

Monica CRM – Fix mixed content (HTTP assets on HTTPS)

Installation context

Monica CRM was installed using the **official Proxmox VE Community Script**.

This means:

- Monica runs inside a **Proxmox LXC container**
- PHP, **Apache2**, and the directory structure follow the **community script defaults**
- Configuration changes (such as `.env`) are made **inside the LXC**
- HTTPS is typically terminated **outside the container** via a reverse proxy (e.g. Nginx Proxy Manager)

Because of this setup, **trusted proxy headers and HTTPS detection are mandatory**, otherwise Monica/Laravel will incorrectly assume HTTP and generate mixed-content URLs.

Problem

When accessing Monica via HTTPS, the browser may show warnings like:

- CSS or images are loaded via `http://`
- Assets are blocked or only partially loaded
- DevTools shows “**mixed content**” warnings

Example:

```
The page at https://monica.example.net requested insecure content from
http://monica.example.net/...
```

Cause

Monica (Laravel-based) still thinks it is running on **HTTP**, even though it is accessed via **HTTPS through a reverse proxy**.

Typical reasons:

- `APP_URL` is still set to `http://`
- Reverse proxy headers are not trusted
- Laravel configuration cache was not cleared

Solution (recommended order)

Follow **steps in order** and test. Best done after a fresh new install.

It could be enough to just set the `APP_URL` and the `APP_ENV`. But maybe it doesn't, then you can also try steps 2++.

1. Set correct `APP_URL`

Edit Monica's `.env` file:

```
APP_URL=https://monica.example.net
```

Important notes:

- Use the **final public URL**
- **No trailing slash**
- Must match the reverse proxy domain

2. Set `APP_ENV` to `production`

Edit Monica's `.env` file and change from `local` to `production`:

```
# Two choices: local|production. Use local if you want to install
Monica as a
# development version. Use production otherwise.
APP_ENV=production
```

3. Trust reverse proxy headers (very important)

If the above does not work, add this to `.env`:

```
TRUSTED_PROXIES=*
```

Why this matters:

- Monica is behind a reverse proxy
- HTTPS is terminated at the proxy
- Apache receives HTTP internally
- Without trusted headers, Laravel assumes HTTP

4. Clear and rebuild all caches (mandatory)

From the Monica installation directory:

```
php artisan optimize:clear
php artisan config:clear
php artisan cache:clear
php artisan route:clear
php artisan view:clear
php artisan config:cache
```

Do **not** skip this step. Laravel caches URLs aggressively.

5. Restart services

LXC / bare metal (Apache2)

```
systemctl restart apache2
```

Docker / Docker Compose

```
docker compose restart
```

Nginx Proxy Manager (common setup)

- Enabled by default
- Do **not** override `Host` headers
- Do **not** force HTTP upstream
- Remove custom proxy headers if unsure

Apache does **not** need special configuration for this as long as the headers are passed correctly.

7. Verify in the browser

- Open the site with HTTPS
- Hard refresh (`Cmd + Shift + R`)
- Open DevTools ? Network
- All assets must load via `https://`

Test directly:

```
https://monica.example.net/css/app-ltr.css
```

No redirects to `http://` should occur.

Summary

To fix mixed content issues in Monica behind a reverse proxy (Apache2 setup):

- Set `APP_URL` to HTTPS
- Set `APP_ENV` to `production`
- Trust proxy headers

- Clear **all** Laravel caches
- Restart Apache and or reboot.

Once done, Monica will correctly serve **all assets over HTTPS**.

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