



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

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

NAME

New-AzSqlSyncGroup

SYNOPSIS

Creates an Azure SQL Database Sync Group.

SYNTAX

```
New-AzSqlSyncGroup [-ResourceGroupName] <System.String> [-ServerName] <System.String> [-DatabaseName]
<System.String> [-Name] <System.String>
                    [-ConflictResolutionPolicy {HubWin | MemberWin}] [-DatabaseCredential
<System.Management.Automation.PSCredential>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IntervalInSeconds
<System.Int32>] [-SchemaFile <System.String>]
                    -SyncDatabaseName <System.String> -SyncDatabaseResourceGroupName <System.String>
-SyncDatabaseServerName <System.String> [-UsePrivateLinkConnection] [-Confirm]
[-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The New-AzSqlSyncGroup cmdlet creates an Azure SQL Database Sync Group.

PARAMETERS

-ConflictResolutionPolicy <System.String>

The policy of resolving conflicts between hub and member database in the sync group.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DatabaseCredential <System.Management.Automation.PSCredential>

The SQL authentication credential of the hub database.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

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

-IntervalInSeconds <System.Int32>

The frequency (in seconds) of doing data synchronization. Default is -1, which means the auto synchronization is not enabled.

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

-Name <System.String>

The sync group name.

Required?	true
Position?	3
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

-SchemaFile <System.String>

The path of the schema file.

Required? false

Position? named

Default value None

Accept pipeline input? False

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

-SyncDatabaseName <System.String>

The database used to store sync related metadata.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SyncDatabaseResourceGroupName <System.String>

The resource group the sync metadata database belongs to.

Required? true

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

-SyncDatabaseServerName <System.String>

The server on which the sync metadata database is hosted.

Required? true
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 the hub of this sync group.

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.AzureSqlSyncGroupModel

NOTES

-- Example 1: Create a sync group for an Azure SQL Database. --

\$credential = Get-Credential

New-AzSqlSyncGroup -ResourceGroupName "ResourceGroup01" -ServerName "Server01" -DatabaseName "Database01" -Credential \$credential

```
"Database01" -Name "SyncGroup01" -ConflictResolutionPolicy "HubWin" `
    -DatabaseCredential $credential -IntervalInSeconds 100 -SyncDatabaseServerName "syncDatabaseServer01"
-SyncDatabaseName "syncDatabaseName01" `
    -SyncDatabaseResourceGroupName "syncDatabaseResourceGroup01" -Schema ".\schema.json" | Format-List
```

```
ResourceId
:
/subscriptions/{subscriptionId}/resourceGroups/{ResourceGroup01}/servers/{Server01}/databases/{Database01}/syncGroups/{SyncGroup01}

ResourceGroupName      : ResourceGroup01
ServerName              : Server01
DatabaseName            : Database01
SyncGroupName           : SyncGroup01

SyncDatabaseId
:
subscriptions/{subscriptionId}/resourceGroups/{syncDatabaseResourceGroup01}/servers/{syncDatabaseServer01}/databases/{syncDatabaseName01}

IntervalInSeconds      : 100
ConflictResolutionPolicy: HubWin
HubDatabaseUserName     : myAccount
HubDatabasePassword    :
SyncState               : NotReady
LastSyncTime           : 1/1/0001 12:00:00 AM
Schema                  :
```

This command creates a sync group for an Azure SQL Database. "schema.json" is a file in the local disk. It contains the schema payload in json format. An example of

```
the schema json is: {"Tables": [{"Columns": [{"QuotedName":
"b3ee3a7f-7614-4644-ad07-afa832620b4bManualTestsm4column1"}, {"QuotedName":
"b3ee3a7f-7614-4644-ad07-afa832620b4bManualTestsm4column2"}], "QuotedName": "MayQuotedTable1"},
{"Columns": [{"QuotedName":
"b3ee3a7f-7614-4644-ad07-afa832620b4bManualTestsm4column1"}, {"QuotedName":
"b3ee3a7f-7614-4644-ad07-afa832620b4bManualTestsm4column2"}], "QuotedName":
"MayQuotedTable2"}], "MasterSyncMemberName": null }
```

RELATED LINKS

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

[Update-AzSqlSyncGroup](#)

[Remove-AzSqlSyncGroup](#)

[Get-AzSqlSyncGroup](#)