

Mail configuration

Subscore 64

Mail

40

- **Mail servers (MX)** Required
The domain has 2 mail server(s) (MX).
- **SPF** Recommended
An SPF record with a soft-fail policy (~all) is published.
- **SPF DNS lookups** Recommended
The SPF record stays within limits at 4 of at most 10 DNS lookups.
- **DKIM** Recommended
DKIM is set up, but the 1024-bit key is only marginally sufficient.
- **DMARC** Recommended
A DMARC record with an enforcing policy (p=reject) is published.
- **BIMI** Optional
The domain publishes a BIMI record with an enforcing DMARC policy.
- **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 · 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.
- **Cipher suite (mail)** Recommended
All mail servers use cipher suites with forward secrecy.
- **Mail server certificate** Required
All mail servers present a valid certificate matching the hostname.
- **Mail server key** Required
The certificate keys of all mail servers are sufficiently strong.
- **Mail server signature** Required
The certificates of all mail servers use a secure signature.
- **TLS compression (mail)** Required
No mail server has TLS compression enabled.

- **Renegotiation (mail)** Required
All mail servers support secure renegotiation or use TLS 1.3.
- **Extended Master Secret (mail)** Recommended
All mail servers support Extended Master Secret or use TLS 1.3.
- **Reverse DNS (PTR)** Recommended
All checked mail server IPs have a PTR record.
- **Open relay** Required · Critical
2 mail server(s) accepted relaying to a foreign destination (open relay).
Recommendation: Configure your mail server to allow relaying only for authenticated users or your own domains (`smtpd\_relay\_restrictions` in Postfix, etc.) and to reject foreign recipients without authentication.

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 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).