

Website configuration

Subscore 99

DNS

95

- **Name servers** Required
6 name servers are configured, 6 of them reachable over IPv6.
- **IPv4 address** Required
The domain resolves to 2 IPv4 address(es), e.g. 104.109.250.178.
- **IPv6 address** Recommended
The domain resolves to 2 IPv6 address(es), e.g. 2a02:26f0:8d00:14::213:7c85.
- **MX records** Optional · Info
No MX record is configured.
- **CAA record** Recommended · Low
No CAA record is configured.
[Recommendation: Add a CAA record listing your certificate authority.](#)
- **DNSSEC** Recommended
DNSSEC is enabled and the validation chain is intact.

DNS servers

100

- **DNS response** Required
The domain's nameservers deliver DNS responses.
- **Nameserver redundancy** Required
The domain has 6 nameservers.
- **Nameservers responding** Required
All 6 nameservers respond to queries.
- **Authoritative answers** Required
All nameservers answer authoritatively for the zone.
- **SOA serial in sync** Recommended
All nameservers report the same SOA serial number.
- **Open recursion** Required
No nameserver answers recursive queries for foreign domains.
- **Public NS addresses** Required
All nameserver addresses are publicly reachable.
- **Network dispersion** Recommended
The nameservers are spread across 12 different networks.
- **Nameservers over IPv6** Recommended
6 nameservers are reachable over IPv6.
- **SOA refresh** Recommended
The SOA refresh value (10800) is within the recommended range.
- **SOA retry** Recommended
The SOA retry value (3600) is within the recommended range.
- **SOA expire** Recommended
The SOA expire value (2419200) is within the recommended range.

- **SOA minimum TTL** Recommended
The SOA minimum TTL value (900) is within the recommended range.
- **SOA serial format** Optional
The SOA serial (2022310734) is a valid, increasing integer (as used by many managed-DNS providers).
- **NS match with parent** Recommended
The zone's NS records match the delegation at the parent.
- **Glue records** Recommended
No glue records are needed (no nameservers inside the zone itself).
- **Primary listed at parent** Recommended
The primary nameserver (a1-101.akam.net) is included in the parent delegation.

HTTP / Security Headers

0

- **HTTP timeout** High
The HTTP check could not be completed in time.

RPKI

100

- **RPKI (web server)** Recommended
The route-origin authorisation of the web server is RPKI-valid.
- **RPKI (nameservers)** Recommended
The route-origin authorisation of the nameservers is RPKI-valid.

TLS

100

- **HTTPS reachable** Required
An HTTPS service is reachable and completed a TLS handshake.
- **TLS versions** Required
Only modern TLS versions (1.2 and/or 1.3) are offered.
- **Cipher suite** Required
The negotiated cipher suite (TLS_AES_256_GCM_SHA384) provides forward secrecy.
- **Certificate** Required
The certificate is trusted and valid for this host.
- **Certificate key** Required
The certificate uses a strong RSA key (2048 bits).
- **Certificate signature** Required
The certificate uses a secure signature algorithm (SHA256-RSA).
- **OCSP stapling** Recommended · Info
The certificate carries no OCSP URL — there is nothing to staple (OCSP is being retired industry-wide).
- **DANE (HTTPS)** Optional · Info
No DANE (TLSA) records are published for HTTPS — an optional bonus for the web, not a shortcoming.
- **Cipher order** Recommended
With TLS 1.3 the server chooses from a small set of uniformly strong suites — ordering is not a concern.
- **Key exchange** Required
The key exchange uses ECDHE with hash SHA384 — forward secrecy is provided.
- **TLS compression** Required
TLS 1.3 has no record compression — the weakness does not apply.
- **Renegotiation** Required
TLS 1.3 removed renegotiation entirely — no attack surface.
- **Extended Master Secret** Recommended
TLS 1.3's key schedule supersedes Extended Master Secret — the weakness does not apply.

- **TLS 1.3 0-RTT (early data)** Optional
The server does not accept 0-RTT — the safest default.

Mail configuration

Subscore **98**

Mail

95

- **Mail servers (MX)** Required · Info
The domain has no MX records, so it does not receive mail.
- **SPF** Recommended
An SPF record with a strict policy (-all) is published.
- **DKIM** Recommended
DKIM is set up: the domain's `\_domainkey` namespace contains selectors — the individual selector names cannot be enumerated from DNS.
- **DMARC** Recommended
A DMARC record with an enforcing policy (p=reject) is published.
- **BIMI** Optional · Info
The domain does not publish a BIMI record.
[Recommendation: Optional: publish an SVG logo \(SVG Tiny PS\) at an HTTPS URL and a TXT record `default.\\_bimi.<domain>` with `v=BIMI1; l=<logo URL>`. An enforcing DMARC policy \(`p=quarantine` or `p=reject`\) is required; some providers additionally require a paid VMC certificate.](#)
- **MTA-STS** Recommended · Low
The domain publishes no MTA-STS policy.
[Recommendation: Publish the TXT record `\\_mta-sts.<domain>` plus a valid policy file at `https://mta-sts.<domain>/.well-known/mta-sts.txt` with `version`, `mode`, `max\\_age` and your `mx` entries. Start with `mode: testing` and switch to `mode: enforce` after reviewing the reports.](#)
- **TLS-RPT** Optional · Low
The domain publishes no TLS-RPT record.
[Recommendation: Publish a TXT record `\\_smtp.\\_tls.<domain>` with `v=TLSRPTv1; rua=mailto:tls-reports@<domain>` \(or an HTTPS reporting URL\).](#)
- **MX over IPv6** Recommended · Info
Not evaluated because the domain has no mail servers (MX).
- **STARTTLS** Required · Info
Not evaluated because the domain has no mail servers (MX).
- **Mail TLS version** Required · Info
Not evaluated because the domain has no mail servers (MX).
- **DANE (SMTP)** Recommended · Info
Not evaluated because the domain has no mail servers (MX).
- **Reverse DNS (PTR)** Recommended · Info
Not evaluated because the domain has no mail servers (MX).
- **Open relay** Required · Info
Not evaluated because the domain has no mail servers (MX).
- **Cipher suite (mail)** Recommended · Info
Not evaluated because the domain has no mail servers (MX).
- **Mail server certificate** Required · Info
Not evaluated because the domain has no mail servers (MX).
- **Mail server key** Required · Info
Not evaluated because the domain has no mail servers (MX).
- **Mail server signature** Required · Info
Not evaluated because the domain has no mail servers (MX).
- **TLS compression (mail)** Required · Info
Not evaluated because the domain has no mail servers (MX).

- **Renegotiation (mail)** Required · Info
Not evaluated because the domain has no mail servers (MX).
- **Extended Master Secret (mail)** Recommended · Info
Not evaluated because the domain has no mail servers (MX).

Blacklist

100

- **Spamhaus ZEN** Required · Info
No mail server addresses available — nothing to check for this list.
- **Spamhaus DBL** Required · Info
Spamhaus DBL (dbl.spamhaus.org) could not be queried reliably from our location.
- **Barracuda** Required · Info
No mail server addresses available — nothing to check for this list.
- **SpamCop** Required · Info
No mail server addresses available — nothing to check for this list.
- **PSBL** Required · Info
No mail server addresses available — nothing to check for this list.
- **OSPAM** Required · Info
No mail server addresses available — nothing to check for this list.
- **BLOCKLIST.DE** Required · Info
No mail server addresses available — nothing to check for this list.
- **SURBL multi** Recommended
Not listed on SURBL multi (multi.surbl.org).
- **SEM Blacklist** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **SEM Backscatter** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **SPFBL** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **GBUdb Truncate** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **SpamRATS RATS-Spam** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **SpamRATS RATS-Dyna** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **SpamRATS RATS-NoPtr** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **JustSpam** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **Fabel Spamsources** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **s5h.net** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **DroneBL** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **InterServer RBL** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **Mailspike** Recommended · Info
No mail server addresses available — nothing to check for this list.

- **UCEPROTECT Level 1** Recommended · Info
No mail server addresses available — nothing to check for this list.
- **UCEPROTECT Level 2** Optional · Info
No mail server addresses available — nothing to check for this list.
- **UCEPROTECT Level 3** Optional · Info
No mail server addresses available — nothing to check for this list.

RPKI (mail)

100

- **RPKI (mail servers)** Recommended · Info
No IP addresses of the mail servers were found.