

Enabling Encrypted MySQL Connections

To use WHMCS with an encrypted MySQL® connection, you will need to perform additional steps to configure the necessary settings to the `configuration.php` file.

 We added support for encrypted MySQL connections in WHMCS 8.8.

 For steps to configure encrypted MySQL connections on cPanel & WHM servers, see [cPanel's How to Configure MySQL SSL Connections Documentation](#).

 You **cannot** configure this before or during the installation process using the browser-based installation method. Because of this, you **cannot** use the browser-based method if your server **requires** encrypted connections.

Configuration Before Installation (CLI)

To enable encrypted MySQL connections before proceeding with the [CLI-based installation method](#):

1. Open the `configuration.php` file in your preferred text editor.
2. Update the necessary configuration settings, replacing the example values below with your server's information:

```
$db_tls_ca='/path/to/ca/file';  
$db_tls_ca_path='/path/to/ca/directory';  
$db_tls_cert='/path/to/client/cert';  
$db_tls_cipher='AES256-SHA';  
$db_tls_key='/path/to/client/key';  
$db_tls_verify_cert='0';
```

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 The settings that you configure will depend on your server's configuration.

3. Proceed with installation via the command line.

Configuration During Installation (CLI)

To enable encrypted MySQL connections during the [CLI-based installation process](#), use the `-c` or `--config` options while running the command-line installation script.

Include the following lines in your JSON input, replacing the example values below with your server's information:

```
"db_tls_ca": "'/path/to/ca/file'",  
"db_tls_ca_path": "'/path/to/ca/directory'",  
"db_tls_cert": "'/path/to/client/cert'",  
"db_tls_cipher": "'AES256-SHA'",  
"db_tls_key": "'/path/to/client/key'",  
"db_tls_verify_cert": "'0'",
```

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 The settings that you configure will depend on your server's configuration.

Configuration After Installation (CLI or Browser)

To enable encrypted MySQL connections after you have completed installation:

1. Open the `configuration.php` file in your preferred text editor.
2. Update the necessary configuration settings, replacing the example values below with your server's information:

```
$db_tls_ca='/path/to/ca/file';  
$db_tls_ca_path='/path/to/ca/directory';  
$db_tls_cert='/path/to/client/cert';  
$db_tls_cipher='AES256-SHA';  
$db_tls_key='/path/to/client/key';  
$db_tls_verify_cert='0';
```

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 The settings that you configure will depend on your server's configuration.