

Website configuration

Subscore 87

DNS

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- **Name servers** Required
5 name servers are configured, 5 of them reachable over IPv6.
- **IPv4 address** Required
The domain resolves to 1 IPv4 address(es), e.g. 193.99.144.80.
- **IPv6 address** Recommended
The domain resolves to 1 IPv6 address(es), e.g. 2a02:2e0:3fe:1001:302::.
- **MX records** Optional
4 mail server(s) (MX) are configured for the domain.
- **CAA record** Recommended
6 CAA record(s) restrict which certificate authorities may issue certificates.
- **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

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- **DNS response** Required
The domain's nameservers deliver DNS responses.
- **Nameserver redundancy** Required
The domain has 5 nameservers.
- **Nameservers responding** Required
All 5 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 9 different networks.
- **SOA refresh** Recommended
The SOA refresh value (14400) 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 (604800) is within the recommended range.
- **SOA minimum TTL** Recommended
The SOA minimum TTL value (86400) is within the recommended range.

- **SOA serial format** Optional
The SOA serial number (2026072405) follows the common convention (YYYYMMDDnn).
- **NS match with parent** Recommended
The zone's NS records match the delegation at the parent.
- **Glue records** Recommended
The glue records at the parent match the nameservers' actual addresses.
- **Primary listed at parent** Recommended
The primary nameserver (ns.heise.de) is included in the parent delegation.

HTTP / Security Headers

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- **Reachability** Required
The site is reachable over HTTPS.
- **IPv6 reachability** Recommended
The web server is reachable over IPv6 (2a02:2e0:3fe:1001:302::).
- **HTTPS redirect** Recommended
Plain HTTP is redirected to HTTPS.
- **HSTS** Recommended
Your web server sends an HSTS policy.
- **Content-Security-Policy** Recommended · Medium
No Content-Security-Policy header is set.
[Recommendation: Define a Content-Security-Policy that only allows the sources your site actually needs.](#)
- **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 · Low
No Referrer-Policy header is set.
[Recommendation: Send a Referrer-Policy such as strict-origin-when-cross-origin or no-referrer.](#)
- **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
A security.txt file with a contact address is published.

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_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 · 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 **87**

Mail

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- **Mail servers (MX)** Required
The domain has 4 mail server(s) (MX).
- **SPF** Recommended
An SPF record with a soft-fail policy (~all) is published.
- **DKIM** Recommended
DKIM keys were found for 3 selector(s).
- **DMARC** Recommended · Medium
A DMARC record is published, but only in monitoring mode (p=none).
Recommendation: Publish a DMARC record and, once you have confirmed that legitimate mail passes, move the policy from `p=none` to `p=quarantine` and then `p=reject`. Set a `rua` address to receive aggregate reports.
- **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.
- **findings.mail.bl.sorbsbadconf.title**
findings.mail.bl.sorbsbadconf.verdict.clean
- **findings.mail.bl.sorbsnomail.title**
findings.mail.bl.sorbsnomail.verdict.clean
- **MX over IPv6** Recommended · Low
No mail server has an IPv6 address.
Recommendation: Publish AAAA records for your MX hosts and make sure they accept SMTP over IPv6.
- **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.

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).
- **SURBL multi** Recommended
Not listed on SURBL multi (multi.surbl.org).
- **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).
- **Barracuda** Required
Not listed on Barracuda (b.barracudacentral.org).
- **PSBL** Required
Not listed on PSBL (psbl.surriel.com).
- **SEM FRESH** Recommended
Not listed on SEM FRESH (fresh.spameatingmonkey.net).
- **SEM Blacklist** Recommended
Not listed on SEM Blacklist (bl.spameatingmonkey.net).
- **OSPAM** Required
Not listed on OSPAM (bl.0spam.org).
- **BLOCKLIST.DE** Required
Not listed on BLOCKLIST.DE (bl.blocklist.de).