



Windows PowerShell Get-Help on Cmdlet 'Get-SqlLogin'

PS:\>Get-HELP Get-SqlLogin -Full

NAME

Get-SqlLogin

SYNOPSIS

Returns Login objects in an instance of SQL Server.

SYNTAX

Get-SqlLogin [[-ServerInstance] <String[]>] [-AccessToken <PSObject>] [-ConnectionTimeout <Int32>] [-Credential <PSCredential>] [-Disabled] [-Encrypt {Mandatory |

Optional | Strict}} [-HasAccess] [-HostNameInCertificate <String>] [-Locked] [-LoginName <String>] [-LoginType {WindowsUser | WindowsGroup | SqlLogin | Certificate |

AsymmetricKey | ExternalUser | ExternalGroup}} [-PasswordExpired] [-ProgressAction <ActionPreference>] [-Regex] [-TrustServerCertificate] [-Wildcard]

[<CommonParameters>]

Get-SqlLogin [[-InputObject] <Server>] [-AccessToken <PSObject>] [-Disabled] [-Encrypt {Mandatory | Optional | Strict}} [-HasAccess] [-HostNameInCertificate <String>]

[-Locked] [-LoginName <String>] [-LoginType {WindowsUser | WindowsGroup | SqlLogin | Certificate | AsymmetricKey | ExternalUser | ExternalGroup}} [-PasswordExpired]

`[-ProgressAction <ActionPreference>] [-Regex] [-TrustServerCertificate] [-Wildcard] [<CommonParameters>]`

`Get-SqlLogin [[-Path] <String>] [-AccessToken <PSObject>] [-Disabled] [-Encrypt {Mandatory | Optional | Strict}]`
`[-HasAccess] [-HostNameInCertificate <String>]`
`[-Locked] [-LoginName <String>] [-LoginType {WindowsUser | WindowsGroup | SqlLogin | Certificate | AsymmetricKey |`
`ExternalUser | ExternalGroup}] [-PasswordExpired]`
`[-ProgressAction <ActionPreference>] [-Regex] [-TrustServerCertificate] [-Wildcard] [<CommonParameters>]`

DESCRIPTION

The `Get-SqlLogin` cmdlet returns Login objects in an instance of SQL Server. If you specify the name of the Login object, the cmdlet removes that specific object.

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

-ConnectionTimeout <Int32>

Specifies the number of seconds to wait for a server connection before a time-out failure. The time-out value must be an integer between 0 and 65534. If 0 is specified, connection attempts do not time out.

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

-Credential <PSCredential>

Specifies a PSCredential object for the connection to SQL Server. To obtain a credential object, use the Get-Credential cmdlet. For more information, type `Get-Help Get-Credential`.

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

-Disabled [<SwitchParameter>]

Indicates that this cmdlet gets only disabled Login objects.

Required?	false
Position?	named
Default value	False
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

-HasAccess [<SwitchParameter>]

Indicates that this cmdlet gets only Login objects that have access to the instance of SQL Server.

Required?	false
Position?	named
Default value	False
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 <Server>

Specifies a SQL Server Management Objects (SMO) object the SQL Server for which this cmdlet gets Login objects.

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

-Locked [<SwitchParameter>]

Indicates that this cmdlet gets only locked Login objects.

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

-LoginName <String>

Specifies an array of names of Login objects that this cmdlet gets. The case sensitivity is the same as that of the instance of SQL Server.

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

Accept wildcard characters? false

-LoginType <LoginType>

Specifies the type of the Login objects that this cmdlet gets.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PasswordExpired [<SwitchParameter>]

Indicates that this cmdlet gets only Login objects that have expired passwords.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Path <String>

Specifies the path of the SQL Server on which this cmdlet runs the operation. The default value is the current working directory.

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

-RegEx [<SwitchParameter>]

Indicates that this cmdlet treats the value of the LoginName parameter as a regular expression.

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

-ServerInstance <String[]>

Specifies the name of an instance of SQL Server. For the default instance, specify the computer name. For named instances, use the format

ComputerName\InstanceName.

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

-Wildcard [<SwitchParameter>]

Indicates that this cmdlet interprets wildcard characters in the value of the LoginName parameter.

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.Server

System.String[]

OUTPUTS

NOTES

----- Example 1: Get all Login objects for an instance -----

```
PS C:\> Get-SqlLogin -ServerInstance "MyServerInstance"
```

Name	Login Type	Created
----	-----	-----
##MS_PolicyEventProcessingLogin##	SqlLogin	4/30/2016 12:46 AM
##MS_PolicyTsqlExecutionLogin##	SqlLogin	4/30/2016 12:46 AM
NT AUTHORITY\SYSTEM	WindowsUser	6/16/2016 10:29 AM
NT Service\MSSQLSERVER	WindowsUser	6/16/2016 10:29 AM
NT SERVICE\SQLSERVERAGENT	WindowsUser	6/16/2016 10:29 AM
NT SERVICE\SQLTELEMETRY	WindowsUser	6/16/2016 10:29 AM
NT SERVICE\SQLWriter	WindowsUser	6/16/2016 10:29 AM
NT SERVICE\Winmgmt	WindowsUser	6/16/2016 10:29 AM
sa	SqlLogin	4/8/2003 9:10 AM

This command returns all Login objects in the instance of SQL Server named MyServerInstance.

- Example 2: Get Login objects that match a regular expression -

```
PS C:\> Get-SqlLogin -ServerInstance "MyServerInstance" -LoginName "\bNT.*" -Regex
```

Name	Login Type	Created
----	-----	-----
NT AUTHORITY\SYSTEM	WindowsUser	6/16/2016 10:29 AM
NT Service\MSSQLSERVER	WindowsUser	6/16/2016 10:29 AM
NT SERVICE\SQLSERVERAGENT	WindowsUser	6/16/2016 10:29 AM

NT SERVICE\SQLTELEMETRY	WindowsUser	6/16/2016 10:29 AM
NT SERVICE\SQLWriter	WindowsUser	6/16/2016 10:29 AM
NT SERVICE\Winmgmt	WindowsUser	6/16/2016 10:29 AM

This command returns Login objects that have names that match the regular expression "\bNT.*" in the instance of SQL Server named 'MyServerInstance'.

----- Example 3: Get Login objects of a type -----

```
PS C:\> Get-SqlLogin -ServerInstance "MyServerInstance" -LoginType SqlLogin
```

Name	Login Type	Created
----	-----	-----
##MS_PolicyEventProcessingLogin##	SqlLogin	4/30/2016 12:46 AM
##MS_PolicyTsqlExecutionLogin##	SqlLogin	4/30/2016 12:46 AM
sa	SqlLogin	4/8/2003 9:10 AM

This command returns Login objects that are of type SqlLogin in the instance of SQL Server named 'MyServerInstance'.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/sqlserver/get-sqllogin>

Add-SqlLogin

Remove-SqlLogin