

## Copying of source code files in the production server

1. Navigate to the parent directory of your Apache Document Root. Let's assume your Document Root is `/var/www/html`.

```
cd /var/www/html
```

2. Create the new folder: Use `mkdir` followed by the name of your new folder.

Bash

```
sudo mkdir mynewfolder
```

3. Copy the source code files in the newly created folder
4. Set correct permissions of the folder

Change ownership: Give ownership of the new folder to the Apache user and group.

```
sudo chown -R www-data:www-data /var/www/html/mynewfolder
```

Set permissions: Grant read and execute permissions for directories, and read for files.

```
sudo chmod -R 755 /var/www/html/mynewfolder
```

5. Edit `wp-config.php`:

- Open the `wp-config.php` file on your new server.
- Update the database connection details to match your new database:

```
define('DB_NAME', 'new_database_name');  
define('DB_USER', 'new_database_user');  
define('DB_PASSWORD', 'new_database_password');  
define('DB_HOST', 'localhost'); // Usually 'localhost', check your host's info
```

## Importing of MySQL Database in the production server

1. Log in to the MySQL database server.

```
$ sudo mysql -u root
```

2. Create a new database for your Laravel project.

```
CREATE DATABASE [database_name];
```

3. Create a new user with a strong password to use with the Laravel application. Replace password with a strong password of your choice.

```
CREATE USER 'user'@'localhost' IDENTIFIED BY 'password';
```

4. Grant the new laravelapp user full privileges to the Laravel database.

```
GRANT ALL PRIVILEGES ON [database_name].* TO 'user'@'localhost';
```

5. Flush the MySQL privileges table to apply the database changes.

```
FLUSH PRIVILEGES;
```

6. Exit the MySQL database console.

```
EXIT;
```

7. Import database backup

```
$ sudo mysql -u root -p your_db_name < [database_backup].sql
```

8. Update Site URLs in Database:

Run this SQL query

```
UPDATE wp_options SET option_value = replace(option_value, 'http://www.oldurl',  
'http://www.newurl') WHERE option_name = 'home' OR option_name = 'siteurl';  
  
UPDATE wp_posts SET guid = replace(guid, 'http://www.oldurl','http://www.newurl');  
  
UPDATE wp_posts SET post_content = replace(post_content, 'http://www.oldurl',  
'http://www.newurl');  
  
UPDATE wp_postmeta SET meta_value =  
replace(meta_value,'http://www.oldurl','http://www.newurl');
```

