

## # Project Deployment Guide - Windows Server

### 1. Prepare Project Locally

- Make sure the project runs properly on local machine.
- Zip the entire project folder.

### 2. Connect to the Windows Server

#### ### Option A: RDP (Remote Desktop Protocol)

1. Open **\*\*Run\*\*** (`Win + R`) and type: mstsc
2. Press Enter.
3. Enter the server's **\*\*IP address\*\***, **\*\*username\*\***, and **\*\*password\*\***.
4. Once logged in, open **\*\*Windows Explorer\*\***.
5. Copy the zipped project file from local machine to the server.
6. Paste it into the desired folder.
7. Right-click the zip file and select **\*\*Extract All\*\***.

#### ### Option B: FTP (FileZilla Client)

1. Install **\*\*FileZilla\*\***.
2. Open FileZilla and enter:
  - **\*\*Host:\*\*** Server IP address
  - **\*\*Username:\*\*** Server username
  - **\*\*Password:\*\*** Server password
  - **\*\*Port:\*\*** 22 (SFTP)
3. Click **\*\*Quickconnect\*\***.
4. Drag and drop the zipped project file to the target folder on the server.
5. If the FTP server supports extraction, extract the file. Otherwise, extract locally and upload the unzipped files.

### 3. Permissions

- Grant **\*\*read/write permissions\*\*** to the following folders:
  - storage

- bootstrap/cache
- uploads
- public

#### 4. Database Setup

- Export the database from local machine as a `.sql` file.
- On the server, create a new database.
- Upload the `.sql` file to the server.
- Import the dump file into the new database using one of these methods:

##### **\*\*Using Command Prompt:\*\***

```
mysql -u root -p my_project_db < C:\Users\Administrator\Desktop\mydb.sql
```

Or use **\*\*phpMyAdmin\*\*** if available.

#### 5. Configure Environment File

- Open the `.env` file.
- Update the **\*\*database credentials\*\*** for production:

```
DB_DATABASE= db_name
```

```
DB_USERNAME= db_user
```

```
DB_PASSWORD= db_password
```

- Set production **\*\*APP\_URL\*\***:

```
APP_URL=http://your-production-domain.com
```

#### 6. Test the Project

- Open a browser on the server.
- Navigate to project URL.
- Verify everything works as expected.