SkyQon

The EU Domain Trust Checklist

The certificate, DNS, email, evidence, brand and post-quantum controls SkyQon checks - with the fix for each. Use it to self-assess before you run a scan.

Email authentication (SPF / DKIM / DMARC)

- [ ] Publish a single SPF record; keep DNS lookups under the limit of 10.
- [ ] Sign outbound mail with DKIM on every sending service.
- [ ] Move DMARC from p=none to quarantine, then reject, with a reporting address.
- [ ] Protect sub-domains, not just the apex.

Fix: add the missing records, then enforce DMARC once legitimate senders pass.

DNS & DNSSEC

- [ ] Enable DNSSEC and publish the DS record at your registrar.
- [ ] Add a CAA record naming your certificate authority.
- [ ] Publish MTA-STS and TLS-RPT policies for inbound mail.

Fix: sign the zone, add the DS record, and lock issuance with CAA.

Certificates & TLS

- [ ] Track every certificate’s expiry across apex and sub-domains.
- [ ] Serve the full chain, including intermediates.
- [ ] Remove TLS 1.0 / 1.1 and weak ciphers.
- [ ] Own and monitor internal certificates too.

Fix: renew ahead of time (or automate) and modernise the TLS configuration.

Evidence & compliance (NIS2 / DORA / eIDAS)

- [ ] Keep dated, verifiable evidence - not screenshots.
- [ ] Map controls to the framework and hash the report.
- [ ] Say ’aligned to’, never ’certified’.

Fix: generate a signed evidence report per review period; let your auditor verify it.

Brand & impersonation

- [ ] Watch Certificate Transparency for look-alike names.
- [ ] Cover alternative TLDs (.io / .co / .app), not just your exact domain.
- [ ] Triage new look-alikes and request takedowns early.

Fix: monitor CT continuously and pre-register the highest-risk variants.

Post-quantum readiness

- [ ] Inventory where RSA / ECC is used across your estate.
- [ ] Prioritise long-lived secrets and external-facing services.
- [ ] Plan hybrid / PQC adoption as vendors ship it.

Fix: start the cryptographic inventory now - the migration takes time.

SkyQon - external domain trust monitoring, built and operated in the EU. Run your free scan at skyqon.com/free-scan