How do I disable Strict Mode in MySQL?

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Please follow the instructions given below to turn off the **MySQL Strict Mode**. The latest versions of PHPKB Knowledge Base Management Software does not require MySQL Strict Mode to be turned OFF. It was a requirement for older versions (version 8 or older) of PHPKB software.

1. Disable Strict Mode via my.cnf/my.ini

This method disables it by changing the value of **SQL_MODE** in **my.cnf** file (for Linux) OR **my.ini** file (for windows server) and restarting the MySQL server. **my.cnf file** can be found in one of a few locations (depending on which distribution you're using). The most common locations are **/etc/my.cnf** and **/etc/mysql/my.cnf** .

> 💡 **NOTE:** Make the following changes in the my.ini (for Windows Operating System) or my.cnf (for Linux Operating System). Inside that file, look for a heading like [mysqld] and then look for the value of sql_mode. It might look like this (the actual value of sql_mode may vary):

1. Look for the following line:
   sql-mode = "STRICT_TRANS_TABLES,NO_AUTO_CREATE_USER,NO_ENGINE_SUBSTITUTION"
2. You can change the value of sql_mode to NO_ENGINE_SUBSTITUTION to completely disable strict mode, but you may want to look up each mode that is configured before disabling it or you can simply change it to:
   sql-mode="" (i.e. Blank)
   If sql_mode isn't set, you can add it under the [mysqld] heading, then save the file, and restart MySQL.
3. **Restart** the **MySQL Service**.

OR

2. To Disable Strict Mode via SQL

This method allows you to disable the strict mode on your MySQL server by running the following command.

```
1 | $ mysql -u root -p -e "SET GLOBAL sql_mode = 'NO_ENGINE_SUBSTITUTION';"
```

Now, you can verify that the mode is set by running the following:

```
1 | $ mysql -u root -p -e "SELECT @@GLOBAL.sql_mode;"
```

That's all! Full documentation for setting MySQL modes is available on the Server SQL Modes page in the MySQL Documentation. A description of all of the modes is also available on that page.

Custom Fields
Applicable To: Standard Edition, Standard (Multi-Language) Edition, Enterprise Edition (MySQL), Enterprise Multi-Language Edition (MySQL), Enterprise Edition (SQL Server), Enterprise Multi-Language Edition (SQL Server)

Online URL: https://www.phpkb.com/kb/article/how-do-i-disable-strict-mode-in-mysql-163.html

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