interweb

Generated on 15/11/2026 00:13

KNOWLEDGE BASE · PUBLIC DOCUMENT

Django DisallowedHost, CSRF failed and missing static files: the fixes

Python & Other Languages

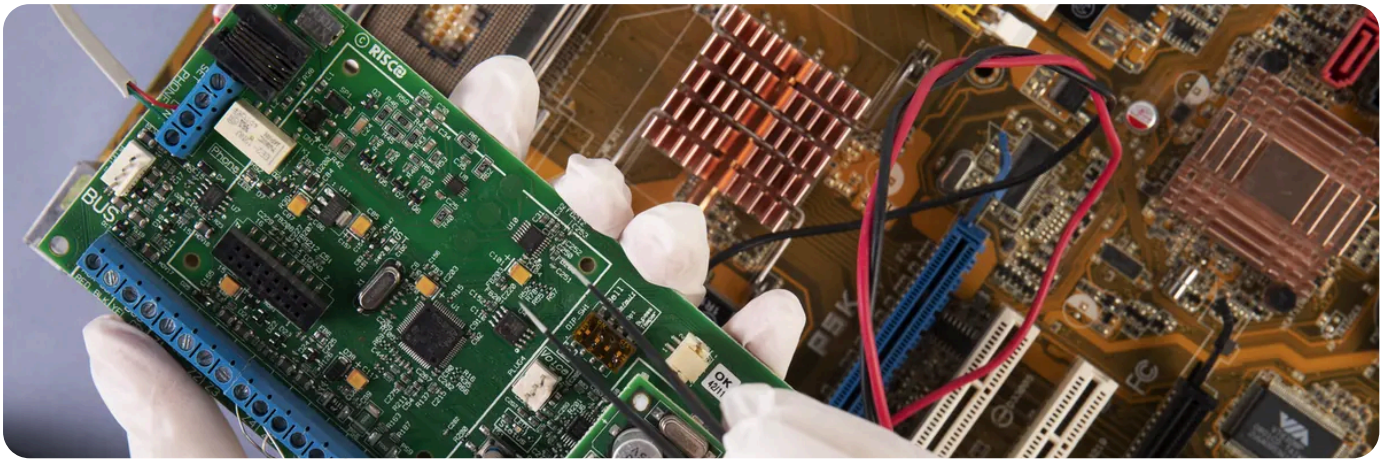
CODE	VERSION	COUNTRY · LANGUAGE
RLX-AO-KB-1084	v2026.10.10	Angola · English

Interweb Angola
RLX Angola, Lda. · Group RLX Holdings
Tax ID (NIF) 500 260 5724 · Commercial registration no. 26464-25/250724

https://www.meu.interweb.ao/knowledgebase/1084

Django DisallowedHost, CSRF failed and missing static files: the fixes

Python & Other Languages Created on **October 10, 2026** 2 min read



You put Django online and three errors show up that nearly everyone meets: **DisallowedHost**, **CSRF verification failed** and the page with no styles (static files give a 404). They have one thing in common: on your computer it worked because `DEBUG` was on and the address was `localhost`. **The short answer:** they are three `settings.py` values that have to know the real domain. To get Django running in the first place, see **the base article** first.

The three errors, one line each

Error	Cause	Fix in settings.py
`DisallowedHost: Invalid HTTP_HOST header`	The domain you opened the site with is not in the list of allowed hosts.	`ALLOWED_HOSTS = ["asuaempresa.ao", "www.asuaempresa.ao"]`. Include every name the site opens with.
`CSRF verification failed` **(403) when submitting a form**	Behind HTTPS, Django does not trust the form's origin.	`CSRF_TRUSTED_ORIGINS = ["https://asuaempresa.ao", "https://www.asuaempresa.ao"]`. Since Django 4.0 it must include the protocol.
Page with no styles; files under `/static/` give a 404	With `DEBUG = False` Django stops serving static files.	Set `STATIC_ROOT`, run `python manage.py collectstatic` and serve that folder through the web server (see below).

Static files, step by step

1. **Set the two lines in settings.py:**

```
STATIC_URL = "/static/"
STATIC_ROOT = BASE_DIR / "staticfiles"
```

2 **Gather everything in one folder**, inside the application's environment:

```
python manage.py collectstatic
```

Repeat after every update that touches static files.

3 **Make the web server serve that folder.** In cPanel, the simple way is to copy (or link) the contents of `staticfiles` to a folder inside the domain's public folder, at the path `STATIC_URL` gives. On a VPS, nginx serves it with a `location /static/` block and an `alias`.

4 **Restart the application** and reload without cache (Ctrl+F5).

There is an alternative that skips step 3: the `whitenoise` package, which lets Django itself serve static files efficiently. Follow its documentation: you install it with pip and add it to `MIDDLEWARE`.

! **Do not fix it by leaving `DEBUG = True` on.**
With it on, any error shows visitors your paths, settings and sometimes credentials. Django requires `ALLOWED_HOSTS` precisely when `DEBUG` is off. And never use `ALLOWED_HOSTS = ["*"]` in production.

Behind an HTTPS proxy
(nginx on a VPS), tell Django the original request was secure, or CSRF and redirects fail: `SECURE_PROXY_SSL_HEADER = ("HTTP_X_FORWARDED_PROTO", "https")`, and only if the proxy sends that header and clears it on requests coming from outside. See **gunicorn and systemd on a VPS**. For passwords and the secret key: **environment variables and secrets**.

NEED A HAND?

Adjusted settings.py and the error is still there? Send us the domain and the last lines of the application log.

Open a support ticket →

SEE ALSO

- **Getting a Django application running** →
- **Environment variables and secrets for your application** →
- **Where console.log and print output goes, and how to read your app logs** →

interweb

Interweb Angola

RLX Angola, Lda. · Group RLX Holdings

TAX ID (NIF)	500 260 5724
COMMERCIAL REGISTRATION NO.	26464-25/250724
REGISTERED OFFICE	Rua Direita do Patriota, Bairro Dangereux Belas, Luanda, Angola
CONTACT	info@interweb.ao · +244 942 011 191 · www.interweb.ao
OPENING HOURS	Monday to Friday - 08 AM to 04 PM Saturday & Sunday - Closed

Online version of this document

RLX-AO-KB-1084 · v2026.10.10 · Generated on 15/11/2026 00:13