

Website configuration

Subscore 87

DNS

78

- **Name servers** Required
3 name servers are configured, 3 of them reachable over IPv6.
- **IPv4 address** Required
The domain resolves to 2 IPv4 address(es), e.g. 3.77.8.153.
- **IPv6 address** Recommended · Low
The domain has no AAAA (IPv6) record.
[Recommendation: Add an AAAA record so IPv6-only clients can reach the site.](#)
- **MX records** Optional
1 mail server(s) (MX) are configured for the domain.
- **CAA record** Recommended · Low
No CAA record is configured.
[Recommendation: Add a CAA record listing your certificate authority.](#)
- **DNSSEC** Recommended · Medium
DNSSEC is not enabled for this domain.
[Recommendation: Enable DNSSEC at your DNS operator and publish the DS record at your registrar; fix any broken chain.](#)

DNS servers

100

- **DNS response** Required
The domain's nameservers deliver DNS responses.
- **Nameserver redundancy** Required
The domain has 3 nameservers.
- **Nameservers responding** Required
All 3 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 6 different networks.
- **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 (1209600) is within the recommended range.
- **SOA minimum TTL** Recommended
The SOA minimum TTL value (3600) is within the recommended range.

- **SOA serial format** Optional
The SOA serial number (2026072203) follows the common convention (YYYYMMDDnn).
- **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 (ns.inwx.de) is included in the parent delegation.

HTTP / Security Headers

85

- **Reachability** Required
The site is reachable over HTTPS.
- **IPv6 reachability** Recommended · Low
The domain has no AAAA record, so the web server is not reachable over IPv6.
[Recommendation: Publish an AAAA record and make sure the web server accepts IPv6 connections on port 443.](#)
- **HTTPS redirect** Recommended
Plain HTTP is redirected to HTTPS.
- **HSTS** Recommended
Your web server sends an HSTS policy.
- **Content-Security-Policy** Recommended
A Content-Security-Policy header is set.
- **X-Frame-Options** Recommended
An X-Frame-Options header is set.
- **X-Content-Type-Options** Recommended
The X-Content-Type-Options header is set to nosniff.
- **Referrer-Policy** Recommended
A Referrer-Policy header is set.
- **HTTP compression** Optional · Low
HTTP compression (gzip) is active — a performance plus.
[Recommendation: Enable HTTP compression \(gzip or Brotli\) for text responses to improve load time and bandwidth.](#)
- **security.txt** Recommended · Low
No security.txt file is published.
[Recommendation: Publish a signed `.well-known/security.txt` with at least a `Contact:` and an `Expires:` field.](#)
- **HTTP/2** Recommended
The web server supports HTTP/2.
- **HTTP/3** Optional · Info
The web server does not advertise HTTP/3 (QUIC).
[Recommendation: Optional: enable HTTP/3 in your web server/reverse proxy and make sure UDP port 443 is open in the firewall.](#)
- **Cookie security** Recommended · Info
The homepage sets no cookies that could be assessed.
- **Mixed content** Required
The page loads no resources over unencrypted HTTP.
- **Subresource integrity** Recommended · Info
The page loads no external scripts/stylesheets where SRI would be relevant.

TLS

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- **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_128_GCM_SHA256) 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 · Low
The server does not staple an OCSP response.
[Recommendation: Enable OCSP stapling on the web server.](#)
- **DANE (HTTPS)** Optional · Low
No DANE (TLSA) records are published for HTTPS.
[Recommendation: With DNSSEC in place, publish TLSA records at `\\_443.\\_tcp.<host>` that match your certificate, and rotate them together with the certificate.](#)

Mail configuration

Subscore **91**

Mail

85

- **Mail servers (MX)** Required
The domain has 1 mail server(s) (MX).
- **SPF** Recommended
An SPF record with a strict policy (-all) is published.
- **DKIM** Recommended
DKIM keys were found for 2 selector(s).
- **DMARC** Recommended
A DMARC record with an enforcing policy (p=quarantine) 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
All mail servers have an IPv6 address.
- **STARTTLS** Required
All mail servers offer STARTTLS with a valid certificate.
- **Mail TLS version** Required
All mail servers negotiate a modern TLS version (1.2 or 1.3).
- **DANE (SMTP)** Recommended · Low
No DANE (TLSA) records are published for the mail servers.
[Recommendation: With DNSSEC in place, publish TLSA records at `\\_25.\\_tcp.<mx>` that match each mail server's certificate, and rotate them together with the certificate.](#)

● **Reverse DNS (PTR)** Recommended · Low

1 of 8 mail server IPs are missing a PTR record.

[Recommendation: Have the IP owner \(host/provider\) create a PTR record pointing to your mail server's hostname — ideally with a matching forward record \(A/AAAA\) back to the same IP.](#)

● **Open relay** Required

No mail server accepts mail to foreign recipients for relaying (no open relay).

Blacklist

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● **Spamhaus ZEN** Required

Not listed on Spamhaus ZEN (zen.spamhaus.org).

● **Spamhaus DBL** Required

Not listed on Spamhaus DBL (dbl.spamhaus.org).

● **Barracuda** Required

Not listed on Barracuda (b.barracudacentral.org).

● **SpamCop** Required

Not listed on SpamCop (bl.spamcop.net).

● **PSBL** Required

Not listed on PSBL (psbl.surriel.com).

● **OSPAM** Required

Not listed on OSPAM (bl.ospam.org).

● **BLOCKLIST.DE** Required

Not listed on BLOCKLIST.DE (bl.blocklist.de).

● **SURBL multi** Recommended

Not listed on SURBL multi (multi.surbl.org).

● **SEM FRESH** Recommended

Not listed on SEM FRESH (fresh.spameatingmonkey.net).

● **SEM Blacklist** Recommended

Not listed on SEM Blacklist (bl.spameatingmonkey.net).

● **SEM Backscatter** Recommended

Not listed on SEM Backscatter (backscatter.spameatingmonkey.net).

● **SPFBL** Recommended

Not listed on SPFBL (dnsbl.spfbl.net).

● **GBUdb Truncate** Recommended

Not listed on GBUdb Truncate (truncate.gbudb.net).

● **SpamRATS RATS-Spam** Recommended

Not listed on SpamRATS RATS-Spam (spam.spamrats.com).

● **SpamRATS RATS-Dyna** Recommended

Not listed on SpamRATS RATS-Dyna (dyna.spamrats.com).

● **SpamRATS RATS-NoPtr** Recommended

Not listed on SpamRATS RATS-NoPtr (nptr.spamrats.com).

● **JustSpam** Recommended

Not listed on JustSpam (dnsbl.justspam.org).

● **Fabel Spamsources** Recommended

Not listed on Fabel Spamsources (spamsources.fabel.dk).

● **s5h.net** Recommended

Not listed on s5h.net (all.s5h.net).

● **DroneBL** Recommended

Not listed on DroneBL (dnsbl.dronebl.org).

- **InterServer RBL** Recommended
Not listed on InterServer RBL (rbl.interserver.net).
- **Mailspike** Recommended
Not listed on Mailspike (z.mailspike.net).
- **UCEPROTECT Level 1** Recommended
Not listed on UCEPROTECT Level 1 (dnsbl-1.uceprotect.net).
- **UCEPROTECT Level 2** Optional
Not listed on UCEPROTECT Level 2 (dnsbl-2.uceprotect.net).
- **UCEPROTECT Level 3** Optional
Not listed on UCEPROTECT Level 3 (dnsbl-3.uceprotect.net).