



Windows PowerShell Get-Help on Cmdlet 'New-AzSqlSyncMember'

PS:\>Get-HELP New-AzSqlSyncMember -Full

NAME

New-AzSqlSyncMember

SYNOPSIS

Creates an Azure SQL Database Sync Member.

SYNTAX

```
New-AzSqlSyncMember [-ResourceGroupName] <System.String> [-ServerName] <System.String> [-DatabaseName]
<System.String> [-SyncGroupName] <System.String>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-MemberDatabaseCredential
<System.Management.Automation.PSCredential> -MemberDatabaseName <System.String> -MemberDatabaseType
{SqlServerDatabase | AzureSqlDatabase} -MemberServerName
<System.String> -Name <System.String> [-SyncDirection {Bidirectional | OneWayMemberToHub |
OneWayHubToMember}] [-SyncMemberAzureDatabaseResourceId <System.String>]
[-UsePrivateLinkConnection] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
New-AzSqlSyncMember [-ResourceGroupName] <System.String> [-ServerName] <System.String> [-DatabaseName]
<System.String> [-SyncGroupName] <System.String>
```

```

[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-MemberDatabaseType {SqlServerDatabase | AzureSqlDatabase}
    -Name <System.String> -SqlServerDatabaseId <System.String> -SyncAgentName <System.String>
-SyncAgentResourceGroupName <System.String> -SyncAgentServerName
    <System.String> [-SyncDirection {Bidirectional | OneWayMemberToHub | OneWayHubToMember}]
[-SyncMemberAzureDatabaseResourceId <System.String>]
[-UsePrivateLinkConnection] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

New-AzSqlSyncMember [-ResourceGroupName] <System.String> [-ServerName] <System.String> [-DatabaseName]
<System.String> [-SyncGroupName] <System.String>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-MemberDatabaseType {SqlServerDatabase | AzureSqlDatabase}
    -Name <System.String> -SqlServerDatabaseId <System.String> -SyncAgentResourceId <System.String>
[-SyncDirection {Bidirectional | OneWayMemberToHub |
    OneWayHubToMember}] [-SyncMemberAzureDatabaseResourceId <System.String>] [-UsePrivateLinkConnection]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The New-AzSqlSyncMember cmdlet creates an Azure SQL Database Sync Member.

PARAMETERS

-DatabaseName <System.String>

The name of the Azure SQL Database.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

The credentials, account, tenant, and subscription used for communication with azure

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

-MemberDatabaseCredential <System.Management.Automation.PSCredential>

The credential (username and password) of the Azure SQL Database.

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

-MemberDatabaseName <System.String>

The Azure SQL Database name of the member database.

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

-MemberDatabaseType <System.String>

The database type of the member database.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-MemberServerName <System.String>

The Azure SQL Server Name of the member database.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

The sync member name.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

The name of the resource group.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

The name of the Azure SQL Server.

Required? true

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

-SqlServerDatabaseId <System.String>

The id of the SQL server database which is connected by the sync agent.

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

-SyncAgentName <System.String>

The name of the sync agent.

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

-SyncAgentResourceGroupName <System.String>

The name of the resource group where the sync agent is under.

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

-SyncAgentResourceID <System.String>

The resource ID of the sync agent.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SyncAgentServerName <System.String>

The name of the Azure SQL Server where the sync agent is under.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SyncDirection <System.String>

The sync direction of this sync member.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SyncGroupName <System.String>

The sync group name.

Required? true

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SyncMemberAzureDatabaseResourceId <System.String>

The resource ID for the sync member database, used if UsePrivateLinkConnection is set to true.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-UsePrivateLinkConnection <System.Management.Automation.SwitchParameter>

Use a private link connection when connecting to this sync member.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Confirm <System.Management.Automation.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 <System.Management.Automation.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

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.DataSync.Model.AzureSqlSyncMemberModel

NOTES

-- Example 1: Create a sync member for an Azure SQL database. --

\$credential = Get-Credential

New-AzSqlSyncMember -ResourceGroupName "ResourceGroup01" -ServerName "Server01" -DatabaseName "Database01" -SyncGroupName "SyncGroup01" -Name "SyncMember01" -SyncDirection "OneWayMemberToHub" -MemberDatabaseType "AzureSqlDatabase" -MemberServerName "memberServer01.full.dns.name"

-MemberDatabaseName "memberDatabase01" -MemberDatabaseCredential \$credential |

Format-List

ResourceId :

subscriptions/{subscriptionId}/resourceGroups/{ResourceGroup01}/servers/{Server01}/databases/{Database01}/syncGroups
/{SyncGroup01}/syncMembers/{SyncMember01}

ResourceGroupName : ResourceGroup01

ServerName : Server01

DatabaseName : Database01

SyncGroupName : SyncGroup01

SyncMemberName : SyncMember01

SyncDirection : OneWayMemberToHub

MemberDatabaseType: : AzureSqlDatabase

SyncAgentId :

SqlServerDatabaseId :

MemberServerName : memberServer01.full.dns.name

MemberDatabaseName : memberDatabase01

MemberDatabaseUserName : myAccount

MemberDatabasePassword :

SyncState : UnProvisioned

This command creates a sync member for an Azure SQL database.

Example 2: Create a sync member for an on-premises SQL Server database

\$credential = Get-Credential

New-AzSqlSyncMember -ResourceGroupName "ResourceGroup01" -ServerName "Server01" -DatabaseName
"Database01" -SyncGroupName "SyncGroup01" -Name "SyncMember01"

-SyncDirection "OneWayMemberToHub" `

-MemberDatabaseType "SqlServerDatabase" -SqlServerDatabaseId "dbId" -syncAgentResourceGroupName
"syncAgentResourceGroupName" -syncAgentServerName

"syncAgentServerName" `

-syncAgentDatabaseName "syncAgentDatabaseName" -syncAgentName "agentName" | Format-List

ResourceId :

/subscriptions/{subscriptionId}/resourceGroups/{ResourceGroup01}/servers/{Server01}/databases/{Database01}/syncGroups/{SyncGroup01}/syncMembers/{SyncMember01}

ResourceGroupName : ResourceGroup01

ServerName : Server01

DatabaseName : Database01

SyncGroupName : SyncGroup01

SyncMemberName : SyncMember01

SyncDirection : OneWayMemberToHub

MemberDatabaseType: : AzureSqlDatabase

SyncAgentId :

/subscriptions/{subscriptionId}/resourceGroups/{syncAgentResourceGroupName}/servers/{syncAgentServerName}/syncAgents/{syncAgentId}

SqlServerDatabaseId : dbId

MemberServerName :

MemberDatabaseName :

MemberDatabaseUserName : myAccount

MemberDatabasePassword :

SyncState : UnProvisioned

This command creates a sync member for an on-premises SQL database.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.sql/new-azsqlsyncmember>

Get-AzSqlSyncMember

Update-AzSqlSyncMember

Remove-AzSqlSyncMember

