How To Update the License in Zend Server Manually

If the usual procedure to register a license in Zend Server fails, the instructions below present a method of applying the license manually.

Before You Begin

Depending on whether Zend Server is used as a standalone server, or in a cluster, a different database is used.

As a standalone server, Zend Server uses a set of local SQLite databases (located in */usr/local/zend/var/db* on Linux/OS X and in *<ZS_INSTALL_DIR>\ZendServer\data\db* on Windows). The queries in the below procedure need to be executed on **zsd.db**. On Linux, the 'sqlite3' command line tool can be used. On Windows, an SQLite editing tool such as SQLite Browser is required.

When in a cluster, the queries need to be executed on the backend MySQL database.

Linux and OS X

1. Stop Zend Server using the command `'/usr/local/zend/bin/zendctl.sh stop'` (in case of cluster, do this on all nodes).

2. Open the following file in a text editor:

   Zend Server 2019: */usr/local/zend/etc/ZendGlobalDirectives.ini*

   Zend Server 2018 or earlier: */usr/local/zend/etc/conf.d/ZendGlobalDirectives.ini*

3. Update the following lines:

```
zend.user_name=your Order Number
zend.serial_number=your License Key
```

4. Execute the following queries on the database:

   ### Zend Server 2019:

```
UPDATE ZSD_ZEND_COMMON_DIRECTIVES SET DISK_VALUE='OrderNumber' WHERE NAME='zend.user_name';
UPDATE ZSD_ZEND_COMMON_DIRECTIVES SET DISK_VALUE='LicenseKey' WHERE NAME='zend.serial_number';
```

   ### Zend Server 2018 or earlier:

```
UPDATE ZSD_DIRECTIVES SET DISK_VALUE='OrderNumber' WHERE NAME='zend.user_name';
UPDATE ZSD_DIRECTIVES SET DISK_VALUE='LicenseKey' WHERE NAME='zend.serial_number';
```

   Note: in the above commands, replace 'OrderNumber' and 'LicenseKey' with the actual license details.

5. Start Zend Server using `'/usr/local/zend/bin/zendctl.sh start'` (in case of cluster, do this on all nodes).

Windows

1. Stop Zend Server using **Start | All Programs | Zend Server | Support Tool | Select "Stop" | Click "Next" | Click "Yes"** (in case of cluster, do this on all nodes).

2. Update the license on the file system:

   ### Zend Server 2019:

Open <*ZS_INSTALL_DIR*>*ZendServer**etc**ZendGlobalDirectives.ini* in a file editor and update the following lines:

```
zend.user_name=your Order Number
zend.serial_number=your License Key
```

Zend Server 2018 or earlier:

Open <*ZS_INSTALL_DIR*>*ZendServer**etc**php.ini* in a file editor and update the following lines:

```
zend.user_name=your Order Number
zend.serial_number=your License Key
```

3. Execute the following queries on the database:

Zend Server 2019:

```
UPDATE ZSD_ZEND_COMMON_DIRECTIVES SET DISK_VALUE='OrderNumber' WHERE NAME='zend.user_name';
UPDATE ZSD_ZEND_COMMON_DIRECTIVES SET DISK_VALUE='LicenseKey' WHERE NAME='zend.serial_number';
```

Zend Server 2018 or earlier:

```
UPDATE ZSD_DIRECTIVES SET DISK_VALUE='OrderNumber' WHERE NAME='zend.user_name';
UPDATE ZSD_DIRECTIVES SET DISK_VALUE='LicenseKey' WHERE NAME='zend.serial_number';
```

Note: in the above commands, replace 'OrderNumber' and 'LicenseKey' with the actual license details.

4. Start Zend Server using **Start | All Programs | Zend Server | Support Tool | Select "Start" | Click "Next" | Click "Yes"** (in case of cluster, do this on all nodes).