

Data Sync - PowerShell example

Last updated by | Keith Elmore | Apr 5, 2021 at 7:57 AM PDT

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We have a good example using PowerShell cmdlets at:

Use PowerShell to sync between multiple Azure SQL databases

<https://docs.microsoft.com/en-us/azure/sql-database/scripts/sql-database-sync-data-between-sql-databases> 

Use PowerShell to sync between an Azure SQL Database and a SQL Server on-premises database

<https://docs.microsoft.com/en-us/azure/sql-database/scripts/sql-database-sync-data-between-azure-onprem>



Example for triggering a sync and retrieving the result from the Sync Group Log

(Note the use of setting CurrentThread.CurrentCulture to circumvent a defect [in](#) Get-AzureRmSqlSyncGroupLog)

Sign in to Azure.

Login-AzureRmAccount

Get-AzureRmSubscription

If you have multiple subscriptions, uncomment and set to the subscription you want to work with.

\$subscriptionId = "aaaaaaa-bbbb-xxxx-yyyy-zzzzzzzzzzzz"

Set-AzureRmContext -SubscriptionId \$subscriptionId

using namespace Microsoft.Azure.Commands.Sql.DataSync.Model

using namespace System.Collections.Generic

\$ResourceGroupName = "name-of-resource-group"

\$ServerName = "your-Azure-SQL-server-name"

\$DatabaseName = "HubDatabase"

\$SyncGroupName = "sync-group-name"

Write-Host "Trigger sync manually"

\$SyncLogStartTime = [System.DateTime]::UtcNow

Start-AzureRmSqlSyncGroupSync -ResourceGroupName \$ResourceGroupName -ServerName \$ServerName -DatabaseName \$Da

Start-Sleep -s 10

\$SyncLogEndTime = [System.DateTime]::UtcNow

Write-Output "StartTime: " \$SyncLogStartTime

Write-Output "EndTime: " \$SyncLogEndTime

[System.Threading.Thread]::CurrentThread.CurrentCulture = [System.Globalization.CultureInfo]::CreateSpecificCu

Write-Output \$SyncLogList

How good have you found this content?

