



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

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

NAME

Set-SqlHADREndpoint

SYNOPSIS

Sets the properties of a database mirroring endpoint.

SYNTAX

```
Set-SqlHADREndpoint [-InputObject] <Endpoint> [-AccessToken <PSObject>] [-AuthenticationOrder {Ntlm | Kerberos |
Negotiate | Certificate | NtlmCertificate |
KerberosCertificate | NegotiateCertificate | CertificateNtlm | CertificateKerberos | CertificateNegotiate}] [-Certificate
<String>] [-Encrypt {Mandatory | Optional |
Strict}] [-Encryption {Disabled | Supported | Required}] [-EncryptionAlgorithm {None | RC4 | Aes | AesRC4 | RC4Aes}]
[-HostNameInCertificate <String>] [-IpAddress
<IPAddress>] [-Owner <String>] [-Port <Int32>] [-ProgressAction <ActionPreference>] [-Script] [-State {Started | Stopped |
Disabled}] [-TrustServerCertificate]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Set-SqlHADREndpoint [[-Path] <String>] [-AccessToken <PSObject>] [-AuthenticationOrder {Ntlm | Kerberos | Negotiate |
Certificate | NtlmCertificate |
```

KerberosCertificate | NegotiateCertificate | CertificateNtlm | CertificateKerberos | CertificateNegotiate}} [-Certificate
 <String>] [-Encrypt {Mandatory | Optional |
 Strict}] [-Encryption {Disabled | Supported | Required}] [-EncryptionAlgorithm {None | RC4 | Aes | AesRC4 | RC4Aes}]
 [-HostNameInCertificate <String>] [-IpAddress
 <IPAddress>] [-Owner <String>] [-Port <Int32>] [-ProgressAction <ActionPreference>] [-Script] [-State {Started | Stopped |
 Disabled}] [-TrustServerCertificate]
 [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-SqlHADREndpoint cmdlet changes the properties of a database mirroring endpoint.

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 -ResourceUri

`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

-AuthenticationOrder <EndpointAuthenticationOrder>

Specifies the order and type of authentication that is used by the endpoint. If the specified option calls for a certificate, the Certificate parameter must be set unless a certificate is already associated with the endpoint.

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

-Certificate <String>

Specifies the name of the certificate the endpoint will use to authenticate connections. The far endpoint must have a certificate with the public key matching the private key of the specified certificate.

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

-Encryption <EndpointEncryption>

Specifies the endpoint encryption setting.

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

-EncryptionAlgorithm <EndpointEncryptionAlgorithm>

Specifies the form of encryption used by the endpoint.

NOTE: The RC4 algorithm is only supported for backward compatibility. New material can only be encrypted using `RC4` or `RC4_128` when the database is in compatibility level `90` or `100`, but this is not recommended. For improved security, use a newer algorithm such as one of the `AES` algorithms instead.

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 <Endpoint>

Specifies the endpoint that to modify. This must be a database mirroring endpoint.

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

-IpAddress <IPAddress>

Specifies the IP address on which the endpoint will listen.

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

-Owner <String>

Specifies the owner of the endpoint.

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

-Path <String>

Specifies the path to the database mirroring endpoint. If not specified, the current working location is used.

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

-Port <Int32>

Specifies the TCP port number used by the endpoint to listen for connections.

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 outputs a Transact-SQL script that performs the task.

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

-State <EndpointState>

Specifies the state of the endpoint.

Required?	false
Position?	named
Default value	None
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.Endpoint

OUTPUTS

SMO.Endpoint

NOTES

Example 1: Set the port number of a database mirroring endpoint

```
PS C:\> Set-SqlHADREndpoint -Path "SQLSERVER:\Sql\Computer\Instance\Endpoints\MainDbmEndpoint" -Port 5050
```

This command sets the port number of the database mirroring endpoint named `MainDbmEndpoint` to `5050` on the server instance named `Computer\Instance`.

----- Example 2: Start a database mirroring endpoint -----

```
PS C:\> Set-SqlHADREndpoint -Path "SQLSERVER:\Sql\Computer\Instance\Endpoints\MainDbmEndpoint" -State  
Started
```

This command starts the database mirroring endpoint named `MainDbmEndpoint` on the server instance `Computer\Instance`.

RELATED LINKS

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

New-SqlHADREndpoint