

XCM / XFA WebApp

Development & Deployment Guide

1. Architecture Overview

Frontend: React + TypeScript, built with Vite.

Backend: PHP hosted at <https://apps-backend.34deltax.com>

Frontend Host: <https://webapp.34deltax.com>

2. Folder Structure

Workspace (Source Code – NEVER served)

```
D:\CloudStation\projects\webapp-xcmxfa-src\  
  src\  
    node_modules\  
    dist\  
      package.json  
      tsconfig*.json  
      vite.config.ts
```

Deploy Folder (Webroot – ONLY build output)

```
D:\CloudStation\synology-webroots\webapp.34deltax.com\  
  index.html  
  assets\
```

3. Local Development Workflow

```
D:  
cd CloudStation\projects\webapp-xcmxfa-src  
npm install  
npm run dev
```

4. Production / Staging Build

```
D:  
cd CloudStation\projects\webapp-xcmxfa-src  
set VITE_API_BASE_URL=https://apps-backend.34deltax.com  
npm run build
```

Deploy to Synology:

```
robocopy "D:\CloudStation\projects\webapp-xcmxfa-src\dist" ^  
        "D:\CloudStation\synology-webroots\webapp.34deltax.com" ^
```

5. Golden Rules

- Never deploy src/
- Never deploy node_modules/
- Never edit the webroot directly
- The dist folder is the product
- If confused, rebuild clean