifies the port on which the listener listens for connections. The default port is TCP port 1433.

Required?	false
Position?	named
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.SqlServer.Management.Smo.AvailabilityGroupListener

OUTPUTS

NOTES

---- Example 1: Modify a listener for an availability group ----

```
PS C:\> Set-SqlAvailabilityGroupListener -Port 1535 -Path "SQLSERVER:\Sql\PrimaryServer\InstanceName\AvailabilityGroups\MainAG\AvailabilityGroupListeners\MainListener"
```

This command sets the port number for the availability group listener named `MainListener` to be `1535`. This port is used to listen for connections to the listener.

----- Example 2: Create a script that modifies a listener -----

```
PS C:\> Set-SqlAvailabilityGroupListener -Port 1535 -Script -Path
```

```
"SQLSERVER:\Sql\PrimaryServer\InstanceName\AvailabilityGroups\MainAG\AvailabilityGroupListeners\MainListener"
```

This command generates the Transact-SQL script that sets the port number for the availability group listener named `MainListener` to `1535`. This command does not make that change.

RELATED LINKS

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

Add-SqlAvailabilityGroupListenerStaticIp

New-SqlAvailabilityGroupListener