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OXO Platform

cPanel Upload Guide

Shared hosting or VPS with cPanel — upload, click, done.
No building, no packaging, no command line.

Website · Customer portal · Mother dashboard · bKash · Nagad · Bangla QR · Manual payments · Support chat · Printing
Version 3.2 · Next.js 15 · Node.js 22.5+ · SQLite

1. What you need

- A cPanel account (shared hosting, or a VPS with cPanel/WHM) with a domain already pointing to it.
- **Node.js 22.5 or newer** available in cPanel. Open **Setup Node.js App** and check that version **22.x** is in the list. If it only shows 18 or 20, ask your host to enable Node 22 (a one-line request). The database uses Node's built-in SQLite, which needs 22.5+.
- The file `oxo-platform.zip` — it already contains the finished (compiled) website. You do **not** need to build anything.

> Everything is done in the browser: cPanel **File Manager** and **Setup Node.js App**. The only "install" step is one button click (**Run NPM Install**).

2. Upload and start — 6 steps

> **Order matters:** create the app **first**, then upload the zip into its folder. cPanel puts a dummy "It works!" file in a new app; extracting our zip afterwards replaces it with the real one. The zip has no outer folder, so its files land directly where you extract it.

Step 1 — Create the app

cPanel → **Setup Node.js App** → **Create Application**:

Field	Value
Node.js version	**22.x** (22.5 or higher)
Application mode	Production
Application root	`oxo-platform` (this makes `/home/yourusername/oxo-platform` — **outside** your website folders, which is what you want)
Application URL	your domain or subdomain (leave the path box empty)
Application startup file	`server.js`

Click **Create**.

Step 2 — Upload the zip into the app folder

1. cPanel → **File Manager** → open the folder `oxo-platform` in your **home** directory.
2. Click **Upload** → choose `oxo-platform.zip` → wait for 100%.

Step 3 — Extract

1. Right-click `oxo-platform.zip` → **Extract** (extract into this same folder; allow overwriting) → delete the zip.
2. Check: inside the folder you must now see `server.js`, `package.json`, `src`, `public` directly — **not** another `oxo-platform` folder. (File Manager → Settings → tick **Show Hidden Files** to also

see `.env` and `.next`.)

Step 4 — Edit your settings (.env)

Right-click `.env` → **Edit**. Change only these three lines (keep the quotes), then **Save Changes**:

```
APP_URL="https://yourdomain.com"
ADMIN_EMAIL="you@yourdomain.com"
ADMIN_PASSWORD="A-long-strong-password-9!"
```

> **Keep the quotes** around the password. Without them, any `#` in it silently cuts it short. The password is your owner login (created the first time the site starts).

Step 5 — Install and start

1. Back in **Setup Node.js App** → your app → click **Run NPM Install** and wait until it finishes (1–3 minutes).
2. Click **Restart**.

Step 6 — Check, then log in

1. Open `https://yourdomain.com/__oxo`. It must say **"OXO server.js is running"** and **"Next ready: true"**. If it says *Problem: …*, the sentence tells you exactly what to do (see section 5).
2. Open `https://yourdomain.com/` — the website. Then `/login` → tick "I'm not a robot" → sign in with the email and password from Step 4.
3. cPanel → **SSL/TLS Status** → **Run AutoSSL**; **Domains** → **Force HTTPS Redirect**. In the dashboard enable 2FA under **Company & security**.

> **Done.** Continue with section 3 to add your payment methods.

Using "Application Manager" instead (some VPS cPanels)

If you do not have "Setup Node.js App" but have **Application Manager**: Register Application → Name `OXO`, Path `/home/yourusername/oxo-platform`, your domain, environment Production → Save → **Deploy/Start**. Startup file is `app.js` (already included). Run the install once from cPanel **Terminal**: `cd oxo-platform && npm install --omit=dev`.

3. After it is live — set up in the dashboard

1. **Company & security:** company name, address, BIN/TIN, logo, signature, invoice terms. If you turned demo data on, remove it here.
2. **Orders & payments → Payment methods** (secrets are AES-256 encrypted and never shown again):

Method	What to enter
bKash (tokenized)	App key, app secret, username, password from your bKash merchant account. Whitelist the callback URL shown on the card. Enable "tokenized" for one-tap repeat payments.
Nagad	Merchant ID, merchant number, Nagad PG public key, your merchant private key. Whitelist the callback URL shown.
Bangla QR (tokenized)	Merchant ID/account, city, MCC and a **webhook signing secret**. Give your bank/PSP the webhook URL `https://yourdomain.com/api/pay/qr/webhook`. Each order gets its own QR; when your PSP confirms with a valid signature and the exact amount, the product activates automatically. Wrong amount goes to review. If your PSP cannot send confirmations, customers can still submit the TxnID for manual approval.
Manual	Add your bKash / Nagad / Rocket / bank numbers. Customers send money and submit type, number, amount and TxnID; you approve under **Payments to review**.

3. **Email server** (SMTP details → send a test) and **SMS gateway** (endpoint, API key, sender ID → send a test).
4. **Printers & POS:** open the dashboard in **Chrome or Edge** over HTTPS, click the printer pill, connect USB / Bluetooth / COM. It reconnects automatically.
5. **Products & plans** and **Website & clients**: add your catalogue and edit the headline/announcement.
6. **Connected projects:** add each external site; paste the tracking snippet to get individual and merged analytics.

> **Test every payment method** with a small amount before announcing: the order should turn **paid**, the licence should appear in the customer portal, and the invoice should print.

4. Updates, backups and keeping it awake

Task	How (all in the browser)
Update to a new version	Upload the new zip → Extract **over** the existing `oxo-platform` folder (choose overwrite). Your `.env` and `data` folder are not in the zip, so they stay. Then **Run NPM Install** → **Restart**.
Backup	Dashboard → **Database & backup → Create backup now** → download it. Also keep a copy of the `oxo-platform/data` folder (File Manager → Compress → download). **Back up the hidden file `data/.secret` too** — it unlocks your saved payment keys.
Keep the app awake	cPanel → **Cron Jobs** → every 5 minutes, command: `curl -s https://yourdomain.com/ > /dev/null`. Prevents slow first loads and lets project monitoring run.
Change settings later	Edit `.env` in File Manager → Setup Node.js App → **Restart**.

5. Troubleshooting

First open `/__oxo` on your site. It tells you what is wrong.

What you see	Fix
Page says just “It works!” + Node version	cPanel’s dummy file is still running. Re-do Step 3 (extract the zip **into the app folder**, allow overwrite) so `server.js` is ours, then **Restart**. `/__oxo` must show “OXO server.js is running”.
“The node_modules folder is missing”	Click **Run NPM Install** in Setup Node.js App, wait, **Restart**.
“The compiled site (.next folder) is missing”	Extract the zip again; turn on Show Hidden Files to confirm `.next` exists.
“Node.js ... is too old”	In Setup Node.js App choose Node 22.x (22.5+), Save, Restart. If 22 is not listed, ask your host to enable it.
Files are inside `oxo-platform/oxo-platform`	You extracted into the wrong place. Move everything up one level, or set Application root to the inner folder.
Cannot sign in as owner	Password in `.env` must be inside double quotes. The owner is created only on the very first start; on a brand-new site, delete the `data` folder and Restart.
Payments don’t return to the site	`APP_URL` must exactly equal your public https address; callback URLs must be whitelisted at the gateway.
Emails / SMS not sending	Enable the toggle, re-enter the password/key, send a test, check the Sent log.
Printer not detected	Use Chrome/Edge on HTTPS; close other apps using the COM port; accept the browser permission prompt.

6. Security checklist

- HTTPS forced; strong owner password; 2FA on.
- Keep the Application root in your **home** folder (e.g. `/home/yourusername/oxo-platform`), **not** inside `public_html` or a domain's web folder — otherwise Apache could serve your `.env` and database as downloads.
- Demo data removed; `SEED_DEMO=false`.
- Weekly off-server backups including `data/.secret`.

Plain VPS without cPanel (SSH, PM2, Nginx): see `DEPLOY.md` in the zip. · OXO Platform v3.2 · Keep this document private.