

API Security Report

Scanned URL: http://www.testingmcafeesites.com/testcat_an.html

- â€œ API is NOT using HTTPS! (Risk of data interception) [OWASP API2:2023]
- â€œ SSL/TLS Check Failed: [SSL: CERTIFICATE_VERIFY_FAILED] certificate verify failed: Hostname mismatch, certificate is not valid for 'www.testingmcafeesites.com'. (_ssl.c:1028)
- â€œ Strict-Transport-Security is missing! (Protects against protocol downgrade attacks [OWASP API7])
- â€œ Content-Security-Policy is missing! (Prevents XSS attacks [OWASP API8])
- â€œ X-Content-Type-Options is missing! (Prevents MIME-sniffing [OWASP API8])
- â€œ X-Frame-Options is missing! (Protects against clickjacking [OWASP API8])
- â€œ Referrer-Policy is missing! (Controls referer info [OWASP API7])
- â€œ Permissions-Policy is missing! (Restricts powerful features [OWASP API8])
- â€œ Cross-Origin-Embedder-Policy is missing! (Prevents cross-origin issues [OWASP API8])
- â€œ Cross-Origin-Opener-Policy is missing! (Isolates browsing context [OWASP API8])
- â€œ Cross-Origin-Resource-Policy is missing! (Prevents cross-origin sharing [OWASP API8])
- â€œ Expect-CT is missing! (Certificate transparency enforcement [OWASP API7])
- â€œ Usage of MD5 - Collision attacks [OWASP API3:2023]
- â€œ Usage of SHA-1 - Weak hash strength [OWASP API3:2023]
- â€œ RSA keys < 2048 bits - Easily breakable [OWASP API3:2023]
- â€œ AES keys < 128 bits - Weak symmetric encryption [OWASP API3:2023]
- â€œ Shodan scan failed with status 403: {"error": "Requires membership or higher to access"}