

## SQL-Config part:

```
AsSql          = @{
    Use          = $true
    SqlServer    = 'MyDBServerName'
    SqlDatabase  = 'SLM-Test'
    SqlTable     = 'dbo.[Events]'
    # Left side is data in PSWinReporting. Right Side is ColumnName in SQL
    # Changing makes sense only for right side...
    SqlTableCreate = $true
    SqlTableAlterIfNeeded = $false # if table mapping is defined doesn't do anything
    SqlCheckBeforeInsert = 'EventRecordID', 'DomainController' # Based on column name
    SqlTableMapping = [ordered] @{
        'Event ID'      = 'EventID,[int]'
        'Who'           = 'EventWho'
        'When'          = 'EventWhen,[datetime]'
        'Record ID'     = 'EventRecordID,[bigint]'
        'Domain Controller' = 'DomainController'
        'Action'        = 'Action'
        'Group Name'    = 'GroupName'
        'User Affected' = 'UserAffected'
        'Member Name'   = 'MemberName'
        'Computer Lockout On' = 'ComputerLockoutOn'
        'Reported By'   = 'ReportedBy'
        'SamAccountName' = 'SamAccountName'
        'Display Name'  = 'DisplayName'
        'UserPrincipalName' = 'UserPrincipalName'
        'Home Directory' = 'HomeDirectory'
        'Home Path'     = 'HomePath'
        'Script Path'   = 'ScriptPath'
        'Profile Path'  = 'ProfilePath'
        'User Workstation' = 'UserWorkstation'
    }
}
```

```

'Password Last Set' = 'PasswordLastSet,[datetime]'
'Account Expires' = 'AccountExpires,[datetime]'
'Primary Group Id' = 'PrimaryGroupId'
'Allowed To Delegate To' = 'AllowedToDelegateTo'
'Old Uac Value' = 'OldUacValue'
'New Uac Value' = 'NewUacValue'
'User Account Control' = 'UserAccountControl'
'User Parameters' = 'UserParameters'
'Sid History' = 'SidHistory'
'Logon Hours' = 'LogonHours'
'OperationType' = 'OperationType'
'Message' = 'Message'
'Backup Path' = 'BackupPath'
'Log Type' = 'LogType'
'AddedWhen' = 'EventAdded,[datetime],null' # ColumnsToTrack when it was added to database and by who / not part of event
'AddedWho' = 'EventAddedWho' # ColumnsToTrack when it was added to database and by who / not part of event
'Gathered From' = 'GatheredFrom'
'Gathered LogName' = 'GatheredLogName'
}

```

## **Error without “SqlTableCreate”:**

*[2019-03-18 13:17:42][i] Sending User Changes to SQL at Global level*

*WARNING: [13:17:42][Invoke-DbqQuery] [MyDBServerName] Failed during execution | Incorrect syntax near '-!.*

*[2019-03-18 13:17:42][i] MS SQL Output: Error occured: SQL Table doesn't exists. SqlTableCreate option is disabled*

## Error with “SqlTableCreate”:

[2019-03-18 13:27:52][i] Sending User Changes to SQL at Global level

WARNING: [13:27:52][Invoke-DbqQuery] [MyDBServerName] Failed during execution | Incorrect syntax near '-'.

WARNING: [13:27:52][Invoke-DbqQuery] [MyDBServerName] Failed during execution | There is already an object named 'Events' in the database.

[2019-03-18 13:27:52][i] MS SQL Output: CREATE TABLE dbo.[Events] ( ID int IDENTITY(1,1) PRIMARY KEY, [EventID] [int] NULL,[EventWho] [nvarchar](max) NULL,[EventWhen] [datetime] NULL,[EventRecordID] [bigint] NULL,[DomainController] [nvarchar](max) NULL,[Action] [nvarchar](max) NULL,[GroupName] [nvarchar](max) NULL,[UserAffected] [nvarchar](max) NULL,[MemberName] [nvarchar](max) NULL,[ComputerLockoutOn] [nvarchar](max) NULL,[ReportedBy] [nvarchar](max) NULL,[SamAccountName] [nvarchar](max) NULL,[DisplayName] [nvarchar](max) NULL,[UserPrincipalName] [nvarchar](max) NULL,[HomeDirectory] [nvarchar](max) NULL,[HomePath] [nvarchar](max) NULL,[ScriptPath] [nvarchar](max) NULL,[ProfilePath] [nvarchar](max) NULL,[UserWorkstation] [nvarchar](max) NULL,[PasswordLastSet] [datetime] NULL,[AccountExpires] [datetime] NULL,[PrimaryGroupId] [nvarchar](max) NULL,[AllowedToDelegateTo] [nvarchar](max) NULL,[OldUacValue] [nvarchar](max) NULL,[NewUacValue] [nvarchar](max) NULL,[UserAccountControl] [nvarchar](max) NULL,[UserParameters] [nvarchar](max) NULL,[SidHistory] [nvarchar](max) NULL,[LogonHours] [nvarchar](max) NULL,[OperationType] [nvarchar](max) NULL,[Message] [nvarchar](max) NULL,[BackupPath] [nvarchar](max) NULL,[LogType] [nvarchar](max) NULL,[EventAdded] [datetime] null,[EventAddedWho] [nvarchar](max) NULL,[GatheredFrom] [nvarchar](max) NULL,[GatheredLogName] [nvarchar](max) NULL )